

1 Introduction

The BitShares 2.0 blockchain has been collecting fees for various operations since its inception on October 13, 2015. There are 45 types of operations available on the blockchain including account operations, asset operations, transfers operations, market operations, etc.

This document reports on the various fees that have been collected on the blockchain since the blockchain's inception through June 2017. Note that these collected fees are subsequently distributed to different stakeholders during maintenance intervals. Furthermore, these fees are distributed according to dynamic parameters that are specified by stakeholders, committee members, asset issuers, and the type of account that is paying for the operational fee. To reiterate, the fees reported in this document are merely the fees collected by the blockchain network and which are later distributed to various accounts. These fees are a superset of the fees that are ultimately distributed to the blockchain's reserve pool. In addition, this document does not report on the volume of activities on the blockchain; rather it is focused on the fees collected as a result of the activities. Finally, this document does not report on the subsequent distribution of the collected fees to entities such as the network, witnesses, worker proposals, asset issuers, referrers, nor lifetime member accounts.

Every operation that occurs on the network has an associated fee that may be paid for with any asset that is available on the network.¹ The quantities that are reported in this document are all reported in terms of the asset units that were specified for fee payment (e.g. BTS, bitGold, etc.) and are not expressed in terms of any common asset unit.

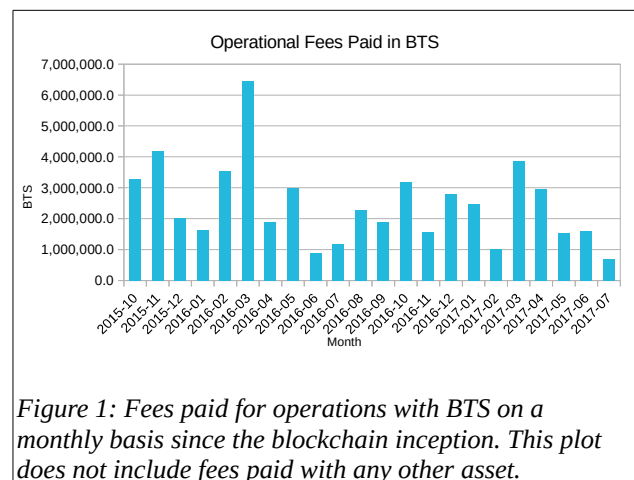
2 Summary

During July 2017, the BitShares network collected fees in 150 assets (see [Fees Collected During 2017-07](#)) across 16,686,728 operations (see [Appendix C](#)). The fees collected in the BTS asset alone amounted to 697,651. The distribution of operations contributing towards those BTS fees are shown in Table 1. The top three sources of collected fees were asset creation, account upgrades (e.g. from standard membership to lifetime membership), and limit order creation.

Table 1. The distribution of collected BTS fees across the leading types of operations during 2017-07 (rounded to the nearest integer)

Operation	Total (BTS)
Asset Create	54%
Account Upgrade	23%
Limit Order Create	14%
Account Update	4%
Transfer	2%
Limit Order Cancel	1%

From October 2015 through June 2017, the BitShares network collected fees in 504 assets across 48,396,309 operations. The total fees collected in the core asset, BTS, were 53,905,645 BTS. The monthly fees paid in BTS are plotted in Fig. 1.



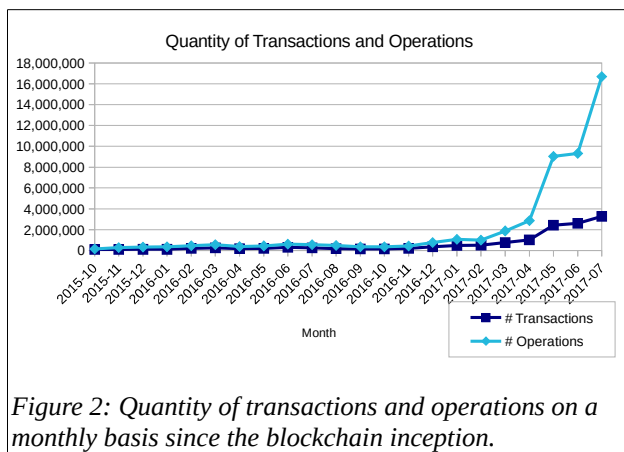
The distribution of operations contributing towards those BTS fees are shown in Table 1. The top three sources of generated fees are asset creation, account upgrades (e.g. from standard membership to lifetime membership), and account creation.

¹ However, it has been observed that most fees are paid with the blockchain's core asset, BTS.

Table 1. The distribution of collected BTS fees across the leading types of operations from 2015-10 through 2017-07 (rounded to the nearest integer)

Operation	Total (BTS)
Asset Create	49%
Account Upgrades	25%
Account Create	16%
Limit Order Create	4%
Transfer Operation	2%
Asset Publish Feed	1%
Witness Create	1%
Vesting Balance Withdrawal	1%

The monthly quantity of transaction and operations are plotted in Fig. 2.



The various values that were observed on the BitShares blockchain from October 2015 through July 2017 are reported in the Appendices. [Appendix A](#) lists the fees for every operation as a percentage of the total fees collected in each asset. This appendix can be helpful for quickly identifying the distribution of fees across operation types. [Appendix B](#) lists the nominal fees collected for every operation type. This appendix contains the detailed fees from which the percentage values in Appendix A are determined. [Appendix C](#) lists the quantities of transactions and operations.

3 Acknowledgments

Any possible errors in this document are those of the author alone.



This appendix reports on the same fees presented in percentage terms of the total fees collected for an asset. This format can be helpful for inspecting the distribution of fees across all operation types.

Table 2. Fees collected by blockchain during 2015-10 for the different operation types. The fees are presented in percentage terms of the total fees collected for an asset.

[illegible]

Table 3. Fees collected by blockchain during 2015-11 for the different operation types. The fees are presented in percentage terms of the total fees collected for an asset.

[illegible]

[illegible]

Table 5. Fees collected by blockchain during 2016-01 for the different operation types. The fees are presented in percentage terms of the total fees collected for an asset.

Asset ID	Symbol	Quantity	Transfer %	Limit Order Create %	Limit Order Cancel %	Call Order Update %	Fill Order %	Account Create %	Account Update %	Account Whitelisting %	Account Upgrade %	Account Transfer %	Asset Create %	Asset Update %	Asset Update BitAsset %	Asset Update Feed Producers %	Asset Issue %	Asset Reserve %	Asset Fund Fee Pool %	Asset Settle %	Asset Global Settle %	Asset Publish Feed	Witness Create %	Witness Update %	Proposal Create %	Proposal Update %	Proposal Deletion %	Withdraw Permission Create %	Withdraw Permission Update %	Withdraw Permission Claim %	Withdraw Permission Delete %	Committee Member Create %	Committee Member Update %	Comm. Mem. Update Global Parameters %	Vesting Balance Create %	Vesting Balance Withdraw %	Worker Create %	Custom %	Assert %	Balance Claim %	Override Transfer %	Transfer to Blind %	Blind Transfer %	Transfer from Blind %	Asset Settle Cancel %	Asset Claim Fees %	FBA Distribution %	
1.3.0	BTS	1,624,237.4	12	9	0	0	0	10	0	0	47	0	17	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.103	BTC	0.0	4	96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.105	SILVER	0.1	22	78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.106	GOLD	0.0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.113	CNY	73.2	26	74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.118	GBP	0.0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.120	EUR	4.1	17	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.121	USD	15.7	17	83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.130	HLP	0.0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.350	TRADE.BTC	0.0	9	91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.397	ALTFUND	0.5	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.422	AWCOIN	4,734.2	96	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.472	METAFEES	0.2	12	88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.541	AIWCNY	18.0	40	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.552	TIPSHARES	1,900.0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.557	QWERTY	251.1	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.569	OPENBTC	0.1	10	90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.577	OPENLTC	0.1	60	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.578	OPENDOGE	3,666.7	27	73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.579	OPENDASH	0.1	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.585	QBITS	5,000.0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.587	FRESH	1.0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.590	OPENMUSE	11,880.5	4	96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 6. Fees collected by blockchain during 2016-02 for the different operation types. The fees are presented in percentage terms of the total fees collected for an asset.

[illegible]

Table 8. Fees collected by blockchain during 2016-04 for the different operation types. The fees are presented in percentage terms of the total fees collected for an asset.

[illegible]

Table 9. Fees collected by blockchain during 2016-05 for the different operation types. The fees are presented in percentage terms of the total fees collected for an asset.

[illegible]

Table 11. Fees collected by blockchain during 2016-07 for the different operation types. The fees are presented in percentage terms of the total fees collected for an asset.

[illegible]

Asset ID	Symbol	Quantity	Transfer %	Limit Order Create %	Limit Order Cancel %	Call Order Update %	Fill Order %	Account Create %	Account Update %	Account Whitelisting %	Account Upgrade %	Account Transfer %	Asset Create %	Asset Update %	Asset Update BitAsset %	Asset Update Feed Producers %	Asset Issue %	Asset Reserve %	Asset Fund Fee Pool %	Asset Settle %	Asset Global Settle %	Asset Publish Feed	Witness Create %	Witness Update %	Proposal Create %	Proposal Update %	Proposal Deletion %	Withdraw Permission Create %	Withdraw Permission Update %	Withdraw Permission Claim %	Withdraw Permission Delete %	Committee Member Create %	Committee Member Update %	Com. Mem. Update Global Parameters %	Vesting Balance Create %	Vesting Balance Withdraw %	Worker Create %	Custom %	Assert %	Balance Claim %	Override Transfer %	Transfer to Blind %	Blind Transfer %	Transfer from Blind %	Asset Settle Cancel %	Asset Claim Fees %	FBA Distribution %	
1.3.0	BTS	2,267,779.9	1	0	0	0	0	50	0	0	30	0	15	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.103	BTC	0.0	94	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.105	SILVER	0.0	35	38	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.106	GOLD	0.0	0	60	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.113	CNY	7.4	94	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.120	EUR	0.0	96	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.121	USD	0.2	93	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.350	TRADE.BTC	0.0	99	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.422	AWCOIN	52.0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.472	METAFEES	0.0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.555	HRYVNA	3.2	0	91	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.557	QWERTY	0.0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.562	OBITS	5.2																																														

Table 13. Fees collected by blockchain during 2016-09 for the different operation types. The fees are presented in percentage terms of the total fees collected for an asset.

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Table 14. Fees collected by blockchain during 2016-10 for the different operation types. The fees are presented in percentage terms of the total fees collected for an asset.

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[illegible]

Table 16. Fees collected by blockchain during 2016-12 for the different operation types. The fees are presented in percentage terms of the total fees collected for an asset.

Asset ID	Symbol	Quantity	Transfer %	Limit Order Create %	Limit Order Cancel %	Call Order Update %	Fill Order %	Account Create %	Account Update %	Account Whitelisting %	Account Upgrade %	Account Transfer %	Asset Create %	Asset Update %	Asset Update BitAsset %	Asset Update Feed Producers %	Asset Issue %	Asset Reserve %	Asset Fund Fee Pool %	Asset Settle %	Asset Global Settle %	Asset Publish Feed	Witness Create %	Witness Update %	Proposal Create %	Proposal Update %	Proposal Deletion %	Withdraw Permission Create %	Withdraw Permission Update %	Withdraw Permission Claim %	Withdraw Permission Delete %	Committee Member Create %	Committee Member Update %	Com. Mem. Update Global Parameters %	Vesting Balance Create %	Vesting Balance Withdraw %	Worker Create %	Custom %	Assert %	Balance Claim %	Override Transfer %	Transfer to Blind %	Blind Transfer %	Transfer from Blind %	Asset Settle Cancel %	Asset Claim Fees %	FBA Distribution %	
1.3.0	BTS	2,814,512.8	1	2	0	0	0	72	0	0	13	0	11	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
1.3.103	BTC	0.0	0	98	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.105	SILVER	0.0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.106	GOLD	0.0	0	46	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.113	CNY	1.5	83	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.120	EUR	0.0	93	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.121	USD	0.2	65	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.350	TRADE.BTC	0.0	95	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.397	ALTFUND	0.1	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.422	AWCOIN	2.8	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.562	OBITS	3.5	92	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.569	OPENBTC	0.0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.585	QBITS	3,735.7	92	3	3	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.599	TRADE.MU SE	1,718.3	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.609	IOU.CNY	0.0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1.3.614	GSTAMP	1.2	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1.3.619	USDTR	46.4	6	94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.629	IOU.ABC	0.0	0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.732	ORBIT	100.0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.746	ANTSHARE	0.0	0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.757	OPEN.USD	0.0	33	67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.758	GAMEBET	2,080.0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.766	OPEN.EUR	0.0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0																														

Table 17. Fees collected by blockchain during 2017-01 for the different operation types. The fees are presented in percentage terms of the total fees collected for an asset.

Release: BitShares Collected Fees Report 2017-08-25



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Table 19. Fees collected by blockchain during 2017-03 for the different operation types. The fees are presented in percentage terms of the total fees collected for an asset.

Asset ID	Symbol	Quantity	Transfer %	Limit Order Create %	Limit Order Cancel %	Call Order Update %	Fill Order %	Account Create %	Account Update %	Account Whitelisting %	Account Upgrade %	Account Transfer %	Asset Create %	Asset Update %	Asset Update BitAsset %	Asset Update Feed Producers %	Asset Issue %	Asset Reserve %	Asset Fund Fee Pool %	Asset Settle %	Asset Global Settle %	Asset Publish Feed	Witness Create %	Witness Update %	Proposal Create %	Proposal Update %	Proposal Deletion %	Withdraw Permission Create %	Withdraw Permission Update %	Withdraw Permission Claim %	Withdraw Permission Delete %	Committee Member Create %	Committee Member Update %	Com. Mem. Update Global Parameters %	Vesting Balance Create %	Vesting Balance Withdraw %	Worker Create %	Custom %	Assert %	Balance Claim %	Override Transfer %	Transfer to Blind %	Blind Transfer %	Transfer from Blind %	Asset Settle Cancel %	Asset Claim Fees %	FBA Distribution %	
1.3.0	BTS	3,865,321.1	1	3	0	0	0	2	0	0	15	0	75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.103	BTC	0.0	0	92	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.105	SILVER	0.0	0	56	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.106	GOLD	0.0	0	42	58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.113	CNY	10.6	37	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.118	GBP	0.0	0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.120	EUR	0.2	99	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.121	USD	0.2	63	36	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.350	TRADE.BTC	0.0	98	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.552	TIPSHARES	0.2	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.562	OBITS	7.3	94	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.569	OPENBTC	0.0	99	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.585	QBITS	40.4	0	91	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.607	PERKS	0.0	0	42	58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.609	IOU.CNY	0.2	69	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.626	SANDWICH	0.0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.757	OPEN.USD	0.0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.758	GAMEBET	0.0	0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.766	OPEN.EUR	0.2	0	95	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.800	COPPERTIC KET	39.6	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.822	COMPUCEE DS	0.3	97	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.849	BTSR	0.1	0	97	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													

[illegible]

Asset ID	Symbol	Quantity	Transfer %	Limit Order Create %	Limit Order Cancel %	Call Order Update %	Fill Order %	Account Create %	Account Update %	Account Whitelisting %	Account Upgrade %	Account Transfer %	Asset Create %	Asset Update %	Asset Update BitAsset %	Asset Update Feed Producers %	Asset Issue %	Asset Reserve %	Asset Fund Fee Pool %	Asset Settle %	Asset Global Settle %	Asset Publish Feed	Witness Create %	Witness Update %	Proposal Create %	Proposal Update %	Proposal Delete %	Withdraw Permission Create %	Withdraw Permission Update %	Withdraw Permission Claim %	Withdraw Permission Delete %	Committee Member Create %	Committee Member Update %	Com. Mem. Update Global Parameters %	Vesting Balance Create %	Vesting Balance Withdraw %	Worker Create %	Custom %	Assert %	Balance Claim %	Override Transfer %	Transfer to Blind %	Blind Transfer %	Transfer from Blind %	Asset Settle Cancel %	Asset Claim Fees %	FBA Distribution %	
1.3.1044	OPEN.MAID	6.6	82	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1.3.1046	OPEN.AMP	5.6	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.1053	YINCOIN	3,666.6	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.1054	JINCOIN	3,669.0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.1056	FIMK	187,449.9	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.1057	DIGIXDAO	3,669.0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.1058	THEDAO	3,669.0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.1059	EXPANSE	3,669.0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.1060	WAVES	3,669.0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.1064	OPEN.HEAT	409.6	81	19	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1065	CRYPTOCE EDS	0.0	77	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.1070	OPEN.SBD	0.2	95	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.1079	OPEN.DEOS	0.4	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.1093	YOYOW	16,497.3	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.1094	HOTHEART	5.3	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.1139	NIHAO	0.0	0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.1140	ZCASH	0.0	79	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.1152	OPEN.GRC	20.9	81	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.1160	OPEN.GAM E	0.1	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.1161	OPEN.INCN T	25.2	94	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.1181	KAPITAL	4.3	68	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.1184	OPEN.NXC	2.6	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																							



Asset ID	Symbol	Quantity	Transfer %	Limit Order Create %	Limit Order Cancel %	Call Order Update %	Fill Order %	Account Create %	Account Update %	Account Whitelisting %	Account Upgrade %	Account Transfer %	Asset Create %	Asset Update %	Asset Update BitAsset %	Asset Update Feed Producers %	Asset Issue %	Asset Reserve %	Asset Fund Fee Pool %	Asset Settle %	Asset Global Settle %	Asset Publish Feed	Witness Create %	Witness Update %	Proposal Create %	Proposal Update %	Proposal Delete %	Withdraw Permission Create %	Withdraw Permission Update %	Withdraw Permission Claim %	Withdraw Permission Delete %	Committee Member Create %	Committee Member Update %	Com. Mem. Update Global Parameters %	Vesting Balance Create %	Vesting Balance Withdraw %	Worker Create %	Custom %	Assert %	Balance Claim %	Override Transfer %	Transfer to Blind %	Blind Transfer %	Transfer from Blind %	Asset Settle Cancel %	Asset Claim Fees %	FBA Distribution %	
1.3.1317	ZCOIN	43.8	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.1318	LILWANGS	5.7	99	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1325	RUBLE	4,801.5	16	79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1329	NECTAR	1.4	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1331	IOU.BCS	27.6	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1345	TRUMPSUCKS	17.1	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1347	EVETAB	13.7	5	95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1349	ADXSU	0.2	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1352	QORA	1.6	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1353	OPEN.EXCL	0.1	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1355	VIVACOIN	0.0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1357	OPEN.NUSHARES	73.4	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1359	TATCHCOIN	0.0	95	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1361	MYCOIN	3,666.4	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1362	HERO	0.0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1363	SBUZZ	1,803.1	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1368	TOKENOFTOKENS	0.0	92	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1374	ZAPPL	18.1	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1375	MEGATILT	1,440.0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1385	CRECE	0.1	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1386	ADXDU	1,810.0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1388	OPEN.ETP	0.5	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1389	ZENGOLD	10.4	38	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1392	NESLV	0.1	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Fees Collected During 2017-06

Table 22. Fees collected by blockchain during 2017-06 for the different operation types. The fees are presented in percentage terms of the total fees collected for an asset.

Asset ID	Symbol	Quantity	Transfer %	Limit Order Create %	Limit Order Cancel %	Call Order Update %	Fill Order %	Account Create %	Account Update %	Account Whitelisting %	Account Upgrade %	Account Transfer %	Asset Create %	Asset Update %	Asset Update BitAsset %	Asset Update Feed Producers %	Asset Issue %	Asset Reserve %	Asset Fund Fee Pool %	Asset Settle %	Asset Global Settle %	Asset Publish Feed	Witness Create %	Witness Update %	Proposal Create %	Proposal Update %	Proposal Delete %	Withdraw Permission Create %	Withdraw Permission Update %	Withdraw Permission Claim %	Withdraw Permission Delete %	Committee Member Create %	Committee Member Update %	Com. Mem. Update Global Parameters %	Vesting Balance Create %	Vesting Balance Withdraw %	Worker Create %	Custom %	Assert %	Balance Claim %	Override Transfer %	Transfer to Blind %	Blind Transfer %	Transfer from Blind %	Asset Settle Cancel %	Asset Claim Fees %	FBA Distribution %
1.3.0	BTS	1,599,002.6	1	3	0	0	0	14	0	0	16	0	64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.103	BTC	0.0	61	35	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.105	SILVER	0.1	97	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.106	GOLD	0.0	63	22	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.113	CNY	4,648.6	22	6	0	0	0	0	0	0	72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.120	EUR	0.1	48	49	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.121	USD	24.4	67	32	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



Table 24. Fees collected by the blockchain from 2015-10 through 2017-07 for the different operation types. The fees are presented in percentage terms of the total fees collected for an asset.

[illegible]

Appendix B: Fees Collected in Nominal Terms

This appendix reports only on operations for which a fee was collected. The values reported are the nominal values for each asset.

Fees Collected During 2015-10

Table 25. Fees collected by blockchain during 2015-10 for transfer operation

Asset ID	Symbol	Fee Total
1.3.0	BTS	69,772.7
1.3.103	BTC	0.0
1.3.105	SILVER	0.0
1.3.106	GOLD	0.0
1.3.113	CNY	19.7
1.3.120	EUR	1.6
1.3.121	USD	22.3
1.3.349	TRADE.LTC	0.1
1.3.350	TRADE.BTC	0.0
1.3.552	TIPSHARES	20,000.0
1.3.569	OPENBTC	0.0
1.3.577	OPENLTC	0.1
1.3.578	OPENDOGE	1,414.1
1.3.579	OPENDASH	0.1

Table 26. Fees collected by blockchain during 2015-10 for limit order create operation

Asset ID	Symbol	Fee Total
1.3.0	BTS	12,955.0
1.3.103	BTC	0.0
1.3.105	SILVER	0.1
1.3.106	GOLD	0.0
1.3.110	RUB	4.9
1.3.113	CNY	10.4
1.3.118	GBP	0.0
1.3.120	EUR	0.4
1.3.121	USD	9.5
1.3.350	TRADE.BTC	0.0
1.3.554	ELECTROTAXI	100.0
1.3.569	OPENBTC	0.0
1.3.578	OPENDOGE	3,333.3

Table 27. Fees collected by blockchain during 2015-10 for limit order cancel operation

Asset ID	Symbol	Quantity
1.3.0	BTS	28,860.0

Table 28. Fees collected by blockchain during 2015-10 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	457,572.0

Table 29. Fees collected by blockchain during 2015-10 for account update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	9,754.6

Table 30. Fees collected by blockchain during 2015-10 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,870,000.0

Table 31. Fees collected by blockchain during 2015-10 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	480,000.0

Table 32. Fees collected by blockchain during 2015-10 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	13,000.0

Table 33. Fees collected by blockchain during 2015-10 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,965.2

Table 34. Fees collected by blockchain during 2015-10 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	92.0

Table 35. Fees collected by blockchain during 2015-10 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,000.0

Table 36. Fees collected by blockchain during 2015-10 for asset publish feed operation

Asset ID	Symbol	Fee Total
1.3.0	BTS	95,599.3

Table 37. Fees collected by blockchain during 2015-10 for witness create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	250,000.0



Table 38. Fees collected by blockchain during 2015-10 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	6,060.0

Table 39. Fees collected by blockchain during 2015-10 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	300.0

Table 40. Fees collected by blockchain during 2015-10 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	19.0

Table 41. Fees collected by blockchain during 2015-10 for committee member create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	13.0

Table 42. Fees collected by blockchain during 2015-10 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	158.0

Table 43. Fees collected by blockchain during 2015-10 for worker create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	14.0

Table 44. Fees collected by blockchain during 2015-10 for transfer to blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	705.0

Table 45. Fees collected by blockchain during 2015-10 for blind transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	525.0

Table 46. Fees collected by blockchain during 2015-10 for transfer from blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	135.0

Fees Collected During 2015-11

Table 47. Fees collected by blockchain during 2015-11 for transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	161,104.2
1.3.103	BTC	0.0
1.3.106	GOLD	0.0
1.3.113	CNY	73.6
1.3.120	EUR	0.8
1.3.121	USD	15.8
1.3.349	TRADE.LTC	0.2
1.3.350	TRADE.BTC	0.0
1.3.422	AWCOIN	90.0
1.3.423	SYCOIN	360.0
1.3.472	METAFEEES	0.2
1.3.552	TIPSHARES	1,188.2
1.3.556	BOND.CNY	3.0
1.3.557	QWERTY	404.4
1.3.560	DORIAN	41.9
1.3.562	OBITS	432.5
1.3.569	OPENBTC	0.0
1.3.577	OPENLTC	0.0
1.3.578	OPENDOGE	9,726.6
1.3.579	OPENDASH	0.1
1.3.585	QBITS	75,878.9
1.3.590	OPENMUSE	2,167.3
1.3.592	METAEX.BTC	0.0
1.3.593	METAEX.ETH	0.1
1.3.594	METAEX.NXT	20.5
1.3.595	SHMACK	3.0
1.3.599	TRADE.MUSE	4,411.7
1.3.607	PERKS	53.8
1.3.609	IOU.CNY	0.1
1.3.614	GSTAMP	10,525.0
1.3.616	GREENPOINT	0.6
1.3.621	MINUTE	40.0
1.3.636	FLATEARTH	72.1
1.3.639	BTSFCX	2,190.6
1.3.642	IOU.PLS	41.8
1.3.658	FISTBUMP	1,081.5
1.3.659	OPENSESAME	94.2
1.3.660	HIGHFIVE	191.0
1.3.666	GREATIDEA	316.9
1.3.670	MEGUSTA	38.5
1.3.671	BEYONDBITCOIN	347.5
1.3.673	THANKYOU	193.3
1.3.678	KUDOS	96.3



Asset ID	Symbol	Quantity
1.3.680	PERCENT	443.4
1.3.685	BEARHUG	93.0
1.3.688	SMILE	93.0
1.3.708	TWEET	64.2

Table 48. Fees collected by blockchain during 2015-11 for limit order create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	37,270.0
1.3.103	BTC	0.0
1.3.105	SILVER	0.1
1.3.106	GOLD	0.0
1.3.110	RUB	0.0
1.3.113	CNY	52.0
1.3.120	EUR	0.6
1.3.121	USD	16.6
1.3.349	TRADE.LTC	0.0
1.3.350	TRADE.BTC	0.0
1.3.422	AWCOIN	1,010.0
1.3.423	SYCOIN	70.0
1.3.472	METAFEES	0.4
1.3.541	AIWCNY	25.2
1.3.552	TIPSHARES	360.0
1.3.556	BOND.CNY	4.0
1.3.557	QWERTY	16.7
1.3.562	OBITS	123.9
1.3.569	OPENBTC	0.0
1.3.577	OPENLTC	0.3
1.3.578	OPENDOGE	8,333.3
1.3.579	OPENDASH	0.3
1.3.580	OPENPPC	0.1
1.3.590	OPENMUSE	1,800.0
1.3.592	METAEX.BTC	0.0
1.3.594	METAEX.NXT	70.0
1.3.599	TRADE.MUSE	2,250.0
1.3.604	SHARE	20.0
1.3.607	PERKS	12.0
1.3.608	PENCIL	100.0
1.3.609	IOU.CNY	0.1
1.3.611	GNOTES	100.0
1.3.612	GBANK	3,525.0
1.3.614	GSTAMP	10,300.0
1.3.616	GREENPOINT	0.2
1.3.619	USDTR	20.0
1.3.620	SECOND	10.0
1.3.625	BREAKOUT.BTC	10.0
1.3.626	SANDWICH	10,000.0

Asset ID	Symbol	Quantity
1.3.629	IOU.ABC	0.0
1.3.637	PLATINUM	20,000.0
1.3.638	LITECOIN	70.0
1.3.639	BTSFCX	300.0
1.3.642	IOU.PLS	20.0
1.3.658	FISTBUMP	470.0
1.3.659	OPENSESAME	10.0
1.3.660	HIGHFIVE	130.0
1.3.666	GREATIDEA	250.0
1.3.670	MEGUSTA	1.0
1.3.671	BEYONDBITCOIN	40.0
1.3.672	BROFIST	10,200.0
1.3.673	THANKYOU	10.0
1.3.678	KUDOS	10.0
1.3.680	PERCENT	240.0
1.3.708	TWEET	10.0

Table 49. Fees collected by blockchain during 2015-11 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	28,880.0

Table 50. Fees collected by blockchain during 2015-11 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	449,164.0

Table 51. Fees collected by blockchain during 2015-11 for account update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	7,014.2

Table 52. Fees collected by blockchain during 2015-11 for account update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	6.0

Table 53. Fees collected by blockchain during 2015-11 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,284,000.0

Table 54. Fees collected by blockchain during 2015-11 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,150,000.0



Table 55. Fees collected by blockchain during 2015-11 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	15,967.4

Table 56. Fees collected by blockchain during 2015-11 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	6,898.9

Table 57. Fees collected by blockchain during 2015-11 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	158.0

Table 58. Fees collected by blockchain during 2015-11 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	158.0

Table 59. Fees collected by blockchain during 2015-11 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	8,000.0

Table 60. Fees collected by blockchain during 2015-11 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	26,041.6

Table 61. Fees collected by blockchain during 2015-11 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,680.0

Table 62. Fees collected by blockchain during 2015-11 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	320.0

Table 63. Fees collected by blockchain during 2015-11 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	74.0

Table 64. Fees collected by blockchain during 2015-11 for committee member create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	8.0

Table 65. Fees collected by blockchain during 2015-11 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	110.0

Table 66. Fees collected by blockchain during 2015-11 for worker create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	18.0

Table 67. Fees collected by blockchain during 2015-11 for custom operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2.0

Table 68. Fees collected by blockchain during 2015-11 for transfer to blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	80.0

Table 69. Fees collected by blockchain during 2015-11 for blind transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	105.0

Table 70. Fees collected by blockchain during 2015-11 for transfer from blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	20.0

Fees Collected During 2015-12

Table 71. Fees collected by blockchain during 2015-12 for transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	132,968.6
1.3.103	BTC	0.0
1.3.106	GOLD	0.0
1.3.113	CNY	50.2
1.3.120	EUR	0.5
1.3.121	USD	4.7
1.3.349	TRADE.LTC	0.0
1.3.350	TRADE.BTC	0.0
1.3.422	AWCOIN	6,959.8
1.3.472	METAFEEES	0.1
1.3.541	AIWCNY	13.5
1.3.560	DORIAN	0.0
1.3.562	OBITS	113.5
1.3.569	OPENBTC	0.0



Asset ID	Symbol	Quantity
1.3.577	OPENLTC	0.2
1.3.579	OPENDASH	0.3
1.3.580	OPENPPC	1.2
1.3.585	QBITS	8,261.7
1.3.590	OPENMUSE	374.5
1.3.599	TRADE.MUSE	810.5
1.3.607	PERKS	65.2
1.3.609	IOU.CNY	0.1
1.3.611	GNOTES	60.0
1.3.614	GSTAMP	2,175.0
1.3.628	BRICS	12,179.7
1.3.629	IOU.ABC	0.2
1.3.636	FLATEARTH	32.1
1.3.637	PLATINUM	63,906.2
1.3.639	BTSFCX	64.8
1.3.642	IOU.PLS	31.8
1.3.658	FISTBUMP	385.5
1.3.659	OPENSESAME	34.0
1.3.684	NEURATEST	0.6
1.3.688	SMILE	33.0
1.3.705	WARNING	32.1
1.3.734	TCNY	6.3
1.3.742	CRAPCOIN	339.9
1.3.744	SPERM	32.1
1.3.745	BLOCKCHAINFUND	90.0
1.3.747	BOSEG	90.0
1.3.749	QUANT	33.0
1.3.751	IOU.ANS	0.3
1.3.758	GAMEBET	96.3
1.3.776	OPENPOS	1.3
1.3.777	MERRY.CHRISTMAS	64.2

Table 72. Fees collected by blockchain during 2015-12 for limit order create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	50,880.0
1.3.103	BTC	0.0
1.3.105	SILVER	0.1
1.3.106	GOLD	0.0
1.3.113	CNY	34.2
1.3.118	GBP	0.1
1.3.120	EUR	0.7
1.3.121	USD	9.2
1.3.350	TRADE.BTC	0.0
1.3.422	AWCOIN	1,340.0
1.3.472	METAFEEES	0.4
1.3.541	AIWCNY	44.4

Asset ID	Symbol	Quantity
1.3.552	TIPSHARES	10.0
1.3.562	OBITS	195.4
1.3.569	OPENBTC	0.0
1.3.577	OPENLTC	0.1
1.3.578	OPENDOGE	7,333.3
1.3.579	OPENDASH	0.6
1.3.585	QBITS	10,000.0
1.3.590	OPENMUSE	4,680.0
1.3.592	METAEX.BTC	0.0
1.3.593	METAEX.ETH	0.0
1.3.594	METAEX.NXT	10.0
1.3.599	TRADE.MUSE	950.0
1.3.607	PERKS	5.0
1.3.611	GNOTES	50.0
1.3.614	GSTAMP	3,200.0
1.3.616	GREENPOINT	0.0
1.3.626	SANDWICH	10,000.0
1.3.628	BRICS	229,390.0
1.3.629	IOU.ABC	0.0
1.3.656	PETROCHINA	10.0
1.3.658	FISTBUMP	560.0
1.3.660	HIGHFIVE	20.0
1.3.666	GREATIDEA	10.0
1.3.673	THANKYOU	30.0
1.3.676	TRUST	10.0
1.3.680	PERCENT	10.0
1.3.688	SMILE	50.0
1.3.715	CREDO	10.0
1.3.720	BARRAS	12.4
1.3.724	YUAN	70.0
1.3.730	PETROBRAS	10.0
1.3.734	TCNY	7.9
1.3.742	CRAPCOIN	2,160.0
1.3.744	SPERM	20.0
1.3.745	BLOCKCHAINFUND	58.1
1.3.746	ANTSHARE	50.4
1.3.747	BOSEG	30.0
1.3.751	IOU.ANS	0.1
1.3.753	OSCAR	0.0
1.3.770	FALLOUT	10.0
1.3.771	BOTTLECAPS	20.0
1.3.776	OPENPOS	1.6
1.3.781	ABTSLA	9.0

Table 73. Fees collected by blockchain during 2015-12 for call order update operation

Asset ID	Symbol	Quantity
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1.3.0	BTS	12,830.0
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Table 74. Fees collected by blockchain during 2015-12 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	158,736.6

Table 75. Fees collected by blockchain during 2015-12 for account update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,557.6

Table 76. Fees collected by blockchain during 2015-12 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	492,000.0

Table 77. Fees collected by blockchain during 2015-12 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,095,000.0

Table 78. Fees collected by blockchain during 2015-12 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,687.2

Table 79. Fees collected by blockchain during 2015-12 for asset update BitAsset operation

Asset ID	Symbol	Quantity
1.3.0	BTS	5,000.0

Table 80. Fees collected by blockchain during 2015-12 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,883.5

Table 81. Fees collected by blockchain during 2015-12 for asset reserve operation

Asset ID	Symbol	Quantity
1.3.0	BTS	80.0

Table 82. Fees collected by blockchain during 2015-12 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	8.0

Table 83. Fees collected by blockchain during 2015-12 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	6,400.0

Table 84. Fees collected by blockchain during 2015-12 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	31,485.0

Table 85. Fees collected by blockchain during 2015-12 for witness create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	10,000.0

Table 86. Fees collected by blockchain during 2015-12 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	3,440.0

Table 87. Fees collected by blockchain during 2015-12 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,080.0

Table 88. Fees collected by blockchain during 2015-12 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	134.0

Table 89. Fees collected by blockchain during 2015-12 for committee member create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	6.0

Table 90. Fees collected by blockchain during 2015-12 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	120.0

Table 91. Fees collected by blockchain during 2015-12 for worker create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	6.0

Table 92. Fees collected by blockchain during 2015-12 for transfer to blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	120.0

Table 93. Fees collected by blockchain during 2015-12 for blind transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	60.0



Fees Collected During 2016-01

Table 94. Fees collected by blockchain during 2016-01 for transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	194,973.7
1.3.103	BTC	0.0
1.3.105	SILVER	0.0
1.3.113	CNY	19.1
1.3.120	EUR	0.7
1.3.121	USD	2.6
1.3.130	HLP	0.0
1.3.350	TRADE.BTC	0.0
1.3.422	AWCOIN	4,534.2
1.3.472	METAFEEES	0.0
1.3.541	AIWCNY	7.2
1.3.569	OPENBTC	0.0
1.3.577	OPENLTC	0.0
1.3.578	OPENDOGE	1,000.0
1.3.579	OPENDASH	0.1
1.3.587	FRESH	1.0
1.3.590	OPENMUSE	460.5
1.3.592	METAEX.BTC	0.0
1.3.599	TRADE.MUSE	648.4
1.3.607	PERKS	59.2
1.3.609	IOU.CNY	0.6
1.3.614	GSTAMP	462.1
1.3.626	SANDWICH	0.6
1.3.629	IOU.ABC	0.0
1.3.734	TCNY	1.3
1.3.747	BOSEG	32.1
1.3.749	QUANT	455.0
1.3.766	OPEN.EUR	0.1
1.3.795	IOU.LBA	6.2
1.3.798	GOLDENTICKET	64.2
1.3.799	SILVERTICKET	32.1
1.3.800	COPPERTICKET	64.2
1.3.802	PEWPS	240,820.3
1.3.803	DISRUPTDAILY	2.1
1.3.804	SPORTS.SBLAFC	32.1
1.3.808	BGIBTS	10.0
1.3.816	TRYBITSHARES	96.3
1.3.818	FREEROSS	33.0
1.3.825	IOU.LUCKY	31.9
1.3.826	OPENBKS	0.0

Table 95. Fees collected by blockchain during 2016-01 for limit order create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	152,880.0
1.3.103	BTC	0.0
1.3.105	SILVER	0.1
1.3.106	GOLD	0.0
1.3.113	CNY	54.1
1.3.118	GBP	0.0
1.3.120	EUR	3.3
1.3.121	USD	13.1
1.3.350	TRADE.BTC	0.0
1.3.397	ALTFUND	0.5
1.3.422	AWCOIN	200.0
1.3.472	METAFEEES	0.2
1.3.541	AIWCNY	10.8
1.3.552	TIPSHARES	1,900.0
1.3.557	QWERTY	251.1
1.3.569	OPENBTC	0.0
1.3.577	OPENLTC	0.0
1.3.578	OPENDOGE	2,666.7
1.3.579	OPENDASH	0.1
1.3.585	QBITS	5,000.0
1.3.590	OPENMUSE	11,420.0
1.3.592	METAEX.BTC	0.0
1.3.599	TRADE.MUSE	900.0
1.3.616	GREENPOINT	0.0
1.3.626	SANDWICH	0.4
1.3.629	IOU.ABC	631.2
1.3.660	HIGHFIVE	2,150.0
1.3.662	OPENNBT	0.0
1.3.666	GREATIDEA	1,920.0
1.3.673	THANKYOU	2,260.0
1.3.678	KUDOS	2,390.0
1.3.680	PERCENT	1,800.0
1.3.688	SMILE	2,320.0
1.3.708	TWEET	2,410.0
1.3.720	BARRAS	0.6
1.3.734	TCNY	2.2
1.3.746	ANTSHARE	1.4
1.3.750	CONNECT	0.0
1.3.766	OPEN.EUR	0.1
1.3.767	OPEN.CNY	0.3
1.3.770	FALLOUT	100.0
1.3.776	OPENPOS	14.0
1.3.781	ABTSLA	241.0
1.3.796	REPGENSIXTEEN	20.0



Asset ID	Symbol	Quantity
1.3.801	BTCPREDICT	20.0
1.3.802	PEWPS	9,000.0
1.3.804	SPORTS.SBLAFC	2,460.0
1.3.806	GRAND	0.1
1.3.808	BGIBTS	13.3
1.3.809	MILLION	0.0
1.3.814	OPEN.EMC	0.7
1.3.816	TRYBITSHARES	30.0
1.3.820	SPORTS.NFLAFC	1,450.0
1.3.821	SPORTS.NFLNFC	40.0
1.3.823	CONNECT.BTC	0.0
1.3.825	IOU.LUCKY	2,162.0
1.3.826	OPENBKS	0.1
1.3.833	WTICRUDE	150.0
1.3.834	SPFIVE	125.0
1.3.835	SWALLOW	20.0

Table 96. Fees collected by blockchain during 2016-01 for limit order cancel operation

Asset ID	Symbol	Quantity
1.3.0	BTS	589.6
1.3.678	KUDOS	3.6

Table 97. Fees collected by blockchain during 2016-01 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,029.0

Table 98. Fees collected by blockchain during 2016-01 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	166,076.9

Table 99. Fees collected by blockchain during 2016-01 for account update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	394.1

Table 100. Fees collected by blockchain during 2016-01 for account whitelisting operation

Asset ID	Symbol	Quantity
1.3.0	BTS	54.0

Table 101. Fees collected by blockchain during 2016-01 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	756,000.0

Table 102. Fees collected by blockchain during 2016-01 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	280,006.6

Table 103. Fees collected by blockchain during 2016-01 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,546.1

Table 104. Fees collected by blockchain during 2016-01 for asset update BitAsset operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,000.0

Table 105. Fees collected by blockchain during 2016-01 for asset update feed producers operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,000.0

Table 106. Fees collected by blockchain during 2016-01 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	3,405.8

Table 107. Fees collected by blockchain during 2016-01 for asset reserve operation

Asset ID	Symbol	Quantity
1.3.0	BTS	760.0

Table 108. Fees collected by blockchain during 2016-01 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	10.0

Table 109. Fees collected by blockchain during 2016-01 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	6,800.0

Table 110. Fees collected by blockchain during 2016-01 for asset global settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,000.0
1.3.796	REPGENSIXTEEN	1,000.0

Table 111. Fees collected by blockchain during 2016-01 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	30,529.8



Table 112. Fees collected by blockchain during 2016-01 for witness create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	20,000.0

Table 113. Fees collected by blockchain during 2016-01 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,760.0

Table 114. Fees collected by blockchain during 2016-01 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	923.3
1.3.120	EUR	0.1

Table 115. Fees collected by blockchain during 2016-01 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	122.5

Table 116. Fees collected by blockchain during 2016-01 for proposal delete operation

Asset ID	Symbol	Quantity
1.3.0	BTS	4.0

Table 117. Fees collected by blockchain during 2016-01 for committee member create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	6.0

Table 118. Fees collected by blockchain during 2016-01 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	262.0

Table 119. Fees collected by blockchain during 2016-01 for worker create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2.0

Table 120. Fees collected by blockchain during 2016-01 for custom operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2.0

Table 121. Fees collected by blockchain during 2016-01 for asset claim fees operation

Asset ID	Symbol	Quantity
1.3.0	BTS	100.0
1.3.820	SPORTS.NFLAFC	1,050.0

1.3.821	SPORTS.NFLNFC	2,460.0
1.3.830	REP.NOMTRUMP	2,500.0

Fees Collected During 2016-02

Table 122. Fees collected by blockchain during 2016-02 for transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	221,905.0
1.3.103	BTC	0.0
1.3.105	SILVER	0.0
1.3.113	CNY	26.7
1.3.120	EUR	1.1
1.3.121	USD	3.8
1.3.350	TRADE.BTC	0.0
1.3.422	AWCOIN	1,925.5
1.3.472	METAFEEES	0.0
1.3.541	AIWCNY	3.7
1.3.562	OBITS	95.7
1.3.569	OPENBTC	0.0
1.3.590	OPENMUSE	150.0
1.3.599	TRADE.MUSE	162.1
1.3.607	PERKS	45.8
1.3.609	IOU.CNY	0.6
1.3.614	GSTAMP	135.0
1.3.659	OPENSESAME	901.3
1.3.734	TCNY	10.6
1.3.757	OPEN.USD	0.2
1.3.766	OPEN.EUR	0.2
1.3.767	OPEN.CNY	0.4
1.3.776	OPENPOS	2.5
1.3.806	GRAND	0.0
1.3.808	BGIBTS	70.0
1.3.816	TRYBITSHARES	32.1
1.3.822	COMPUCEEDS	1,868.0
1.3.826	OPENBKS	0.0
1.3.839	SHAREBIT	680.1
1.3.841	LOCALASSET	64.8
1.3.843	FEDEV	30.0
1.3.849	BTSR	103.2
1.3.851	IOU.RMB	3.0
1.3.854	OPEN.MUSE	150.0
1.3.861	OPEN.BTC	0.0
1.3.872	KOKADUKATS	0.1
1.3.897	BTCPLUS	0.0
1.3.903	SCISHARES	1.8



Table 123. Fees collected by blockchain during 2016-02 for limit order create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	706,190.0
1.3.103	BTC	0.0
1.3.105	SILVER	0.1
1.3.106	GOLD	0.0
1.3.113	CNY	15.3
1.3.120	EUR	0.6
1.3.121	USD	7.8
1.3.350	TRADE.BTC	0.0
1.3.397	ALTFUND	0.5
1.3.422	AWCOIN	220.0
1.3.472	METAFEEES	0.1
1.3.541	AIWCNY	6.8
1.3.554	ELECTROTAXI	100.0
1.3.555	HRYVNA	100.0
1.3.562	OBITS	23.9
1.3.569	OPENBTC	0.0
1.3.588	TRADE.DASH	0.0
1.3.590	OPENMUSE	3,000.0
1.3.607	PERKS	3.0
1.3.609	IOU.CNY	37.2
1.3.614	GSTAMP	70.0
1.3.629	IOU.ABC	1,968.7
1.3.715	CREDO	10.0
1.3.734	TCNY	0.6
1.3.746	ANTSHARE	2.5
1.3.751	IOU.ANS	24.5
1.3.757	OPEN.USD	0.1
1.3.766	OPEN.EUR	0.3
1.3.776	OPENPOS	1.6
1.3.795	IOU.LBA	2,360.0
1.3.808	BGIBTS	13.3
1.3.814	OPEN.EMC	0.5
1.3.822	COMPUCEEDS	1,240.2
1.3.826	OPENBKS	0.0
1.3.829	SUGAR	110.0
1.3.833	WTICRUDE	50.0
1.3.839	SHAREBIT	22.7
1.3.843	FEDEV	20.0
1.3.847	ENDWAR	2.0
1.3.849	BTSR	10.8
1.3.850	OPEN.ETH	0.1
1.3.851	IOU.RMB	69.0
1.3.852	IOU.BO	2,500.0
1.3.853	IOU.BOO	2,500.0

Asset ID	Symbol	Quantity
1.3.854	OPEN.MUSE	1,100.0
1.3.855	OPEN.NBT	0.0
1.3.856	OPEN.NSR	20.0
1.3.857	OPEN.PPC	0.1
1.3.858	OPEN.DASH	0.0
1.3.859	OPEN.LTC	0.0
1.3.860	OPEN.DOGE	333.3
1.3.861	OPEN.BTC	0.0
1.3.870	IOU.MUSE	23.6
1.3.872	KOKADUKATS	0.1
1.3.897	BTCPLUS	0.5

Table 124. Fees collected by blockchain during 2016-02 for limit order cancel operation

Asset ID	Symbol	Quantity
1.3.0	BTS	6,828.9
1.3.629	IOU.ABC	5.2

Table 125. Fees collected by blockchain during 2016-02 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	768.0

Table 126. Fees collected by blockchain during 2016-02 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	231,524.1

Table 127. Fees collected by blockchain during 2016-02 for account update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	421.4

Table 128. Fees collected by blockchain during 2016-02 for account whitelisting operation

Asset ID	Symbol	Quantity
1.3.0	BTS	24.0

Table 129. Fees collected by blockchain during 2016-02 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	664,000.0

Table 130. Fees collected by blockchain during 2016-02 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,655,025.0



Table 131. Fees collected by blockchain during 2016-02 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,484.9

Table 132. Fees collected by blockchain during 2016-02 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	3,086.4

Table 133. Fees collected by blockchain during 2016-02 for asset reserve operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,920.0

Table 134. Fees collected by blockchain during 2016-02 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	18.0

Table 135. Fees collected by blockchain during 2016-02 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	5,200.0

Table 136. Fees collected by blockchain during 2016-02 for asset global settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,000.0

Table 137. Fees collected by blockchain during 2016-02 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	29,061.2

Table 138. Fees collected by blockchain during 2016-02 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,600.0

Table 139. Fees collected by blockchain during 2016-02 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,137.2

Table 140. Fees collected by blockchain during 2016-02 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	110.2

Table 141. Fees collected by blockchain during 2016-02 for proposal delete operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2.0

Table 142. Fees collected by blockchain during 2016-02 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	346.0

Table 143. Fees collected by blockchain during 2016-02 for worker create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	8.0

Table 144. Fees collected by blockchain during 2016-02 for custom operation

Asset ID	Symbol	Quantity
1.3.0	BTS	58.3

Table 145. Fees collected by blockchain during 2016-02 for transfer to blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	160.0

Table 146. Fees collected by blockchain during 2016-02 for blind transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	15.0

Table 147. Fees collected by blockchain during 2016-02 for transfer from blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	20.0

Table 148. Fees collected by blockchain during 2016-02 for asset claim fees operation

Asset ID	Symbol	Quantity
1.3.0	BTS	140.0

Fees Collected During 2016-03

Table 149. Fees collected by blockchain during 2016-03 for transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	63,709.5
1.3.113	CNY	4.3
1.3.120	EUR	0.1
1.3.121	USD	0.4
1.3.130	HLP	0.0



Asset ID	Symbol	Quantity
1.3.350	TRADE.BTC	0.0
1.3.422	AWCOIN	6,715.2
1.3.541	AIWCNY	13.9
1.3.562	OBITS	20.3
1.3.569	OPENBTC	0.0
1.3.577	OPENLTC	0.0
1.3.585	QBITS	8,151.7
1.3.592	METAEX.BTC	0.0
1.3.628	BRICS	709.8
1.3.639	BTSFCX	4.7
1.3.658	FISTBUMP	2.6
1.3.720	BARRAS	0.0
1.3.734	TCNY	0.3
1.3.758	GAMEBET	64.2
1.3.776	OPENPOS	0.7
1.3.808	BGIBTS	4.6
1.3.822	COMPUCEEDS	0.1
1.3.826	OPENBKS	0.0
1.3.827	SOLCERT	1.0
1.3.839	SHAREBIT	0.0
1.3.849	BTSR	22.5
1.3.850	OPEN.ETH	0.0
1.3.854	OPEN.MUSE	160.5
1.3.861	OPEN.BTC	0.0
1.3.888	BANX	0.2
1.3.897	BTCPLUS	0.0
1.3.946	KITTY	279.7
1.3.957	YXCOIN	792.6

Table 150. Fees collected by blockchain during 2016-03 for limit order create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	34,062.9
1.3.103	BTC	0.0
1.3.105	SILVER	0.0
1.3.106	GOLD	0.0
1.3.113	CNY	0.8
1.3.120	EUR	0.0
1.3.121	USD	0.8
1.3.130	HLP	0.0
1.3.349	TRADE.LTC	5.7
1.3.350	TRADE.BTC	0.0
1.3.422	AWCOIN	0.1
1.3.472	METAFEES	0.7
1.3.541	AIWCNY	0.4
1.3.562	OBITS	240.9
1.3.569	OPENBTC	0.0

Asset ID	Symbol	Quantity
1.3.585	QBITS	30,586.3
1.3.590	OPENMUSE	56.3
1.3.592	METAEX.BTC	0.0
1.3.599	TRADE.MUSE	0.7
1.3.606	IOU	500,000.0
1.3.614	GSTAMP	6.3
1.3.628	BRICS	96.8
1.3.686	THUMBSUP	2,500,000,010.0
1.3.687	THUMBSDOWN	2,500.0
1.3.734	TCNY	0.1
1.3.750	CONNECT	0.0
1.3.766	OPEN.EUR	0.1
1.3.776	OPENPOS	0.0
1.3.794	PAYBACK	2,500,000,020,000.0
1.3.808	BGIBTS	4.2
1.3.814	OPEN.EMC	15.4
1.3.822	COMPUCEEDS	0.4
1.3.823	CONNECT.BTC	0.0
1.3.825	IOU.LUCKY	0.5
1.3.829	SUGAR	530.0
1.3.839	SHAREBIT	9.5
1.3.848	CONNECT.USD	2,500.0
1.3.849	BTSR	4,846.5
1.3.850	OPEN.ETH	0.0
1.3.853	IOU.BOO	0.1
1.3.854	OPEN.MUSE	85.6
1.3.858	OPEN.DASH	0.0
1.3.860	OPEN.DOGE	65.4
1.3.861	OPEN.BTC	0.6
1.3.888	BANX	6,499.8
1.3.897	BTCPLUS	0.0
1.3.914	PEOPLE	250.1
1.3.933	MKR	251.6
1.3.936	COINDAYS	5,846,756,730.0
1.3.937	COINSECONDS	584,676,701,000,000.0
1.3.938	REPUTATION	0.0
1.3.940	REVO	233,864.4
1.3.948	PATRICK	1.8
1.3.949	TOLLFREEMINUTES	0.7
1.3.950	CAYMAN	0.0
1.3.951	IOU.AAA	3,669.1
1.3.953	OWNCOINTRAY	0.0
1.3.960	IOU.BBB	3,669.2
1.3.961	IOU.CCC	3,669.2
1.3.962	IOU.DDD	3,669.3
1.3.963	IOU.EEE	3,669.2



Asset ID	Symbol	Quantity
1.3.964	IOU.FFF	3,669.3
1.3.966	MILLIONTDD	3,669.0
1.3.967	ABJMARRYME	7.0

Table 151. Fees collected by blockchain during 2016-03 for limit order cancel operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,812.8

Table 152. Fees collected by blockchain during 2016-03 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	317.9

Table 153. Fees collected by blockchain during 2016-03 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	138,680.7

Table 154. Fees collected by blockchain during 2016-03 for account update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	148.6

Table 155. Fees collected by blockchain during 2016-03 for account whitelisting operation

Asset ID	Symbol	Quantity
1.3.0	BTS	82.1

Table 156. Fees collected by blockchain during 2016-03 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,001,820.5

Table 157. Fees collected by blockchain during 2016-03 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	5,091,580.4

Table 158. Fees collected by blockchain during 2016-03 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	27,705.5

Table 159. Fees collected by blockchain during 2016-03 for asset update BitAsset operation

Asset ID	Symbol	Quantity
1.3.0	BTS	733.8

Table 160. Fees collected by blockchain during 2016-03 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	4,986.6

Table 161. Fees collected by blockchain during 2016-03 for asset reserve operation

Asset ID	Symbol	Quantity
1.3.0	BTS	908.7

Table 162. Fees collected by blockchain during 2016-03 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,885.3

Table 163. Fees collected by blockchain during 2016-03 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	251.8

Table 164. Fees collected by blockchain during 2016-03 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	8,436.4

Table 165. Fees collected by blockchain during 2016-03 for witness create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	7,338.2

Table 166. Fees collected by blockchain during 2016-03 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	102.9

Table 167. Fees collected by blockchain during 2016-03 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	297.0

Table 168. Fees collected by blockchain during 2016-03 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	30.7

Table 169. Fees collected by blockchain during 2016-03 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	33,643.0



Table 170. Fees collected by blockchain during 2016-03 for worker create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	26,369.6

Table 171. Fees collected by blockchain during 2016-03 for custom operation

Asset ID	Symbol	Quantity
1.3.0	BTS	211.5

Table 172. Fees collected by blockchain during 2016-03 for transfer to blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	172.1

Table 173. Fees collected by blockchain during 2016-03 for asset claim fees operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,288.9

Fees Collected During 2016-04

Table 174. Fees collected by blockchain during 2016-04 for transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	20,024.9
1.3.105	SILVER	0.0
1.3.113	CNY	0.4
1.3.120	EUR	0.3
1.3.121	USD	1.1
1.3.350	TRADE.BTC	0.0
1.3.422	AWCOIN	826.8
1.3.541	AIWCNY	8.0
1.3.562	OBITS	19.9
1.3.569	OPENBTC	0.0
1.3.585	QBITS	14,466.8
1.3.590	OPENMUSE	14.0
1.3.592	METAEX.BTC	0.0
1.3.593	METAEX.ETH	0.0
1.3.607	PERKS	0.3
1.3.614	GSTAMP	33.6
1.3.616	GREENPOINT	0.0
1.3.688	SMILE	3.0
1.3.734	TCNY	0.2
1.3.747	BOSEG	2.8
1.3.758	GAMEBET	5.3
1.3.776	OPENPOS	4.1
1.3.790	TRADE.DOG	94.0

Asset ID	Symbol	Quantity
1.3.808	BGIBTS	11.1
1.3.822	COMPUCEEDS	0.0
1.3.849	BTSR	7.7
1.3.850	OPEN.ETH	0.1
1.3.854	OPEN.MUSE	26.4
1.3.859	OPEN.LTC	0.1
1.3.860	OPEN.DOG	94.0
1.3.861	OPEN.BTC	0.0
1.3.897	BTCPLUS	0.0
1.3.921	CASH.USD	2.6
1.3.933	MKR	0.1
1.3.946	KITTY	541.5
1.3.950	CAYMAN	1.0
1.3.973	OPEN.STEEM	2.8
1.3.979	OPEN.DGD	0.1
1.3.981	DUPCOIN	3,421.1
1.3.983	WORTHLESS	0.1
1.3.984	WORTHMORE	0.0
1.3.986	TRUMP	0.0
1.3.987	CLINTON	0.0
1.3.988	SANDERS	18.5
1.3.989	WASHINGTON	0.0
1.3.990	FRANKLIN	0.0
1.3.991	FREEDOM	0.0
1.3.992	UNITEDSTATES	0.0
1.3.993	EUROPE	0.0
1.3.996	YASHA	3.7
1.3.998	WETSTOCK	0.3
1.3.999	DRYSTOCK	0.1

Table 175. Fees collected by blockchain during 2016-04 for limit order create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	7,367.1
1.3.105	SILVER	0.0
1.3.106	GOLD	0.0
1.3.113	CNY	0.2
1.3.120	EUR	0.0
1.3.121	USD	0.1
1.3.349	TRADE.LTC	0.0
1.3.350	TRADE.BTC	0.0
1.3.422	AWCOIN	8.2
1.3.472	METAFEES	0.0
1.3.541	AIWCNY	0.8
1.3.554	ELECTROTAXI	13.2
1.3.555	HRYVNA	8.8
1.3.562	OBITS	0.2



Asset ID	Symbol	Quantity
1.3.569	OPENBTC	0.0
1.3.585	QBITS	1,577.7
1.3.590	OPENMUSE	6.6
1.3.592	METAEX.BTC	0.0
1.3.593	METAEX.ETH	0.0
1.3.599	TRADE.MUSE	3.7
1.3.607	PERKS	0.1
1.3.614	GSTAMP	1.2
1.3.734	TCNY	0.0
1.3.746	ANTSHARE	0.0
1.3.766	OPEN.EUR	0.0
1.3.776	OPENPOS	0.0
1.3.808	BGIBTS	44.8
1.3.814	OPEN.EMC	0.0
1.3.822	COMPUCEEDS	0.0
1.3.825	IOU.LUCKY	0.1
1.3.830	REPNOTRUMP	0.3
1.3.834	SPFIVE	0.4
1.3.839	SHAREBIT	0.0
1.3.849	BTSR	0.1
1.3.850	OPEN.ETH	0.0
1.3.854	OPEN.MUSE	36.0
1.3.859	OPEN.LTC	0.0
1.3.860	OPEN.DOG	14.7
1.3.861	OPEN.BTC	0.0
1.3.897	BTCPLUS	0.0
1.3.914	PEOPLE	1.2
1.3.933	MKR	0.0
1.3.938	REPUTATION	0.0
1.3.946	KITTY	146.8
1.3.950	CAYMAN	0.0
1.3.956	BTSPLUS	0.0
1.3.966	MILLIONTDD	1.2
1.3.972	TOYOTA	0.1
1.3.973	OPEN.STEEM	0.1
1.3.975	LISKICO	0.4
1.3.977	OPEN.LISK	1.0
1.3.979	OPEN.DGD	9.0
1.3.983	WORTHLESS	102,732.3
1.3.984	WORTHMORE	0.0
1.3.986	TRUMP	0.3
1.3.987	CLINTON	73,380.9
1.3.988	SANDERS	1,468.3
1.3.989	WASHINGTON	0.3
1.3.990	FRANKLIN	146,760.0
1.3.991	FREEDOM	293,520.0

Asset ID	Symbol	Quantity
1.3.992	UNITEDSTATES	0.0
1.3.993	EUROPE	0.0
1.3.998	WETSTOCK	0.0
1.3.999	DRYSTOCK	0.0

Table 176. Fees collected by blockchain during 2016-04 for limit order cancel operation

Asset ID	Symbol	Quantity
1.3.0	BTS	578.6
1.3.103	BTC	0.0
1.3.105	SILVER	0.0
1.3.121	USD	0.0
1.3.350	TRADE.BTC	0.0
1.3.562	OBITS	0.0
1.3.585	QBITS	29.3
1.3.800	COPPERTICKET	0.0
1.3.806	GRAND	0.0
1.3.822	COMPUCEEDS	0.0
1.3.850	OPEN.ETH	0.0
1.3.854	OPEN.MUSE	0.1
1.3.859	OPEN.LTC	0.0
1.3.861	OPEN.BTC	0.0
1.3.933	MKR	0.0
1.3.956	BTSPLUS	0.0
1.3.977	OPEN.LISK	0.0
1.3.979	OPEN.DGD	0.0
1.3.987	CLINTON	0.0
1.3.988	SANDERS	0.0
1.3.990	FRANKLIN	0.0
1.3.992	UNITEDSTATES	0.0

Table 177. Fees collected by blockchain during 2016-04 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	156.4

Table 178. Fees collected by blockchain during 2016-04 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	48,609.5

Table 179. Fees collected by blockchain during 2016-04 for account update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	86.3
1.3.850	OPEN.ETH	0.0
1.3.861	OPEN.BTC	0.0
1.3.933	MKR	0.0



Table 180. Fees collected by blockchain during 2016-04 for account whitelisting operation

Asset ID	Symbol	Quantity
1.3.0	BTS	44.0

Table 181. Fees collected by blockchain during 2016-04 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	862,969.3

Table 182. Fees collected by blockchain during 2016-04 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	836,562.1

Table 183. Fees collected by blockchain during 2016-04 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	22,031.5

Table 184. Fees collected by blockchain during 2016-04 for asset update BitAsset operation

Asset ID	Symbol	Quantity
1.3.0	BTS	733.8

Table 185. Fees collected by blockchain during 2016-04 for asset update feed producers operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,935.3

Table 186. Fees collected by blockchain during 2016-04 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	370.5

Table 187. Fees collected by blockchain during 2016-04 for asset reserve operation

Asset ID	Symbol	Quantity
1.3.0	BTS	6.2

Table 188. Fees collected by blockchain during 2016-04 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	440.3

Table 189. Fees collected by blockchain during 2016-04 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	675.1

Table 190. Fees collected by blockchain during 2016-04 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	3,845.2

Table 191. Fees collected by blockchain during 2016-04 for witness create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	36,690.9

Table 192. Fees collected by blockchain during 2016-04 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	30.8

Table 193. Fees collected by blockchain during 2016-04 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,957.9

Table 194. Fees collected by blockchain during 2016-04 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	102.3

Table 195. Fees collected by blockchain during 2016-04 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	24,362.7

Table 196. Fees collected by blockchain during 2016-04 for worker create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	7,338.2

Table 197. Fees collected by blockchain during 2016-04 for custom operation

Asset ID	Symbol	Quantity
1.3.0	BTS	22.1

Table 198. Fees collected by blockchain during 2016-04 for transfer to blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	41.1

Table 199. Fees collected by blockchain during 2016-04 for blind transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	45.0



Table 200. Fees collected by blockchain during 2016-04 for transfer from blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	61.6

Table 201. Fees collected by blockchain during 2016-04 for asset claim fees operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,467.6

Fees Collected During 2016-05

Table 202. Fees collected by blockchain during 2016-05 for transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	20,410.1
1.3.105	SILVER	0.0
1.3.113	CNY	2.5
1.3.120	EUR	0.4
1.3.121	USD	0.4
1.3.350	TRADE.BTC	0.0
1.3.422	AWCOIN	114.2
1.3.562	OBITS	10.9
1.3.569	OPENBTC	0.0
1.3.585	QBITS	21,985.2
1.3.599	TRADE.MUSE	13.2
1.3.607	PERKS	1.7
1.3.614	GSTAMP	17.1
1.3.626	SANDWICH	0.0
1.3.659	OPENSESAME	41.7
1.3.673	THANKYOU	2.8
1.3.734	TCNY	0.6
1.3.746	ANTSHARE	0.5
1.3.758	GAMEBET	5.6
1.3.776	OPENPOS	0.1
1.3.790	TRADE.DOG	281.9
1.3.808	BGIBTS	16.8
1.3.814	OPEN.EMC	0.0
1.3.822	COMPUCEEDS	0.3
1.3.827	SOLCERT	9.0
1.3.831	DEMNOCLINTON	28.0
1.3.849	BTSR	2.6
1.3.850	OPEN.ETH	0.2
1.3.854	OPEN.MUSE	97.3
1.3.855	OPEN.NBT	0.0
1.3.858	OPEN.DASH	0.0
1.3.859	OPEN.LTC	0.2

Asset ID	Symbol	Quantity
1.3.860	OPEN.DOG	94.0
1.3.861	OPEN.BTC	0.0
1.3.897	BTCPLUS	0.0
1.3.899	ENTREPRENEUR	2.6
1.3.921	CASH.USD	0.6
1.3.933	MKR	0.1
1.3.950	CAYMAN	3.2
1.3.973	OPEN.STEEM	0.2
1.3.977	OPEN.LISK	11.2
1.3.979	OPEN.DGD	0.3
1.3.984	WORTHMORE	0.0
1.3.986	TRUMP	0.0
1.3.996	YASHA	2.0
1.3.998	WETSTOCK	5.0
1.3.999	DRYSTOCK	3.3
1.3.1005	OPEN.DAO	19.6
1.3.1013	RETAILSET	9.0
1.3.1017	ARS	0.1
1.3.1018	TRANS.DAO	0.5

Table 203. Fees collected by blockchain during 2016-05 for limit order create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	9,037.8
1.3.105	SILVER	0.0
1.3.106	GOLD	0.0
1.3.113	CNY	0.1
1.3.120	EUR	0.0
1.3.121	USD	0.0
1.3.350	TRADE.BTC	0.0
1.3.554	ELECTROTAXI	16.1
1.3.555	HRYVNA	1.5
1.3.562	OBITS	0.8
1.3.585	QBITS	660.4
1.3.590	OPENMUSE	3.7
1.3.592	METAEX.BTC	0.0
1.3.599	TRADE.MUSE	16.9
1.3.607	PERKS	0.0
1.3.614	GSTAMP	0.6
1.3.776	OPENPOS	0.0
1.3.790	TRADE.DOG	19.6
1.3.802	PEWPS	14.7
1.3.806	GRAND	0.0
1.3.808	BGIBTS	7.6
1.3.814	OPEN.EMC	0.0
1.3.822	COMPUCEEDS	0.0
1.3.825	IOU.LUCKY	0.1



Asset ID	Symbol	Quantity
1.3.827	SOLCERT	3.0
1.3.832	BTCCOIN	0.9
1.3.849	BTSR	0.3
1.3.850	OPEN.ETH	0.0
1.3.854	OPEN.MUSE	41.8
1.3.859	OPEN.LTC	0.0
1.3.860	OPEN.DOG	117.4
1.3.861	OPEN.BTC	0.0
1.3.897	BTCPLUS	0.0
1.3.924	PEERPLAYS	0.5
1.3.933	MKR	0.0
1.3.938	REPUTATION	0.0
1.3.946	KITTY	117.4
1.3.949	TOLLFREEMINUTES	0.1
1.3.950	CAYMAN	0.2
1.3.971	SONY	0.1
1.3.972	TOYOTA	0.1
1.3.973	OPEN.STEEM	0.0
1.3.975	LISKICO	0.4
1.3.976	CASH.BTC	0.0
1.3.977	OPEN.LISK	6.3
1.3.979	OPEN.DGD	0.1
1.3.980	FIMKRYPTO	1.5
1.3.984	WORTHMORE	0.0
1.3.986	TRUMP	0.0
1.3.987	CLINTON	249,492.0
1.3.988	SANDERS	19,078.8
1.3.989	WASHINGTON	146,760.0
1.3.990	FRANKLIN	293,520.0
1.3.998	WETSTOCK	0.1
1.3.999	DRYSTOCK	0.1
1.3.1005	OPEN.DAO	7.9
1.3.1010	SPIES	0.0
1.3.1013	RETAILSET	0.2
1.3.1018	TRANS.DAO	90.9
1.3.1022	LISK	0.7

Table 204. Fees collected by blockchain during 2016-05 for limit order cancel operation

Asset ID	Symbol	Quantity
1.3.0	BTS	562.9
1.3.103	BTC	0.0
1.3.105	SILVER	0.0
1.3.113	CNY	0.0
1.3.120	EUR	0.0
1.3.121	USD	0.0
1.3.349	TRADE.LTC	0.0

Asset ID	Symbol	Quantity
1.3.350	TRADE.BTC	0.0
1.3.562	OBITS	0.0
1.3.569	OPENBTC	0.0
1.3.585	QBITS	36.7
1.3.590	OPENMUSE	0.1
1.3.592	METAEX.BTC	0.0
1.3.593	METAEX.ETH	0.0
1.3.607	PERKS	0.0
1.3.746	ANTSHARE	0.0
1.3.758	GAMEBET	0.0
1.3.800	COPPERTICKET	0.0
1.3.822	COMPUCCEEDS	0.0
1.3.839	SHAREBIT	0.0
1.3.849	BTSR	0.0
1.3.850	OPEN.ETH	0.0
1.3.854	OPEN.MUSE	0.3
1.3.861	OPEN.BTC	0.0
1.3.888	BANX	0.0
1.3.899	ENTREPRENEUR	0.0
1.3.933	MKR	0.0
1.3.973	OPEN.STEEM	0.0
1.3.977	OPEN.LISK	0.1
1.3.979	OPEN.DGD	0.0
1.3.992	UNITEDSTATES	0.0
1.3.1005	OPEN.DAO	0.0
1.3.1018	TRANS.DAO	0.0
1.3.1022	LISK	0.0

Table 205. Fees collected by blockchain during 2016-05 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	131.9

Table 206. Fees collected by blockchain during 2016-05 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	50,737.8

Table 207. Fees collected by blockchain during 2016-05 for account update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	161.0
1.3.121	USD	0.0
1.3.562	OBITS	0.0
1.3.585	QBITS	10,197.3
1.3.822	COMPUCCEEDS	0.0
1.3.861	OPEN.BTC	0.0



Table 208. Fees collected by blockchain during 2016-05 for account whitelisting operation

Asset ID	Symbol	Quantity
1.3.0	BTS	44.0

Table 209. Fees collected by blockchain during 2016-05 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	563,571.8
1.3.861	OPEN.BTC	0.6

Table 210. Fees collected by blockchain during 2016-05 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,260,165.4

Table 211. Fees collected by blockchain during 2016-05 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	12,635.3

Table 212. Fees collected by blockchain during 2016-05 for asset update BitAsset operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,467.6

Table 213. Fees collected by blockchain during 2016-05 for asset update feed producers operation

Asset ID	Symbol	Quantity
1.3.0	BTS	733.8

Table 214. Fees collected by blockchain during 2016-05 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	591.8

Table 215. Fees collected by blockchain during 2016-05 for asset reserve operation

Asset ID	Symbol	Quantity
1.3.0	BTS	3.1

Table 216. Fees collected by blockchain during 2016-05 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	513.7

Table 217. Fees collected by blockchain during 2016-05 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	506.3

Table 218. Fees collected by blockchain during 2016-05 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	4,727.0

Table 219. Fees collected by blockchain during 2016-05 for witness create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	7,338.2

Table 220. Fees collected by blockchain during 2016-05 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	41.1

Table 221. Fees collected by blockchain during 2016-05 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,501.6

Table 222. Fees collected by blockchain during 2016-05 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	134.1

Table 223. Fees collected by blockchain during 2016-05 for committee member create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,467.6

Table 224. Fees collected by blockchain during 2016-05 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	23,775.7

Table 225. Fees collected by blockchain during 2016-05 for worker create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	22,014.5

Table 226. Fees collected by blockchain during 2016-05 for custom operation

Asset ID	Symbol	Quantity
1.3.0	BTS	5.8

Table 227. Fees collected by blockchain during 2016-05 for asset claim fees operation

Asset ID	Symbol	Quantity
1.3.0	BTS	440.3



Fees Collected During 2016-06

Table 228. Fees collected by blockchain during 2016-06 for transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	22,333.8
1.3.105	SILVER	0.0
1.3.113	CNY	2.1
1.3.120	EUR	0.0
1.3.121	USD	0.1
1.3.350	TRADE.BTC	0.0
1.3.362	DOGECOIN	2.8
1.3.422	AWCOIN	175.9
1.3.472	METAFEES	0.0
1.3.541	AIWCNY	2.6
1.3.562	OBITS	11.0
1.3.569	OPENBTC	0.0
1.3.585	QBITS	39,331.6
1.3.590	OPENMUSE	14.0
1.3.599	TRADE.MUSE	13.9
1.3.607	PERKS	1.4
1.3.673	THANKYOU	2.8
1.3.715	CREDO	2.8
1.3.734	TCNY	0.2
1.3.758	GAMEBET	11.2
1.3.776	OPENPOS	0.7
1.3.808	BGIBTS	7.5
1.3.811	HUNDRED	0.0
1.3.822	COMPUCEEDS	1.9
1.3.827	SOLCERT	7.0
1.3.828	OPEN.BKS	0.0
1.3.849	BTSR	1.6
1.3.850	OPEN.ETH	0.1
1.3.854	OPEN.MUSE	433.3
1.3.855	OPEN.NBT	0.0
1.3.858	OPEN.DASH	0.0
1.3.859	OPEN.LTC	0.1
1.3.861	OPEN.BTC	0.0
1.3.897	BTCPLUS	0.0
1.3.921	CASH.USD	0.8
1.3.933	MKR	0.0
1.3.938	REPUTATION	0.0
1.3.943	CADASTRAL	4.3
1.3.950	CAYMAN	0.3
1.3.956	BTSPLUS	0.1
1.3.977	OPEN.LISK	22.1
1.3.979	OPEN.DGD	0.1
1.3.984	WORTHMORE	0.0

Asset ID	Symbol	Quantity
1.3.996	YASHA	3.0
1.3.998	WETSTOCK	0.0
1.3.1005	OPEN.DAO	34.1
1.3.1006	ICOO	7.4
1.3.1013	RETAILSET	0.0
1.3.1053	YINCOIN	2.7

Table 229. Fees collected by blockchain during 2016-06 for limit order create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	15,776.0
1.3.105	SILVER	0.0
1.3.106	GOLD	0.0
1.3.113	CNY	0.3
1.3.120	EUR	0.0
1.3.121	USD	0.0
1.3.350	TRADE.BTC	0.0
1.3.422	AWCOIN	0.1
1.3.438	UIATEST	14.7
1.3.439	UIATESTA	0.0
1.3.472	METAFEES	0.0
1.3.541	AIWCNY	0.0
1.3.562	OBITS	0.4
1.3.585	QBITS	146.8
1.3.590	OPENMUSE	0.7
1.3.599	TRADE.MUSE	20.5
1.3.609	IOU.CNY	0.0
1.3.642	IOU.PLS	2,406.4
1.3.746	ANTSHARE	0.0
1.3.776	OPENPOS	0.0
1.3.790	TRADE.DOG	29.4
1.3.808	BGIBTS	5.5
1.3.822	COMPUCEEDS	0.0
1.3.826	OPENBKS	0.0
1.3.828	OPEN.BKS	0.0
1.3.832	BTCOIN	11.5
1.3.849	BTSR	0.3
1.3.850	OPEN.ETH	0.0
1.3.854	OPEN.MUSE	53.6
1.3.858	OPEN.DASH	0.0
1.3.859	OPEN.LTC	0.0
1.3.860	OPEN.DOG	29.4
1.3.861	OPEN.BTC	0.0
1.3.897	BTCPLUS	0.0
1.3.921	CASH.USD	0.0
1.3.924	PEERPLAYS	0.0
1.3.933	MKR	0.0



Asset ID	Symbol	Quantity
1.3.943	CADASTRAL	0.6
1.3.950	CAYMAN	0.0
1.3.956	BTSPLUS	0.0
1.3.973	OPEN.STEEM	36.4
1.3.977	OPEN.LISK	3.1
1.3.979	OPEN.DGD	0.0
1.3.998	WETSTOCK	0.0
1.3.999	DRYSTOCK	0.0
1.3.1005	OPEN.DAO	2.8
1.3.1006	ICOO	0.0
1.3.1013	RETAILSET	0.0
1.3.1019	SASOL	0.0
1.3.1020	OPEN.MKR	1.0
1.3.1022	LISK	0.4
1.3.1048	BIBAO	0.1

Table 230. Fees collected by blockchain during 2016-06 for limit order cancel operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,542.7
1.3.113	CNY	0.0
1.3.121	USD	0.0
1.3.350	TRADE.BTC	0.0
1.3.562	OBITS	0.0
1.3.569	OPENBTC	0.0
1.3.585	QBITS	36.7
1.3.640	MONEYCLUB	0.0
1.3.658	FISTBUMP	0.0
1.3.746	ANTSHARE	0.0
1.3.758	GAMEBET	0.0
1.3.808	BGIBTS	0.0
1.3.822	COMPUCEEDS	0.0
1.3.826	OPENBKS	0.0
1.3.827	SOLCERT	10.0
1.3.849	BTSR	0.0
1.3.850	OPEN.ETH	0.0
1.3.854	OPEN.MUSE	1.0
1.3.860	OPEN.DOG	4.9
1.3.861	OPEN.BTC	0.0
1.3.921	CASH.USD	0.0
1.3.924	PEERPLAYS	0.0
1.3.933	MKR	0.0
1.3.938	REPUTATION	0.0
1.3.943	CADASTRAL	0.0
1.3.977	OPEN.LISK	0.1
1.3.979	OPEN.DGD	0.0
1.3.998	WETSTOCK	0.0

Asset ID	Symbol	Quantity
1.3.1006	ICOO	0.0
1.3.1010	SPIES	0.0

Table 231. Fees collected by blockchain during 2016-06 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	166.6

Table 232. Fees collected by blockchain during 2016-06 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	46,467.7

Table 233. Fees collected by blockchain during 2016-06 for account update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	238.3
1.3.350	TRADE.BTC	0.0
1.3.585	QBITS	11,870.8
1.3.822	COMPUCEEDS	0.0
1.3.827	SOLCERT	1.0
1.3.861	OPEN.BTC	0.0

Table 234. Fees collected by blockchain during 2016-06 for account whitelisting operation

Asset ID	Symbol	Quantity
1.3.0	BTS	88.1

Table 235. Fees collected by blockchain during 2016-06 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	281,785.9

Table 236. Fees collected by blockchain during 2016-06 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	425,618.6

Table 237. Fees collected by blockchain during 2016-06 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	19,979.7

Table 238. Fees collected by blockchain during 2016-06 for asset update BitAsset operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,201.5



Table 239. Fees collected by blockchain during 2016-06 for asset update feed producers operation

Asset ID	Symbol	Quantity
1.3.0	BTS	733.8

Table 240. Fees collected by blockchain during 2016-06 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	985.1

Table 241. Fees collected by blockchain during 2016-06 for asset reserve operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2.8

Table 242. Fees collected by blockchain during 2016-06 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	440.3

Table 243. Fees collected by blockchain during 2016-06 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	330.2

Table 244. Fees collected by blockchain during 2016-06 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	5,761.7

Table 245. Fees collected by blockchain during 2016-06 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	13.2

Table 246. Fees collected by blockchain during 2016-06 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,105.1

Table 247. Fees collected by blockchain during 2016-06 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	49.2

Table 248. Fees collected by blockchain during 2016-06 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	27,885.1

Table 249. Fees collected by blockchain during 2016-06 for worker create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	14,676.3

Table 250. Fees collected by blockchain during 2016-06 for custom operation

Asset ID	Symbol	Quantity
1.3.0	BTS	27.2

Table 251. Fees collected by blockchain during 2015-11 for override transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	5,870.5

Table 252. Fees collected by blockchain during 2016-06 for asset claim fees operation

Asset ID	Symbol	Quantity
1.3.0	BTS	733.8

Fees Collected During 2016-07

Table 253. Fees collected by blockchain during 2016-07 for transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	20,415.3
1.3.105	SILVER	0.0
1.3.113	CNY	6.7
1.3.121	USD	0.1
1.3.350	TRADE.BTC	0.0
1.3.422	AWCOIN	26.5
1.3.554	ELECTROTAXI	28.0
1.3.562	OBITS	8.8
1.3.569	OPENBTC	0.0
1.3.585	QBITS	8,989.8
1.3.590	OPENMUSE	13.9
1.3.599	TRADE.MUSE	110.6
1.3.614	GSTAMP	16.9
1.3.670	MEGUSTA	1.1
1.3.757	OPEN.USD	0.1
1.3.766	OPEN.EUR	0.0
1.3.776	OPENPOS	0.3
1.3.790	TRADE.DOGE	93.2
1.3.808	BGIBTS	2.8
1.3.822	COMPUCEEDS	0.4
1.3.827	SOLCERT	3.0
1.3.849	BTSR	3.7
1.3.850	OPEN.ETH	0.1



Asset ID	Symbol	Quantity
1.3.854	OPEN.MUSE	125.3
1.3.858	OPEN.DASH	0.0
1.3.859	OPEN.LTC	0.0
1.3.860	OPEN.DOG	182.0
1.3.861	OPEN.BTC	0.0
1.3.897	BTCPLUS	0.0
1.3.921	CASH.USD	9.2
1.3.924	PEERPLAYS	0.1
1.3.933	MKR	0.0
1.3.943	CADASTRAL	0.8
1.3.946	KITTY	1,109.4
1.3.950	CAYMAN	0.4
1.3.970	FUNC	0.9
1.3.979	OPEN.DGD	0.0
1.3.980	FIMKRYPTO	28.7
1.3.984	WORTHMORE	0.0
1.3.996	YASHA	3.0
1.3.998	WETSTOCK	0.1
1.3.999	DRYSTOCK	0.0
1.3.1005	OPEN.DAO	14.2
1.3.1006	ICOO	2.9
1.3.1010	SPIES	0.0
1.3.1013	RETAILSET	0.0
1.3.1056	FIMK	194.7
1.3.1064	OPEN.HEAT	3,007.3
1.3.1069	OPEN.ARD	5.8
1.3.1079	OPEN.DEOS	56.9

Table 254. Fees collected by blockchain during 2016-07 for limit order create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	13,967.1
1.3.105	SILVER	0.0
1.3.106	GOLD	0.0
1.3.113	CNY	0.6
1.3.118	GBP	0.0
1.3.121	USD	0.0
1.3.350	TRADE.BTC	0.0
1.3.397	ALTFUND	0.1
1.3.562	OBITS	0.3
1.3.585	QBITS	220.1
1.3.590	OPENMUSE	14.7
1.3.599	TRADE.MUSE	2.2
1.3.609	IOU.CNY	0.0
1.3.614	GSTAMP	0.6
1.3.616	GREENPOINT	0.0
1.3.619	USDTR	0.1

Asset ID	Symbol	Quantity
1.3.670	MEGUSTA	0.0
1.3.746	ANTSHARE	0.0
1.3.757	OPEN.USD	0.0
1.3.766	OPEN.EUR	0.3
1.3.776	OPENPOS	0.0
1.3.802	PEWPS	14.7
1.3.808	BGIBTS	0.3
1.3.822	COMPUCEEDS	0.0
1.3.825	IOU.LUCKY	0.1
1.3.828	OPEN.BKS	0.0
1.3.849	BTSR	0.2
1.3.850	OPEN.ETH	0.0
1.3.854	OPEN.MUSE	44.0
1.3.857	OPEN.PPC	0.0
1.3.858	OPEN.DASH	0.0
1.3.859	OPEN.LTC	0.0
1.3.860	OPEN.DOG	39.1
1.3.861	OPEN.BTC	0.0
1.3.897	BTCPLUS	0.0
1.3.924	PEERPLAYS	0.0
1.3.933	MKR	0.0
1.3.943	CADASTRAL	0.1
1.3.950	CAYMAN	0.1
1.3.966	MILLIONTDD	0.1
1.3.970	FUNC	0.0
1.3.977	OPEN.LISK	1.6
1.3.979	OPEN.DGD	0.0
1.3.980	FIMKRYPTO	48.1
1.3.983	WORTHLESS	88,056.0
1.3.984	WORTHMORE	0.0
1.3.998	WETSTOCK	0.0
1.3.999	DRYSTOCK	0.0
1.3.1005	OPEN.DAO	0.6
1.3.1006	ICOO	0.1
1.3.1013	RETAILSET	0.0
1.3.1018	TRANS.DAO	0.0
1.3.1020	OPEN.MKR	0.7
1.3.1056	FIMK	90.4
1.3.1061	ARTHURCOIN	44.0
1.3.1064	OPEN.HEAT	19.1
1.3.1065	CRYPTOCEEDS	0.0
1.3.1066	SSTEEM	0.3
1.3.1069	OPEN.ARD	0.6
1.3.1080	FAISAL	0.4



Table 255. Fees collected by blockchain during 2016-07 for limit order cancel operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,139.0
1.3.105	SILVER	0.0
1.3.113	CNY	0.0
1.3.120	EUR	0.0
1.3.121	USD	0.0
1.3.349	TRADE.LTC	0.0
1.3.350	TRADE.BTC	0.0
1.3.562	OBITS	0.0
1.3.569	OPENBTC	0.0
1.3.585	QBITS	47.7
1.3.590	OPENMUSE	0.1
1.3.614	GSTAMP	0.0
1.3.629	IOU.ABC	0.0
1.3.746	ANTSHARE	0.0
1.3.757	OPEN.USD	0.1
1.3.766	OPEN.EUR	0.0
1.3.800	COPPERTICKET	0.2
1.3.814	OPEN.EMC	0.0
1.3.822	COMPUCEEDS	0.0
1.3.825	IOU.LUCKY	0.0
1.3.827	SOLCERT	1.0
1.3.839	SHAREBIT	0.0
1.3.849	BTSR	0.0
1.3.850	OPEN.ETH	0.0
1.3.854	OPEN.MUSE	1.4
1.3.855	OPEN.NBT	0.0
1.3.860	OPEN.DOG	0.5
1.3.861	OPEN.BTC	0.0
1.3.924	PEERPLAYS	0.0
1.3.933	MKR	0.0
1.3.943	CADASTRAL	0.0
1.3.976	CASH.BTC	0.0
1.3.1006	ICOO	0.0
1.3.1056	FIMK	0.3
1.3.1064	OPEN.HEAT	0.3

Table 256. Fees collected by blockchain during 2016-07 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	145.9

Table 257. Fees collected by blockchain during 2016-07 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	283,953.0

Table 258. Fees collected by blockchain during 2016-07 for account update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	86.9
1.3.113	CNY	0.1
1.3.585	QBITS	367.8
1.3.822	COMPUCEEDS	0.0
1.3.826	OPENBKS	0.0
1.3.827	SOLCERT	3.0
1.3.860	OPEN.DOG	19.8
1.3.861	OPEN.BTC	0.0
1.3.907	WECHAT	0.3
1.3.933	MKR	0.0

Table 259. Fees collected by blockchain during 2016-07 for account whitelisting operation

Asset ID	Symbol	Quantity
1.3.0	BTS	58.7

Table 260. Fees collected by blockchain during 2016-07 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	634,018.2

Table 261. Fees collected by blockchain during 2016-07 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	161,448.1

Table 262. Fees collected by blockchain during 2016-07 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	10,880.3

Table 263. Fees collected by blockchain during 2016-07 for asset update feed producers operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,467.6

Table 264. Fees collected by blockchain during 2016-07 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	263.8

Table 265. Fees collected by blockchain during 2016-07 for asset reserve operation

Asset ID	Symbol	Quantity
1.3.0	BTS	3.1



Table 266. Fees collected by blockchain during 2016-07 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	293.5

Table 267. Fees collected by blockchain during 2016-07 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	132.1

Table 268. Fees collected by blockchain during 2016-07 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	5,356.2

Table 269. Fees collected by blockchain during 2016-07 for witness create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	7,338.2

Table 270. Fees collected by blockchain during 2016-07 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	36.7

Table 271. Fees collected by blockchain during 2016-07 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	3,021.2

Table 272. Fees collected by blockchain during 2016-07 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	165.2

Table 273. Fees collected by blockchain during 2016-07 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	19,666.3

Table 274. Fees collected by blockchain during 2016-07 for worker create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	7,338.2

Table 275. Fees collected by blockchain during 2016-07 for custom operation

Asset ID	Symbol	Quantity
1.3.0	BTS	12.1

Table 276. Fees collected by blockchain during 2016-07 for override transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,467.6

Table 277. Fees collected by blockchain during 2016-07 for asset claim fees operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,201.5

Fees Collected During 2016-08

Table 278. Fees collected by blockchain during 2016-08 for transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	26,548.3
1.3.103	BTC	0.0
1.3.105	SILVER	0.0
1.3.113	CNY	7.0
1.3.120	EUR	0.0
1.3.121	USD	0.2
1.3.350	TRADE.BTC	0.0
1.3.422	AWCOIN	52.0
1.3.562	OBITS	4.7
1.3.585	QBITS	9,077.2
1.3.590	OPENMUSE	109.8
1.3.599	TRADE.MUSE	222.3
1.3.609	IOU.CNY	1.5
1.3.614	GSTAMP	5.7
1.3.629	IOU.ABC	7.9
1.3.670	MEGUSTA	0.3
1.3.745	BLOCKCHAINFUND	2.5
1.3.746	ANTSHARE	0.3
1.3.757	OPEN.USD	0.0
1.3.766	OPEN.EUR	0.0
1.3.776	OPENPOS	0.3
1.3.808	BGIBTS	1.9
1.3.822	COMPUCEEDS	1.9
1.3.827	SOLCERT	6.0
1.3.849	BTSR	10.3
1.3.850	OPEN.ETH	0.1
1.3.854	OPEN.MUSE	41.3
1.3.855	OPEN.NBT	0.0
1.3.857	OPEN.PPC	0.0
1.3.858	OPEN.DASH	0.0
1.3.859	OPEN.LTC	0.0
1.3.861	OPEN.BTC	0.0



Asset ID	Symbol	Quantity
1.3.897	BTCPLUS	0.0
1.3.899	ENTREPRENEUR	5.4
1.3.907	WECHAT	2.9
1.3.921	CASH.USD	0.0
1.3.924	PEERPLAYS	0.0
1.3.933	MKR	0.0
1.3.943	CADASTRAL	1.5
1.3.950	CAYMAN	0.4
1.3.970	FUNC	1.8
1.3.977	OPEN.LISK	5.6
1.3.979	OPEN.DGD	0.0
1.3.980	FIMKRYPTO	200.7
1.3.984	WORTHMORE	0.0
1.3.994	JINBI	21.3
1.3.998	WETSTOCK	0.0
1.3.999	DRYSTOCK	0.0
1.3.1006	ICOO	0.7
1.3.1010	SPIES	0.0
1.3.1013	RETAILSET	0.0
1.3.1044	OPEN.MAID	2.8
1.3.1056	FIMK	95.6
1.3.1064	OPEN.HEAT	878.3
1.3.1069	OPEN.ARDR	2.9
1.3.1070	OPEN.SBD	8.4
1.3.1079	OPEN.DEOS	41.1
1.3.1081	ETCOIN	0.2
1.3.1100	RISKER	0.1
1.3.1104	BLKONE	2.8

Table 279. Fees collected by blockchain during 2016-08 for limit order create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	9,396.2
1.3.103	BTC	0.0
1.3.105	SILVER	0.0
1.3.106	GOLD	0.0
1.3.113	CNY	0.4
1.3.120	EUR	0.0
1.3.121	USD	0.0
1.3.350	TRADE.BTC	0.0
1.3.472	METAFEEES	0.0
1.3.555	HRYVNA	2.9
1.3.557	QWERTY	0.0
1.3.562	OBITS	0.4
1.3.585	QBITS	293.5
1.3.590	OPENMUSE	5.9
1.3.599	TRADE.MUSE	0.7

Asset ID	Symbol	Quantity
1.3.607	PERKS	0.0
1.3.609	IOU.CNY	0.0
1.3.629	IOU.ABC	0.1
1.3.757	OPEN.USD	0.1
1.3.766	OPEN.EUR	0.2
1.3.776	OPENPOS	0.0
1.3.822	COMPUCEEDS	0.0
1.3.827	SOLCERT	2.0
1.3.832	BTCOIN	0.4
1.3.849	BTSR	0.2
1.3.850	OPEN.ETH	0.0
1.3.854	OPEN.MUSE	29.4
1.3.858	OPEN.DASH	0.0
1.3.860	OPEN.DOGIE	29.4
1.3.861	OPEN.BTC	0.0
1.3.897	BTCPLUS	0.0
1.3.924	PEERPLAYS	0.1
1.3.933	MKR	0.0
1.3.943	CADASTRAL	0.1
1.3.950	CAYMAN	0.1
1.3.970	FUNC	0.0
1.3.977	OPEN.LISK	0.7
1.3.979	OPEN.DGD	0.0
1.3.980	FIMKRYPTO	45.1
1.3.998	WETSTOCK	0.0
1.3.999	DRYSTOCK	0.0
1.3.1005	OPEN.DAO	1.9
1.3.1006	ICOO	0.1
1.3.1013	RETAILSET	0.0
1.3.1042	OPEN.USDT	0.0
1.3.1045	OPEN.EURT	0.0
1.3.1056	FIMK	44.2
1.3.1064	OPEN.HEAT	17.6
1.3.1065	CRYPTOCCEEDS	0.0
1.3.1069	OPEN.ARDR	0.1
1.3.1070	OPEN.SBD	0.1
1.3.1079	OPEN.DEOS	0.1
1.3.1080	FAISAL	0.1
1.3.1081	ETCOIN	0.0
1.3.1100	RISKER	0.0
1.3.1110	PINGAN	3,669.0
1.3.1111	JIANKANG	3,669.0
1.3.1112	ENTER	3,669.0
1.3.1113	HELLO	3,669.0
1.3.1114	WENHUA	3,669.0
1.3.1115	BAOXIAN	3,669.0



Asset ID	Symbol	Quantity
1.3.1116	BAIDU	3,669.0
1.3.1117	TMALL	3,669.0
1.3.1118	HOTEL	3,669.0
1.3.1126	CNRMB	3,669.0

Table 280. Fees collected by blockchain during 2016-08 for limit order cancel operation

Asset ID	Symbol	Quantity
1.3.0	BTS	595.4
1.3.103	BTC	0.0
1.3.105	SILVER	0.0
1.3.106	GOLD	0.0
1.3.113	CNY	0.0
1.3.121	USD	0.0
1.3.350	TRADE.BTC	0.0
1.3.555	HRYVNA	0.3
1.3.562	OBITS	0.0
1.3.569	OPENBTC	0.0
1.3.585	QBITS	47.7
1.3.590	OPENMUSE	0.2
1.3.592	METAEX.BTC	0.0
1.3.599	TRADE.MUSE	0.3
1.3.609	IOU.CNY	0.0
1.3.670	MEGUSTA	0.0
1.3.745	BLOCKCHAINFUND	0.0
1.3.758	GAMEBET	0.1
1.3.776	OPENPOS	0.0
1.3.822	COMPUCEEDS	0.0
1.3.827	SOLCERT	10.0
1.3.849	BTSR	0.0
1.3.850	OPEN.ETH	0.0
1.3.854	OPEN.MUSE	0.7
1.3.861	OPEN.BTC	0.0
1.3.924	PEERPLAYS	0.0
1.3.933	MKR	0.0
1.3.943	CADASTRAL	0.0
1.3.977	OPEN.LISK	0.0
1.3.979	OPEN.DGD	0.0
1.3.980	FIMKRYPTO	0.9
1.3.1005	OPEN.DAO	0.0
1.3.1006	ICOO	0.0
1.3.1010	SPIES	0.0
1.3.1056	FIMK	0.2
1.3.1064	OPEN.HEAT	0.3
1.3.1100	RISKER	0.0

Table 281. Fees collected by blockchain during 2016-08 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	159.5

Table 282. Fees collected by blockchain during 2016-08 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,145,075.6

Table 283. Fees collected by blockchain during 2016-08 for account update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	113.3
1.3.113	CNY	0.0
1.3.585	QBITS	221.2
1.3.745	BLOCKCHAINFUND	0.3
1.3.822	COMPUCEEDS	0.0
1.3.861	OPEN.BTC	0.0
1.3.897	BTCPLUS	0.0
1.3.924	PEERPLAYS	0.0
1.3.933	MKR	0.0

Table 284. Fees collected by blockchain during 2016-08 for account whitelisting operation

Asset ID	Symbol	Quantity
1.3.0	BTS	132.1

Table 285. Fees collected by blockchain during 2016-08 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	686,853.1

Table 286. Fees collected by blockchain during 2016-08 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	337,569.1

Table 287. Fees collected by blockchain during 2016-08 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	14,693.6

Table 288. Fees collected by blockchain during 2016-08 for asset update BitAsset operation

Asset ID	Symbol	Quantity
1.3.0	BTS	4,402.9



Table 289. Fees collected by blockchain during 2016-08 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	220.5

Table 290. Fees collected by blockchain during 2016-08 for asset reserve operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2.2

Table 291. Fees collected by blockchain during 2016-08 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	146.8

Table 292. Fees collected by blockchain during 2016-08 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	168.8

Table 293. Fees collected by blockchain during 2016-08 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	5,076.5

Table 294. Fees collected by blockchain during 2016-08 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	36.7

Table 295. Fees collected by blockchain during 2016-08 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	3,088.6

Table 296. Fees collected by blockchain during 2016-08 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	171.3

Table 297. Fees collected by blockchain during 2016-08 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	30,820.3

Table 298. Fees collected by blockchain during 2016-08 for custom operation

Asset ID	Symbol	Quantity
1.3.0	BTS	14.3

Table 299. Fees collected by blockchain during 2016-08 for override transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,054.7

Table 300. Fees collected by blockchain during 2016-08 for asset claim fees operation

Asset ID	Symbol	Quantity
1.3.0	BTS	440.3

Fees Collected During 2016-09

Table 301. Fees collected by blockchain during 2016-09 for transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	24,063.0
1.3.103	BTC	0.0
1.3.106	GOLD	0.0
1.3.113	CNY	2.4
1.3.121	USD	0.1
1.3.422	AWCOIN	104.1
1.3.541	AIWCNY	1.3
1.3.562	OBITS	2.5
1.3.569	OPENBTC	0.0
1.3.585	QBITS	7,585.8
1.3.599	TRADE.MUSE	97.5
1.3.609	IOU.CNY	0.1
1.3.746	ANTSHARE	0.2
1.3.776	OPENPOS	0.1
1.3.822	COMPUCEEDS	1.2
1.3.849	BTSR	9.1
1.3.850	OPEN.ETH	0.1
1.3.857	OPEN.PPC	0.1
1.3.858	OPEN.DASH	0.0
1.3.860	OPEN.DOGE	93.2
1.3.861	OPEN.BTC	0.0
1.3.897	BTCPLUS	0.0
1.3.921	CASH.USD	0.1
1.3.924	PEERPLAYS	0.0
1.3.933	MKR	0.0
1.3.943	CADASTRAL	0.4
1.3.946	KITTY	2,496.2
1.3.950	CAYMAN	0.1
1.3.970	FUNC	1.5
1.3.977	OPEN.LISK	2.8
1.3.979	OPEN.DGD	0.0
1.3.986	TRUMP	0.0



Asset ID	Symbol	Quantity
1.3.994	JINBI	4.1
1.3.998	WETSTOCK	0.0
1.3.1006	ICOO	0.1
1.3.1010	SPIES	0.0
1.3.1013	RETAILSET	0.0
1.3.1020	OPEN.MKR	2.8
1.3.1042	OPEN.USDT	0.1
1.3.1043	OPEN.AGRS	2.8
1.3.1044	OPEN.MAID	14.1
1.3.1056	FIMK	40.1
1.3.1065	CRYPTOCEEDS	0.0
1.3.1071	HONGLI	0.2
1.3.1072	BLOCKPAY	55.5
1.3.1079	OPEN.DEOS	5.6
1.3.1081	ETCOIN	0.1
1.3.1100	RISKER	0.2
1.3.1109	YYBTS	309,353.0
1.3.1139	NIHAO	66.3
1.3.1144	BAHT	0.0
1.3.1160	OPEN.GAME	1.4

Table 302. Fees collected by blockchain during 2016-09 for limit order create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	5,530.7
1.3.103	BTC	0.0
1.3.105	SILVER	0.0
1.3.106	GOLD	0.0
1.3.113	CNY	0.3
1.3.121	USD	0.0
1.3.130	HLP	0.0
1.3.350	TRADE.BTC	0.0
1.3.362	DOGECOIN	97.2
1.3.397	ALTFUND	999.8
1.3.472	METAFEEES	0.0
1.3.552	TIPSHARES	0.3
1.3.554	ELECTROTAXI	24,741.5
1.3.555	HRYVNA	24,886.0
1.3.562	OBITS	0.4
1.3.569	OPENBTC	0.0
1.3.585	QBITS	513.7
1.3.590	OPENMUSE	16,256.7
1.3.599	TRADE.MUSE	4,628.6
1.3.607	PERKS	202.5
1.3.609	IOU.CNY	0.0
1.3.629	IOU.ABC	0.3
1.3.670	MEGUSTA	237.9

Asset ID	Symbol	Quantity
1.3.746	ANTSHARE	0.0
1.3.757	OPEN.USD	4.0
1.3.766	OPEN.EUR	3.3
1.3.767	OPEN.CNY	30.5
1.3.771	BOTTLECAPS	2,480.0
1.3.776	OPENPOS	0.0
1.3.790	TRADE.DOG	14.7
1.3.806	GRAND	0.0
1.3.808	BGIBTS	619.3
1.3.809	MILLION	0.0
1.3.822	COMPUCEEDS	11.5
1.3.826	OPENBKS	1.1
1.3.827	SOLCERT	159.0
1.3.829	SUGAR	1,858.1
1.3.832	BTCOIN	2,487.3
1.3.849	BTSR	51.8
1.3.850	OPEN.ETH	0.0
1.3.854	OPEN.MUSE	10,072.5
1.3.856	OPEN.NSR	0.9
1.3.857	OPEN.PPC	0.0
1.3.858	OPEN.DASH	0.0
1.3.859	OPEN.LTC	0.0
1.3.860	OPEN.DOG	39,912.5
1.3.861	OPEN.BTC	0.0
1.3.865	ZARBTS	13.9
1.3.872	KOKADUKATS	6.1
1.3.897	BTCPLUS	0.0
1.3.911	MINUTES	2,500.0
1.3.913	TIMEKOIN	998.0
1.3.924	PEERPLAYS	0.0
1.3.933	MKR	0.0
1.3.943	CADASTRAL	50.6
1.3.950	CAYMAN	15.7
1.3.952	ALTCAP	0.0
1.3.966	MILLIONTDD	1,998.0
1.3.970	FUNC	9,779.9
1.3.977	OPEN.LISK	0.4
1.3.979	OPEN.DGD	0.0
1.3.980	FIMKRYPTO	6.0
1.3.984	WORTHMORE	0.0
1.3.986	TRUMP	0.0
1.3.987	CLINTON	14,676.0
1.3.988	SANDERS	1,467.6
1.3.994	JINBI	0.2
1.3.998	WETSTOCK	4.3
1.3.999	DRYSTOCK	4.8



Asset ID	Symbol	Quantity
1.3.1005	OPEN.DAO	0.6
1.3.1006	ICOO	0.1
1.3.1010	SPIES	0.0
1.3.1013	RETAILSET	4.1
1.3.1017	ARS	0.0
1.3.1019	SASOL	0.4
1.3.1042	OPEN.USDT	0.0
1.3.1044	OPEN.MAID	0.1
1.3.1046	OPEN.AMP	0.3
1.3.1047	GRIDCOIN	0.1
1.3.1056	FIMK	9,971.0
1.3.1061	ARTHURCOIN	5,000.0
1.3.1064	OPEN.HEAT	26.4
1.3.1065	CRYPTOCEEDS	3.7
1.3.1066	SSTEEM	3,668.3
1.3.1069	OPEN.ARDR	0.1
1.3.1071	HONGLI	146.0
1.3.1072	BLOCKPAY	0.5
1.3.1077	ETHWAR	3,667.2
1.3.1079	OPEN.DEOS	0.4
1.3.1097	BTSBUG	3,669.0
1.3.1100	RISKER	0.2
1.3.1108	PAYMASTER	1.0
1.3.1127	VIDEO	3,669.0
1.3.1128	SOUND	3,669.0
1.3.1129	PHONE	3,669.0
1.3.1130	VIRUS	3,669.0
1.3.1131	MODEL	3,669.0
1.3.1132	PHOTO	3,669.0
1.3.1133	MOUSE	3,669.0
1.3.1139	NIHAO	441.7
1.3.1140	ZCASH	1.0
1.3.1141	SURPRISE	3,669.0
1.3.1146	JAPAN	3,669.0
1.3.1152	OPEN.GRC	1.5

Table 303. Fees collected by blockchain during 2016-09 for limit order cancel operation

Asset ID	Symbol	Quantity
1.3.0	BTS	312.1
1.3.103	BTC	0.0
1.3.105	SILVER	0.0
1.3.113	CNY	0.0
1.3.121	USD	0.0
1.3.562	OBITS	0.0
1.3.569	OPENBTC	0.0
1.3.585	QBITS	18.3

Asset ID	Symbol	Quantity
1.3.590	OPENMUSE	0.1
1.3.599	TRADE.MUSE	0.7
1.3.614	GSTAMP	0.0
1.3.746	ANTSHARE	0.0
1.3.757	OPEN.USD	0.0
1.3.766	OPEN.EUR	0.0
1.3.822	COMPUCEEDS	0.0
1.3.825	IOU.LUCKY	0.0
1.3.849	BTSR	0.0
1.3.850	OPEN.ETH	0.0
1.3.856	OPEN.NSR	0.0
1.3.857	OPEN.PPC	0.0
1.3.859	OPEN.LTC	0.0
1.3.861	OPEN.BTC	0.0
1.3.924	PEERPLAYS	0.0
1.3.943	CADASTRAL	0.0
1.3.970	FUNC	0.0
1.3.977	OPEN.LISK	0.1
1.3.979	OPEN.DGD	0.0
1.3.1006	ICOO	0.0
1.3.1022	LISK	0.0
1.3.1042	OPEN.USDT	0.0
1.3.1044	OPEN.MAID	0.0
1.3.1046	OPEN.AMP	0.0
1.3.1064	OPEN.HEAT	0.3
1.3.1072	BLOCKPAY	0.0
1.3.1100	RISKER	0.0
1.3.1109	YYBTS	14.7
1.3.1139	NIHAO	0.0
1.3.1140	ZCASH	0.0
1.3.1152	OPEN.GRC	0.0

Table 304. Fees collected by blockchain during 2016-09 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	108.9

Table 305. Fees collected by blockchain during 2016-09 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	739,063.0

Table 306. Fees collected by blockchain during 2016-09 for account update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	85.8
1.3.585	QBITS	146.6



Asset ID	Symbol	Quantity
1.3.659	OPENSESAME	0.5
1.3.822	COMPUCEEDS	0.0
1.3.861	OPEN.BTC	0.0

Table 307. Fees collected by blockchain during 2016-09 for account whitelisting operation

Asset ID	Symbol	Quantity
1.3.0	BTS	102.7

Table 308. Fees collected by blockchain during 2016-09 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	545,960.1

Table 309. Fees collected by blockchain during 2016-09 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	528,355.3

Table 310. Fees collected by blockchain during 2016-09 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	6,170.6

Table 311. Fees collected by blockchain during 2016-09 for asset update BitAsset operation

Asset ID	Symbol	Quantity
1.3.0	BTS	733.8

Table 312. Fees collected by blockchain during 2016-09 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	283.9

Table 313. Fees collected by blockchain during 2016-09 for asset reserve operation

Asset ID	Symbol	Quantity
1.3.0	BTS	5.3

Table 314. Fees collected by blockchain during 2016-09 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,467.6

Table 315. Fees collected by blockchain during 2016-09 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	124.7

Table 316. Fees collected by blockchain during 2016-09 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	4,030.2

Table 317. Fees collected by blockchain during 2016-09 for witness create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	7,338.2

Table 318. Fees collected by blockchain during 2016-09 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	22.0

Table 319. Fees collected by blockchain during 2016-09 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,904.0

Table 320. Fees collected by blockchain during 2016-09 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	178.9

Table 321. Fees collected by blockchain during 2016-09 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	17,905.1

Table 322. Fees collected by blockchain during 2016-09 for worker create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	14,676.3

Table 323. Fees collected by blockchain during 2016-09 for custom operation

Asset ID	Symbol	Quantity
1.3.0	BTS	9.0

Table 324. Fees collected by blockchain during 2016-09 for override transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,174.1

Table 325. Fees collected by blockchain during 2016-09 for asset claim fees operation

Asset ID	Symbol	Quantity
1.3.0	BTS	733.8



Fees Collected During 2016-10

Table 326. Fees collected by blockchain during 2016-10 for transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	14,218.0
1.3.103	BTC	0.0
1.3.105	SILVER	0.0
1.3.113	CNY	3.0
1.3.120	EUR	0.0
1.3.121	USD	0.1
1.3.350	TRADE.BTC	0.0
1.3.422	AWCOIN	79.7
1.3.541	AIWCNY	2.0
1.3.562	OBITS	2.3
1.3.569	OPENBTC	0.0
1.3.585	QBITS	2,075.9
1.3.599	TRADE.MUSE	13.9
1.3.609	IOU.CNY	0.3
1.3.746	ANTSHARE	0.2
1.3.757	OPEN.USD	0.0
1.3.766	OPEN.EUR	0.0
1.3.776	OPENPOS	0.4
1.3.822	COMPUCEEDS	0.5
1.3.826	OPENBKS	0.0
1.3.849	BTSR	0.8
1.3.850	OPEN.ETH	0.0
1.3.861	OPEN.BTC	0.0
1.3.921	CASH.USD	0.0
1.3.924	PEERPLAYS	0.0
1.3.933	MKR	0.0
1.3.938	REPUTATION	0.0
1.3.950	CAYMAN	0.1
1.3.973	OPEN.STEEM	0.0
1.3.979	OPEN.DGD	0.0
1.3.1005	OPEN.DAO	2.8
1.3.1006	ICOO	0.2
1.3.1010	SPIES	0.0
1.3.1013	RETAILSET	0.0
1.3.1018	TRANS.DAO	0.1
1.3.1056	FIMK	19.6
1.3.1070	OPEN.SBD	2.8
1.3.1072	BLOCKPAY	0.3
1.3.1080	FAISAL	2.8
1.3.1081	ETCOIN	0.2
1.3.1139	NIHAO	13.3
1.3.1152	OPEN.GRC	8.5
1.3.1161	OPEN.INCNT	22.7

Asset ID	Symbol	Quantity
1.3.1184	OPEN.NXC	2.6

Table 327. Fees collected by blockchain during 2016-10 for limit order create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	10,410.6
1.3.103	BTC	0.0
1.3.105	SILVER	0.0
1.3.106	GOLD	0.0
1.3.113	CNY	0.4
1.3.120	EUR	0.0
1.3.121	USD	0.0
1.3.138	FUND	7,338.0
1.3.350	TRADE.BTC	0.0
1.3.397	ALTFUND	1,093.3
1.3.562	OBITS	10.5
1.3.569	OPENBTC	0.0
1.3.585	QBITS	110.1
1.3.590	OPENMUSE	19,953.3
1.3.599	TRADE.MUSE	501.7
1.3.607	PERKS	100.0
1.3.609	IOU.CNY	0.0
1.3.670	MEGUSTA	0.0
1.3.746	ANTSHARE	57.1
1.3.758	GAMEBET	234.4
1.3.766	OPEN.EUR	0.0
1.3.808	BGIBTS	0.0
1.3.822	COMPUCEEDS	3.8
1.3.849	BTSR	155.0
1.3.850	OPEN.ETH	0.0
1.3.855	OPEN.NBT	0.0
1.3.857	OPEN.PPC	24.8
1.3.859	OPEN.LTC	0.0
1.3.860	OPEN.DOGIE	42,303.8
1.3.861	OPEN.BTC	0.0
1.3.897	BTCPLUS	0.0
1.3.924	PEERPLAYS	0.1
1.3.933	MKR	0.0
1.3.938	REPUTATION	5.1
1.3.950	CAYMAN	0.0
1.3.952	ALTCAP	0.0
1.3.970	FUNC	0.1
1.3.972	TOYOTA	3,668,759.3
1.3.973	OPEN.STEEM	65.0
1.3.977	OPEN.LISK	0.6
1.3.979	OPEN.DGD	0.0
1.3.980	FIMKRYPTO	42.1



Asset ID	Symbol	Quantity
1.3.985	ALTCAP.X	0.0
1.3.986	TRUMP	0.0
1.3.998	WETSTOCK	0.0
1.3.1005	OPEN.DAO	0.4
1.3.1006	ICOO	0.0
1.3.1010	SPIES	9.0
1.3.1017	ARS	0.0
1.3.1019	SASOL	0.0
1.3.1056	FIMK	3,697.0
1.3.1064	OPEN.HEAT	23.5
1.3.1065	CRYPTOCEEDS	0.3
1.3.1068	OCEANIA	36.7
1.3.1070	OPEN.SBD	0.3
1.3.1072	BLOCKPAY	55.8
1.3.1080	FAISAL	0.4
1.3.1100	RISKER	20.3
1.3.1139	NIHAO	0.1
1.3.1152	OPEN.GRC	14.7
1.3.1159	GAMES	3,668.0
1.3.1160	OPEN.GAME	6.3
1.3.1161	OPEN.INCNT	0.0
1.3.1162	STARS	0.0
1.3.1164	ELOAD	0.4
1.3.1165	IOU.XFQ	3,669.3
1.3.1168	CRYPTOINDEX	2,333.7
1.3.1169	TRANS.ANS	55.0
1.3.1183	GAME	146,763.0

Table 328. Fees collected by blockchain during 2016-10 for limit order cancel operation

Asset ID	Symbol	Quantity
1.3.0	BTS	641.9
1.3.103	BTC	0.0
1.3.105	SILVER	0.0
1.3.113	CNY	0.0
1.3.118	GBP	0.0
1.3.120	EUR	0.0
1.3.121	USD	0.0
1.3.562	OBITS	0.0
1.3.569	OPENBTC	0.0
1.3.585	QBITS	11.0
1.3.599	TRADE.MUSE	0.1
1.3.734	TCNY	0.0
1.3.757	OPEN.USD	0.0
1.3.758	GAMEBET	0.0
1.3.802	PEWPS	1.5
1.3.822	COMPUCEEDS	0.0

Asset ID	Symbol	Quantity
1.3.825	IOU.LUCKY	0.0
1.3.826	OPENBKS	0.0
1.3.849	BTSR	0.0
1.3.850	OPEN.ETH	0.0
1.3.854	OPEN.MUSE	0.1
1.3.860	OPEN.DOGE	1.5
1.3.861	OPEN.BTC	0.0
1.3.924	PEERPLAYS	0.0
1.3.938	REPUTATION	0.0
1.3.970	FUNC	0.0
1.3.977	OPEN.LISK	0.0
1.3.979	OPEN.DGD	0.0
1.3.992	UNITEDSTATES	0.0
1.3.1070	OPEN.SBD	0.0
1.3.1072	BLOCKPAY	0.0
1.3.1139	NIHAO	0.0
1.3.1152	OPEN.GRC	0.0
1.3.1160	OPEN.GAME	0.0
1.3.1161	OPEN.INCNT	0.0

Table 329. Fees collected by blockchain during 2016-10 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	124.0

Table 330. Fees collected by blockchain during 2016-10 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,045,265.3

Table 331. Fees collected by blockchain during 2016-10 for account update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	57.5
1.3.822	COMPUCEEDS	0.0
1.3.861	OPEN.BTC	0.0
1.3.924	PEERPLAYS	0.0

Table 332. Fees collected by blockchain during 2016-10 for account whitelisting operation

Asset ID	Symbol	Quantity
1.3.0	BTS	440.3

Table 333. Fees collected by blockchain during 2016-10 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	158,504.6



Table 334. Fees collected by blockchain during 2016-10 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,915,272.3

Table 335. Fees collected by blockchain during 2016-10 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	9,991.0

Table 336. Fees collected by blockchain during 2016-10 for asset update BitAsset operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,201.5

Table 337. Fees collected by blockchain during 2016-10 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	305.4

Table 338. Fees collected by blockchain during 2016-10 for asset reserve operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2.6

Table 339. Fees collected by blockchain during 2016-10 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	880.6

Table 340. Fees collected by blockchain during 2016-10 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	388.9

Table 341. Fees collected by blockchain during 2016-10 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	3,142.9

Table 342. Fees collected by blockchain during 2016-10 for witness create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	7,338.2

Table 343. Fees collected by blockchain during 2016-10 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	29.4

Table 344. Fees collected by blockchain during 2016-10 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,378.0

Table 345. Fees collected by blockchain during 2016-10 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	65.2

Table 346. Fees collected by blockchain during 2016-10 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	19,666.3

Table 347. Fees collected by blockchain during 2016-10 for custom operation

Asset ID	Symbol	Quantity
1.3.0	BTS	32.7

Table 348. Fees collected by blockchain during 2016-10 for override transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	6,898.0

Table 349. Fees collected by blockchain during 2016-10 for asset claim fees operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,641.7

Fees Collected During 2016-11

Table 350. Fees collected by blockchain during 2016-11 for transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	11,205.3
1.3.103	BTC	0.0
1.3.106	GOLD	0.0
1.3.113	CNY	2.6
1.3.121	USD	0.0
1.3.138	FUND	138,679.5
1.3.350	TRADE.BTC	0.0
1.3.562	OBITS	1.3
1.3.579	OPENDASH	0.0
1.3.585	QBITS	3,451.2
1.3.758	GAMEBET	2.6
1.3.766	OPEN.EUR	0.0
1.3.776	OPENPOS	0.1
1.3.822	COMPUCEEDS	0.6



Asset ID	Symbol	Quantity
1.3.833	WTICRUDE	7.0
1.3.850	OPEN.ETH	0.0
1.3.861	OPEN.BTC	0.0
1.3.921	CASH.USD	0.2
1.3.924	PEERPLAYS	0.0
1.3.933	MKR	0.0
1.3.946	KITTY	277.4
1.3.950	CAYMAN	0.0
1.3.977	OPEN.LISK	8.4
1.3.1004	BLOCKAR	262.4
1.3.1006	ICOO	0.1
1.3.1010	SPIES	0.0
1.3.1072	BLOCKPAY	0.7
1.3.1109	YYBTS	2,641.7
1.3.1152	OPEN.GRC	5.6
1.3.1181	KAPITAL	0.9
1.3.1184	OPEN.NXC	2.6

Table 351. Fees collected by blockchain during 2016-11 for limit order create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	17,057.2
1.3.103	BTC	0.0
1.3.105	SILVER	0.0
1.3.106	GOLD	0.0
1.3.113	CNY	0.1
1.3.120	EUR	0.0
1.3.121	USD	0.0
1.3.350	TRADE.BTC	0.0
1.3.562	OBITS	0.1
1.3.585	QBITS	146.8
1.3.609	IOU.CNY	0.0
1.3.757	OPEN.USD	0.0
1.3.766	OPEN.EUR	0.0
1.3.822	COMPUCEEDS	5.9
1.3.831	DEMNOCLINTON	6,221.7
1.3.849	BTSR	0.1
1.3.850	OPEN.ETH	0.0
1.3.858	OPEN.DASH	0.0
1.3.859	OPEN.LTC	0.0
1.3.861	OPEN.BTC	0.0
1.3.868	BOTFUND.USD	1.0
1.3.897	BTCPLUS	0.0
1.3.924	PEERPLAYS	0.0
1.3.933	MKR	0.0
1.3.970	FUNC	0.0
1.3.973	OPEN.STEEM	0.0

Asset ID	Symbol	Quantity
1.3.979	OPEN.DGD	0.0
1.3.980	FIMKRYPTO	3.0
1.3.984	WORTHMORE	0.0
1.3.986	TRUMP	0.0
1.3.987	CLINTON	14,676.0
1.3.1006	ICOO	0.0
1.3.1022	LISK	0.6
1.3.1064	OPEN.HEAT	2.9
1.3.1065	CRYPTOCEEDS	0.0
1.3.1068	OCEANIA	0.0
1.3.1070	OPEN.SBD	0.1
1.3.1072	BLOCKPAY	0.2
1.3.1139	NIHAO	0.6
1.3.1152	OPEN.GRC	2.5
1.3.1161	OPEN.INCNT	0.3
1.3.1168	CRYPTOINDEX	1.2
1.3.1178	BKT	587,054.0
1.3.1181	KAPITAL	0.3
1.3.1193	HARUKI	7,338.0
1.3.1196	OPEN.DCT	0.6

Table 352. Fees collected by blockchain during 2016-11 for limit order cancel operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,341.8
1.3.103	BTC	0.0
1.3.105	SILVER	0.0
1.3.106	GOLD	0.0
1.3.113	CNY	0.0
1.3.121	USD	0.0
1.3.562	OBITS	0.0
1.3.569	OPENBTC	0.0
1.3.585	QBITS	29.3
1.3.590	OPENMUSE	0.1
1.3.592	METAEX.BTC	0.0
1.3.734	TCNY	0.0
1.3.822	COMPUCEEDS	0.0
1.3.849	BTSR	0.0
1.3.850	OPEN.ETH	0.0
1.3.860	OPEN.DOGIE	0.5
1.3.861	OPEN.BTC	0.0
1.3.897	BTCPLUS	0.0
1.3.924	PEERPLAYS	0.0
1.3.933	MKR	0.0
1.3.970	FUNC	0.0
1.3.979	OPEN.DGD	0.0
1.3.1006	ICOO	0.0



Asset ID	Symbol	Quantity
1.3.1072	BLOCKPAY	0.0
1.3.1152	OPEN.GRC	0.0
1.3.1168	CRYPTOINDEX	0.1
1.3.1196	OPEN.DCT	0.0

Table 353. Fees collected by blockchain during 2016-11 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	79.8

Table 354. Fees collected by blockchain during 2016-11 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,037,416.5

Table 355. Fees collected by blockchain during 2016-11 for account update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	51.5
1.3.861	OPEN.BTC	0.0
1.3.924	PEERPLAYS	0.0
1.3.1139	NIHAO	0.2

Table 356. Fees collected by blockchain during 2016-11 for account whitelisting operation

Asset ID	Symbol	Quantity
1.3.0	BTS	484.3

Table 357. Fees collected by blockchain during 2016-11 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	334,620.7

Table 358. Fees collected by blockchain during 2016-11 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	95,400.3

Table 359. Fees collected by blockchain during 2016-11 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	4,408.9

Table 360. Fees collected by blockchain during 2016-11 for asset update BitAsset operation

Asset ID	Symbol	Quantity
1.3.0	BTS	733.8

Table 361. Fees collected by blockchain during 2016-11 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	149.9

Table 362. Fees collected by blockchain during 2016-11 for asset reserve operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1.2

Table 363. Fees collected by blockchain during 2016-11 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	660.4

Table 364. Fees collected by blockchain during 2016-11 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	535.7

Table 365. Fees collected by blockchain during 2016-11 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	3,162.6

Table 366. Fees collected by blockchain during 2016-11 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	13.2

Table 367. Fees collected by blockchain during 2016-11 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,079.2

Table 368. Fees collected by blockchain during 2016-11 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	61.4

Table 369. Fees collected by blockchain during 2016-11 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	22,308.0

Table 370. Fees collected by blockchain during 2016-11 for worker create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	14,676.3



Table 371. Fees collected by blockchain during 2016-11 for custom operation

Asset ID	Symbol	Quantity
1.3.0	BTS	33.4

Table 372. Fees collected by blockchain during 2016-11 for override transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	880.6

Table 373. Fees collected by blockchain during 2016-11 for transfer to blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	390.4

Table 374. Fees collected by blockchain during 2016-11 for blind transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	225.0
1.3.118	GBP	0.3
1.3.120	EUR	0.2
1.3.121	USD	0.3

Table 375. Fees collected by blockchain during 2016-11 for transfer from blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	154.1
1.3.118	GBP	0.3
1.3.120	EUR	0.4
1.3.121	USD	0.4

Table 376. Fees collected by blockchain during 2016-11 for asset claim fees operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,467.6

Fees Collected During 2016-12

Table 377. Fees collected by blockchain during 2016-12 for transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	18,131.8
1.3.113	CNY	1.3
1.3.120	EUR	0.0
1.3.121	USD	0.1
1.3.350	TRADE.BTC	0.0
1.3.422	AWCOIN	2.8
1.3.562	OBITS	3.2
1.3.569	OPENBTC	0.0

Asset ID	Symbol	Quantity
1.3.585	QBITS	3,424.0
1.3.619	USDTR	2.6
1.3.757	OPEN.USD	0.0
1.3.776	OPENPOS	0.1
1.3.806	GRAND	0.0
1.3.822	COMPUCEEDS	1.4
1.3.849	BTSR	0.7
1.3.850	OPEN.ETH	0.0
1.3.859	OPEN.LTC	0.0
1.3.861	OPEN.BTC	0.0
1.3.897	BTCPLUS	0.0
1.3.921	CASH.USD	0.0
1.3.924	PEERPLAYS	0.0
1.3.933	MKR	0.0
1.3.950	CAYMAN	0.0
1.3.973	OPEN.STEEM	0.1
1.3.975	LISKICO	5.4
1.3.979	OPEN.DGD	0.0
1.3.980	FIMKRYPTO	28.7
1.3.1004	BLOCKAR	616.0
1.3.1005	OPEN.DAO	2.8
1.3.1006	ICOO	0.0
1.3.1018	TRANS.DAO	0.1
1.3.1044	OPEN.MAID	2.8
1.3.1064	OPEN.HEAT	28.2
1.3.1065	CRYPTOCEEDS	0.0
1.3.1072	BLOCKPAY	0.1
1.3.1079	OPEN.DEOS	2.8
1.3.1092	REALITY	0.0
1.3.1161	OPEN.INCNT	25.4
1.3.1181	KAPITAL	2.2
1.3.1184	OPEN.NXC	62.5
1.3.1199	TASKMANAGER	0.0
1.3.1200	TREISM	0.0
1.3.1209	OPEN.WAVES	2.8
1.3.1210	OKCASHBAG	0.3
1.3.1211	VIRGROW	0.3
1.3.1226	MERRYCHRISTMAS	0.8

Table 378. Fees collected by blockchain during 2016-12 for limit order create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	42,731.7
1.3.103	BTC	0.0
1.3.105	SILVER	0.0
1.3.106	GOLD	0.0
1.3.113	CNY	0.3



Asset ID	Symbol	Quantity
1.3.120	EUR	0.0
1.3.121	USD	0.1
1.3.350	TRADE.BTC	0.0
1.3.397	ALTFUND	0.1
1.3.562	OBITS	0.2
1.3.569	OPENBTC	0.0
1.3.585	QBITS	110.1
1.3.599	TRADE.MUSE	1,718.3
1.3.609	IOU.CNY	0.0
1.3.614	GSTAMP	1.2
1.3.619	USDTR	43.7
1.3.732	ORBIT	100.0
1.3.757	OPEN.USD	0.0
1.3.758	GAMEBET	2,080.0
1.3.766	OPEN.EUR	0.0
1.3.790	TRADE.DOG	4.9
1.3.822	COMPUCEEDS	11.1
1.3.826	OPENBKS	0.0
1.3.849	BTSR	0.1
1.3.850	OPEN.ETH	0.0
1.3.858	OPEN.DASH	0.0
1.3.859	OPEN.LTC	0.0
1.3.861	OPEN.BTC	0.0
1.3.897	BTCPLUS	0.0
1.3.924	PEERPLAYS	0.0
1.3.933	MKR	4.1
1.3.950	CAYMAN	0.0
1.3.956	BTSPLUS	0.0
1.3.973	OPEN.STEEM	0.1
1.3.977	OPEN.LISK	0.3
1.3.979	OPEN.DGD	0.0
1.3.980	FIMKRYPTO	13.5
1.3.983	WORTHLESS	14,676.0
1.3.991	FREEDOM	293,520.0
1.3.994	JINBI	0.1
1.3.1005	OPEN.DAO	0.3
1.3.1006	ICOO	0.0
1.3.1013	RETAILSET	0.0
1.3.1056	FIMK	2.1
1.3.1064	OPEN.HEAT	7.3
1.3.1065	CRYPTOCEEDS	3.4
1.3.1068	OCEANIA	0.0
1.3.1070	OPEN.SBD	0.3
1.3.1072	BLOCKPAY	0.3
1.3.1140	ZCASH	0.1
1.3.1152	OPEN.GRC	1.8

Asset ID	Symbol	Quantity
1.3.1160	OPEN.GAME	1.3
1.3.1161	OPEN.INCNT	6.9
1.3.1181	KAPITAL	0.6
1.3.1184	OPEN.NXC	5.3
1.3.1189	ASSET	3,669.0
1.3.1193	HARUKI	0.6
1.3.1199	TASKMANAGER	36.7
1.3.1200	TREISM	0.0
1.3.1202	IOU.BAO	3,669.7
1.3.1203	IOU.QIANG	3,669.7
1.3.1204	TBBSAR	3,678.0
1.3.1209	OPEN.WAVES	0.1
1.3.1210	OKCASHBAG	3.7
1.3.1211	VIRGROW	0.1
1.3.1214	TRAIL	366.9
1.3.1215	VIBERZ	1.3
1.3.1216	PASSWORD	3,669.0
1.3.1225	NEWBTC	14.7
1.3.1226	MERRYCHRISTMAS	0.2
1.3.1228	FLASH	0.1
1.3.1231	INVEST.MUSIC	0.6
1.3.1232	INVEST.GAME	0.9
1.3.1234	BLOCKCHAIN.INDEX	0.0

Table 379. Fees collected by blockchain during 2016-12 for limit order cancel operation

Asset ID	Symbol	Quantity
1.3.0	BTS	3,298.9
1.3.103	BTC	0.0
1.3.106	GOLD	0.0
1.3.113	CNY	0.0
1.3.120	EUR	0.0
1.3.121	USD	0.0
1.3.350	TRADE.BTC	0.0
1.3.562	OBITS	0.0
1.3.569	OPENBTC	0.0
1.3.585	QBITS	128.4
1.3.629	IOU.ABC	0.0
1.3.746	ANTSHARE	0.0
1.3.822	COMPUCEEDS	0.0
1.3.849	BTSR	0.0
1.3.850	OPEN.ETH	0.0
1.3.858	OPEN.DASH	0.0
1.3.860	OPEN.DOG	1.0
1.3.861	OPEN.BTC	0.0
1.3.924	PEERPLAYS	0.0
1.3.956	BTSPLUS	0.0



Asset ID	Symbol	Quantity
1.3.973	OPEN.STEEM	0.0
1.3.977	OPEN.LISK	0.1
1.3.1005	OPEN.DAO	0.0
1.3.1006	ICOO	0.0
1.3.1070	OPEN.SBD	0.0
1.3.1072	BLOCKPAY	0.0
1.3.1139	NIHAO	0.1
1.3.1140	ZCASH	0.0
1.3.1161	OPEN.INCNT	0.1
1.3.1181	KAPITAL	0.0
1.3.1184	OPEN.NXC	0.3
1.3.1196	OPEN.DCT	0.0
1.3.1199	TASKMANAGER	0.0
1.3.1209	OPEN.WAVES	0.0
1.3.1226	MERRYCHRISTMAS	0.0
1.3.1231	INVEST.MUSIC	0.0
1.3.1234	BLOCKCHAIN.INDEX	0.0

Table 380. Fees collected by blockchain during 2016-12 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	124.2

Table 381. Fees collected by blockchain during 2016-12 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,023,682.4

Table 382. Fees collected by blockchain during 2016-12 for account update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	115.0
1.3.562	OBITS	0.0
1.3.585	QBITS	73.3
1.3.822	COMPUCEEDS	0.0
1.3.861	OPEN.BTC	0.0

Table 383. Fees collected by blockchain during 2016-12 for account whitelisting operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,819.9

Table 384. Fees collected by blockchain during 2016-12 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	352,232.3

Table 385. Fees collected by blockchain during 2016-12 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	308,233.0

Table 386. Fees collected by blockchain during 2016-12 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	22,075.4

Table 387. Fees collected by blockchain during 2016-12 for asset update BitAsset operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,467.6

Table 388. Fees collected by blockchain during 2016-12 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	849.7

Table 389. Fees collected by blockchain during 2016-12 for asset reserve operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1.2

Table 390. Fees collected by blockchain during 2016-12 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,247.5

Table 391. Fees collected by blockchain during 2016-12 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	513.7

Table 392. Fees collected by blockchain during 2016-12 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	3,373.6

Table 393. Fees collected by blockchain during 2016-12 for witness create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	7,338.2

Table 394. Fees collected by blockchain during 2016-12 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	63.1



Table 395. Fees collected by blockchain during 2016-12 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,401.2

Table 396. Fees collected by blockchain during 2016-12 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	69.0

Table 397. Fees collected by blockchain during 2016-12 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	22,601.6

Table 398. Fees collected by blockchain during 2016-12 for custom operation

Asset ID	Symbol	Quantity
1.3.0	BTS	43.8

Table 399. Fees collected by blockchain during 2016-12 for override transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,614.5

Table 400. Fees collected by blockchain during 2016-12 for transfer to blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	41.1

Table 401. Fees collected by blockchain during 2016-12 for blind transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	60.0

Table 402. Fees collected by blockchain during 2016-12 for transfer from blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	61.6

Table 403. Fees collected by blockchain during 2016-12 for asset claim fees operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,320.9

Fees Collected During 2017-01

Table 404. Fees collected by blockchain during 2017-01 for transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	19,480.2
1.3.113	CNY	1.0
1.3.120	EUR	0.1
1.3.121	USD	0.2
1.3.138	FUND	132,087.0
1.3.350	TRADE.BTC	0.0
1.3.562	OBITS	4.9
1.3.569	OPENBTC	0.0
1.3.585	QBITS	699.1
1.3.614	GSTAMP	22.6
1.3.822	COMPUCEEDS	0.3
1.3.849	BTSR	0.6
1.3.850	OPEN.ETH	0.0
1.3.855	OPEN.NBT	0.0
1.3.858	OPEN.DASH	0.0
1.3.859	OPEN.LTC	0.0
1.3.861	OPEN.BTC	0.0
1.3.921	CASH.USD	0.0
1.3.950	CAYMAN	0.0
1.3.973	OPEN.STEEM	0.4
1.3.979	OPEN.DGD	0.0
1.3.1004	BLOCKAR	16.3
1.3.1006	ICOO	0.1
1.3.1010	SPIES	0.1
1.3.1042	OPEN.USDT	0.0
1.3.1046	OPEN.AMP	5.6
1.3.1056	FIMK	19.6
1.3.1064	OPEN.HEAT	28.0
1.3.1065	CRYPTOCEEDS	0.0
1.3.1070	OPEN.SBD	0.2
1.3.1072	BLOCKPAY	0.1
1.3.1079	OPEN.DEOS	2.6
1.3.1081	ETCOIN	0.1
1.3.1139	NIHAO	2.8
1.3.1152	OPEN.GRC	8.5
1.3.1161	OPEN.INCNT	47.4
1.3.1181	KAPITAL	5.8
1.3.1182	SAXIONEURO	13.2
1.3.1184	OPEN.NXC	5.7
1.3.1188	HEMPSWEET	2.7
1.3.1211	VIRGROW	0.1
1.3.1236	MONEDAPAR	54.3



Table 405. Fees collected by blockchain during 2017-01 for limit order create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	61,163.1
1.3.103	BTC	0.0
1.3.105	SILVER	0.0
1.3.106	GOLD	0.0
1.3.113	CNY	0.2
1.3.120	EUR	0.0
1.3.121	USD	0.0
1.3.350	TRADE.BTC	0.0
1.3.397	ALTFUND	0.5
1.3.562	OBITS	59.2
1.3.585	QBITS	183.5
1.3.607	PERKS	0.0
1.3.609	IOU.CNY	0.0
1.3.614	GSTAMP	0.6
1.3.629	IOU.ABC	1.2
1.3.766	OPEN.EUR	0.1
1.3.802	PEWPS	14.7
1.3.822	COMPUCEEDS	7.9
1.3.828	OPEN.BKS	1.2
1.3.849	BTSR	49.1
1.3.850	OPEN.ETH	0.0
1.3.858	OPEN.DASH	0.0
1.3.859	OPEN.LTC	0.0
1.3.861	OPEN.BTC	0.0
1.3.958	BTWTY	0.0
1.3.973	OPEN.STEEM	19.0
1.3.979	OPEN.DGD	0.0
1.3.980	FIMKRYPTO	36.1
1.3.1005	OPEN.DAO	0.4
1.3.1006	ICOO	0.0
1.3.1022	LISK	1,527.6
1.3.1042	OPEN.USDT	0.0
1.3.1056	FIMK	7,943.6
1.3.1064	OPEN.HEAT	61.6
1.3.1065	CRYPTOCEEDS	0.0
1.3.1069	OPEN.ARDR	0.1
1.3.1070	OPEN.SBD	0.0
1.3.1072	BLOCKPAY	0.3
1.3.1080	FAISAL	140.5
1.3.1140	ZCASH	0.0
1.3.1152	OPEN.GRC	2.2
1.3.1160	OPEN.GAME	0.1
1.3.1161	OPEN.INCNT	5.8
1.3.1181	KAPITAL	1.5

Asset ID	Symbol	Quantity
1.3.1184	OPEN.NXC	0.7
1.3.1188	HEMPSWEET	0.2
1.3.1196	OPEN.DCT	0.6
1.3.1211	VIRGROW	1.9
1.3.1215	VIBERZ	3,667.9
1.3.1226	MERRYCHRISTMAS	365.9
1.3.1229	SAVETHEPLANET	0.1
1.3.1232	INVEST.GAME	0.1
1.3.1234	BLOCKCHAIN.INDEX	0.1
1.3.1247	WANGCHANGE	2.9
1.3.1249	SEXAV	3,669.0
1.3.1250	SEXTV	3,669.0
1.3.1251	MAGIC	3,669.0
1.3.1252	BIBLE	3,669.0
1.3.1253	DEMON	3,669.0
1.3.1254	HORSE	3,669.0
1.3.1255	BREAD	3,669.0
1.3.1256	JEWEL	3,669.0
1.3.1257	HONEY	3,669.0
1.3.1258	SEX	587,053.0
1.3.1259	GOLOS	0.0
1.3.1265	LEOUSD	0.0
1.3.1266	LEOGBP	0.0

Table 406. Fees collected by blockchain during 2017-01 for limit order cancel operation

Asset ID	Symbol	Quantity
1.3.0	BTS	5,206.6
1.3.103	BTC	0.0
1.3.113	CNY	0.0
1.3.121	USD	0.0
1.3.562	OBITS	0.0
1.3.569	OPENBTC	0.0
1.3.585	QBITS	40.3
1.3.590	OPENMUSE	0.2
1.3.607	PERKS	0.0
1.3.614	GSTAMP	0.0
1.3.822	COMPUCEEDS	0.0
1.3.849	BTSR	0.0
1.3.858	OPEN.DASH	0.0
1.3.861	OPEN.BTC	0.0
1.3.973	OPEN.STEEM	0.0
1.3.977	OPEN.LISK	0.1
1.3.1006	ICOO	0.0
1.3.1065	CRYPTOCEEDS	0.0
1.3.1070	OPEN.SBD	0.0
1.3.1072	BLOCKPAY	0.0



Asset ID	Symbol	Quantity
1.3.1152	OPEN.GRC	0.0
1.3.1161	OPEN.INCNT	0.0
1.3.1181	KAPITAL	0.0
1.3.1184	OPEN.NXC	0.0
1.3.1229	SAVETHEPLANET	0.0

Table 407. Fees collected by blockchain during 2017-01 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	95.8

Table 408. Fees collected by blockchain during 2017-01 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	74,969.5

Table 409. Fees collected by blockchain during 2017-01 for account update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	200.8
1.3.121	USD	0.0
1.3.590	OPENMUSE	1.5
1.3.822	COMPUCEEDS	0.0
1.3.861	OPEN.BTC	0.0
1.3.1072	BLOCKPAY	0.0

Table 410. Fees collected by blockchain during 2017-01 for account whitelisting operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,656.4

Table 411. Fees collected by blockchain during 2017-01 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	563,571.8

Table 412. Fees collected by blockchain during 2017-01 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,643,756.5

Table 413. Fees collected by blockchain during 2017-01 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	13,821.8

Table 414. Fees collected by blockchain during 2017-01 for asset update BitAsset operation

Asset ID	Symbol	Quantity
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1.3.0	BTS	1,467.6
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Table 415. Fees collected by blockchain during 2017-01 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	4,327.8

Table 416. Fees collected by blockchain during 2017-01 for asset reserve operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2.9

Table 417. Fees collected by blockchain during 2017-01 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	220.1

Table 418. Fees collected by blockchain during 2017-01 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	403.6

Table 419. Fees collected by blockchain during 2017-01 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	4,047.7

Table 420. Fees collected by blockchain during 2017-01 for witness create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	7,338.2

Table 421. Fees collected by blockchain during 2017-01 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	26.4

Table 422. Fees collected by blockchain during 2017-01 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	4,056.9

Table 423. Fees collected by blockchain during 2017-01 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	195.5

Table 424. Fees collected by blockchain during 2017-01 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	17,318.1



Table 425. Fees collected by blockchain during 2017-01 for worker create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	14,676.3

Table 426. Fees collected by blockchain during 2017-01 for custom operation

Asset ID	Symbol	Quantity
1.3.0	BTS	11.3

Table 427. Fees collected by blockchain during 2017-01 for override transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	43,148.5

Table 428. Fees collected by blockchain during 2017-01 for transfer to blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	82.2

Table 429. Fees collected by blockchain during 2017-01 for blind transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	60.0

Table 430. Fees collected by blockchain during 2017-01 for transfer from blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	61.6

Table 431. Fees collected by blockchain during 2017-01 for asset claim fees operation

Asset ID	Symbol	Quantity
1.3.0	BTS	880.6

Fees Collected During 2017-02

Table 432. Fees collected by blockchain during 2016-02 for transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	15,472.8
1.3.103	BTC	0.0
1.3.105	SILVER	0.0
1.3.113	CNY	2.2
1.3.120	EUR	0.2
1.3.121	USD	0.8
1.3.350	TRADE.BTC	0.0
1.3.422	AWCOIN	2.6
1.3.562	OBITS	2.5

Asset ID	Symbol	Quantity
1.3.569	OPENBTC	0.0
1.3.585	QBITS	4,123.1
1.3.607	PERKS	0.5
1.3.609	IOU.CNY	0.3
1.3.626	SANDWICH	0.0
1.3.734	TCNY	0.1
1.3.822	COMPUCEEDS	0.2
1.3.849	BTSR	0.4
1.3.850	OPEN.ETH	0.1
1.3.858	OPEN.DASH	0.0
1.3.859	OPEN.LTC	0.0
1.3.861	OPEN.BTC	0.0
1.3.921	CASH.USD	0.0
1.3.950	CAYMAN	0.0
1.3.973	OPEN.STEEM	0.1
1.3.979	OPEN.DGD	0.0
1.3.1004	BLOCKAR	2.8
1.3.1006	ICOO	0.1
1.3.1044	OPEN.MAID	2.8
1.3.1065	CRYPTOCEEDS	0.0
1.3.1072	BLOCKPAY	0.2
1.3.1152	OPEN.GRC	5.6
1.3.1161	OPEN.INCNT	27.9
1.3.1181	KAPITAL	11.8
1.3.1184	OPEN.NXC	5.7
1.3.1211	VIRGROW	0.1
1.3.1236	MONEDAPAR	7.3
1.3.1247	WANGCHANGE	25.2
1.3.1248	THIRSTY	0.0
1.3.1259	GOLOS	0.4
1.3.1272	ETFBTC	7.0

Table 433. Fees collected by blockchain during 2016-02 for limit order create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	58,034.0
1.3.103	BTC	0.0
1.3.105	SILVER	0.0
1.3.106	GOLD	0.0
1.3.113	CNY	0.7
1.3.120	EUR	0.0
1.3.121	USD	0.0
1.3.350	TRADE.BTC	0.0
1.3.562	OBITS	0.0
1.3.569	OPENBTC	0.0
1.3.585	QBITS	36.7
1.3.607	PERKS	99.3



Asset ID	Symbol	Quantity
1.3.609	IOU.CNY	0.0
1.3.614	GSTAMP	0.3
1.3.626	SANDWICH	0.0
1.3.629	IOU.ABC	0.1
1.3.822	COMPUCEEDS	1.0
1.3.849	BTSR	0.1
1.3.850	OPEN.ETH	0.0
1.3.858	OPEN.DASH	0.0
1.3.859	OPEN.LTC	0.0
1.3.861	OPEN.BTC	0.0
1.3.958	BTWTY	0.0
1.3.973	OPEN.STEEM	0.1
1.3.977	OPEN.LISK	0.1
1.3.979	OPEN.DGD	0.0
1.3.980	FIMKRYPTO	7.5
1.3.1006	ICOO	0.0
1.3.1042	OPEN.USDT	0.0
1.3.1064	OPEN.HEAT	26.4
1.3.1065	CRYPTOCEEDS	0.0
1.3.1069	OPEN.ARDR	0.1
1.3.1070	OPEN.SBD	0.0
1.3.1072	BLOCKPAY	0.1
1.3.1140	ZCASH	0.0
1.3.1152	OPEN.GRC	0.7
1.3.1161	OPEN.INCNT	2.6
1.3.1181	KAPITAL	2.8
1.3.1184	OPEN.NXC	0.3
1.3.1188	HEMPSWEET	0.5
1.3.1191	FRONTIER.USD	14.7
1.3.1209	OPEN.WAVES	0.1
1.3.1211	VIRGROW	0.0
1.3.1228	FLASH	0.0
1.3.1229	SAVETHEPLANET	266.2
1.3.1247	WANGCHANGE	2.3
1.3.1248	THIRSTY	0.7
1.3.1259	GOLOS	0.0
1.3.1267	GALLEON	0.0
1.3.1272	ETFBTC	956.3

Table 434. Fees collected by blockchain during 2016-02 for limit order cancel operation

Asset ID	Symbol	Quantity
1.3.0	BTS	4,984.9
1.3.113	CNY	0.0
1.3.121	USD	0.0
1.3.562	OBITS	0.0
1.3.569	OPENBTC	0.0

Asset ID	Symbol	Quantity
1.3.585	QBITS	3.7
1.3.590	OPENMUSE	1.1
1.3.822	COMPUCEEDS	0.0
1.3.850	OPEN.ETH	0.0
1.3.858	OPEN.DASH	0.0
1.3.861	OPEN.BTC	0.0
1.3.973	OPEN.STEEM	0.0
1.3.1042	OPEN.USDT	0.0
1.3.1072	BLOCKPAY	0.0
1.3.1152	OPEN.GRC	0.0
1.3.1161	OPEN.INCNT	0.0
1.3.1181	KAPITAL	0.0
1.3.1184	OPEN.NXC	0.0
1.3.1229	SAVETHEPLANET	0.0
1.3.1231	INVEST.MUSIC	0.0

Table 435. Fees collected by blockchain during 2016-02 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	80.0

Table 436. Fees collected by blockchain during 2016-02 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	49,476.6

Table 437. Fees collected by blockchain during 2016-02 for account update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	119.4
1.3.121	USD	0.0

Table 438. Fees collected by blockchain during 2016-02 for account whitelisting operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,392.2

Table 439. Fees collected by blockchain during 2016-02 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	387,455.6

Table 440. Fees collected by blockchain during 2016-02 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	418,282.9



Table 441. Fees collected by blockchain during 2016-02 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	11,768.9

Table 442. Fees collected by blockchain during 2016-02 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,817.0

Table 443. Fees collected by blockchain during 2016-02 for asset reserve operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1.2

Table 444. Fees collected by blockchain during 2016-02 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	146.8

Table 445. Fees collected by blockchain during 2016-02 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	220.1

Table 446. Fees collected by blockchain during 2016-02 for asset global settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	733.8

Table 447. Fees collected by blockchain during 2016-02 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	3,493.8

Table 448. Fees collected by blockchain during 2016-02 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	24.9

Table 449. Fees collected by blockchain during 2016-02 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	3,670.4

Table 450. Fees collected by blockchain during 2016-02 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	214.5

Table 451. Fees collected by blockchain during 2016-02 for withdraw permission create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	22.0

Table 452. Fees collected by blockchain during 2016-02 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	14,382.8

Table 453. Fees collected by blockchain during 2016-02 for worker create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	36,690.9

Table 454. Fees collected by blockchain during 2016-02 for override transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	13,355.7

Table 455. Fees collected by blockchain during 2016-02 for transfer to blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	123.3

Table 456. Fees collected by blockchain during 2016-02 for blind transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	105.0

Table 457. Fees collected by blockchain during 2016-02 for transfer from blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	92.5

Table 458. Fees collected by blockchain during 2016-02 for asset claim fees operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,320.9

Fees Collected During 2017-03

Table 459. Fees collected by blockchain during 2017-03 for transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	29,593.9
1.3.113	CNY	4.0
1.3.120	EUR	0.2
1.3.121	USD	0.2
1.3.350	TRADE.BTC	0.0



Asset ID	Symbol	Quantity
1.3.562	OBITS	6.8
1.3.569	OPENBTC	0.0
1.3.609	IOU.CNY	0.2
1.3.757	OPEN.USD	0.0
1.3.800	COPPERTICKET	39.6
1.3.822	COMPUCEEDS	0.3
1.3.850	OPEN.ETH	0.1
1.3.858	OPEN.DASH	0.1
1.3.859	OPEN.LTC	0.1
1.3.861	OPEN.BTC	0.0
1.3.898	AUKSINAS	0.0
1.3.913	TIMEKoin	2.0
1.3.921	CASH.USD	0.0
1.3.973	OPEN.STEEM	6.5
1.3.977	OPEN.LISK	2.8
1.3.979	OPEN.DGD	0.0
1.3.1006	ICOO	0.0
1.3.1010	SPIES	0.1
1.3.1042	OPEN.USDT	0.2
1.3.1044	OPEN.MAID	11.3
1.3.1064	OPEN.HEAT	55.9
1.3.1065	CRYPTOCEEDS	0.0
1.3.1069	OPEN.ARDR	2.8
1.3.1080	FAISAL	2.8
1.3.1093	YOYOW	1,400.3
1.3.1161	OPEN.INCNT	11.0
1.3.1181	KAPITAL	6.5
1.3.1229	SAVETHEPLANET	5.3
1.3.1236	MONEDAPAR	10.6
1.3.1247	WANGCHANGE	56.0
1.3.1267	GALLEON	0.0
1.3.1272	ETFBTC	2.8
1.3.1274	PPBITS	1.0
1.3.1286	KEEPCOIN	24.4
1.3.1289	DINAR	7.9
1.3.1292	DEXBTC	0.0
1.3.1299	TESTCOIN	10.6
1.3.1318	LILWANGS	11.3

Table 460. Fees collected by blockchain during 2017-03 for limit order create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	121,706.9
1.3.103	BTC	0.0
1.3.105	SILVER	0.0
1.3.106	GOLD	0.0
1.3.113	CNY	0.8

Asset ID	Symbol	Quantity
1.3.120	EUR	0.0
1.3.121	USD	0.1
1.3.350	TRADE.BTC	0.0
1.3.552	TIPSHARES	0.2
1.3.562	OBITS	0.4
1.3.569	OPENBTC	0.0
1.3.585	QBITS	36.7
1.3.607	PERKS	0.0
1.3.609	IOU.CNY	0.1
1.3.626	SANDWICH	0.0
1.3.766	OPEN.EUR	0.2
1.3.822	COMPUCEEDS	0.0
1.3.849	BTSR	0.1
1.3.850	OPEN.ETH	0.0
1.3.858	OPEN.DASH	0.0
1.3.859	OPEN.LTC	0.0
1.3.861	OPEN.BTC	0.0
1.3.933	MKR	0.0
1.3.958	BTWTY	0.0
1.3.973	OPEN.STEEM	0.4
1.3.977	OPEN.LISK	0.3
1.3.979	OPEN.DGD	0.0
1.3.980	FIMKRYPTO	3,624.4
1.3.1006	ICOO	0.0
1.3.1010	SPIES	0.0
1.3.1042	OPEN.USDT	0.0
1.3.1044	OPEN.MAID	0.1
1.3.1046	OPEN.AMP	0.3
1.3.1056	FIMK	25,675.2
1.3.1064	OPEN.HEAT	13.2
1.3.1065	CRYPTOCEEDS	0.0
1.3.1070	OPEN.SBD	0.0
1.3.1093	YOYOW	4.1
1.3.1139	NIHAO	3,583.8
1.3.1140	ZCASH	0.0
1.3.1152	OPEN.GRC	569.5
1.3.1160	OPEN.GAME	0.7
1.3.1161	OPEN.INCNT	0.8
1.3.1181	KAPITAL	0.8
1.3.1184	OPEN.NXC	0.6
1.3.1191	FRONTIER.USD	29.4
1.3.1196	OPEN.DCT	0.1
1.3.1209	OPEN.WAVES	0.1
1.3.1211	VIRGROW	0.0
1.3.1241	LIVENET	3,669.1
1.3.1247	WANGCHANGE	9.5



Asset ID	Symbol	Quantity
1.3.1259	GOLOS	0.2
1.3.1263	TETHERUSD	11.0
1.3.1267	GALLEON	0.0
1.3.1272	ETFBTC	868.5
1.3.1285	KEEPC	0.6
1.3.1286	KEEPCOIN	1.2
1.3.1289	DINAR	0.1
1.3.1290	BBBAA	33.0
1.3.1299	TESTCOIN	18.0
1.3.1300	WANGCENTS	15.0

Table 461. Fees collected by blockchain during 2017-03 for limit order cancel operation

Asset ID	Symbol	Quantity
1.3.0	BTS	10,058.1
1.3.103	BTC	0.0
1.3.105	SILVER	0.0
1.3.106	GOLD	0.0
1.3.113	CNY	0.0
1.3.118	GBP	0.0
1.3.121	USD	0.0
1.3.350	TRADE.BTC	0.0
1.3.562	OBITS	0.0
1.3.569	OPENBTC	0.0
1.3.585	QBITS	3.7
1.3.607	PERKS	0.0
1.3.609	IOU.CNY	0.0
1.3.758	GAMEBET	0.0
1.3.766	OPEN.EUR	0.0
1.3.822	COMPUCEEDS	0.0
1.3.849	BTSR	0.0
1.3.850	OPEN.ETH	0.0
1.3.858	OPEN.DASH	0.0
1.3.859	OPEN.LTC	0.0
1.3.861	OPEN.BTC	0.0
1.3.958	BTWTY	0.0
1.3.973	OPEN.STEEM	0.0
1.3.979	OPEN.DGD	0.0
1.3.1006	ICOO	0.0
1.3.1010	SPIES	0.0
1.3.1070	OPEN.SBD	0.0
1.3.1093	YOYOW	0.0
1.3.1140	ZCASH	0.0
1.3.1181	KAPITAL	0.0
1.3.1191	FRONTIER.USD	1.5
1.3.1214	TRAIL	0.0
1.3.1229	SAVETHEPLANET	0.0

Asset ID	Symbol	Quantity
1.3.1272	ETFBTC	0.0
1.3.1290	BBBAA	4.0
1.3.1292	DEXBTC	0.0

Table 462. Fees collected by blockchain during 2017-03 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	212.1

Table 463. Fees collected by blockchain during 2017-03 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	90,732.4

Table 464. Fees collected by blockchain during 2017-03 for account update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	102.3

Table 465. Fees collected by blockchain during 2017-03 for account whitelisting operation

Asset ID	Symbol	Quantity
1.3.0	BTS	396.3

Table 466. Fees collected by blockchain during 2017-03 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	598,795.0

Table 467. Fees collected by blockchain during 2017-03 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,891,250.9

Table 468. Fees collected by blockchain during 2017-03 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	12,346.2

Table 469. Fees collected by blockchain during 2017-03 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	495.9

Table 470. Fees collected by blockchain during 2017-03 for asset reserve operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1.0



Table 471. Fees collected by blockchain during 2017-03 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	440.3

Table 472. Fees collected by blockchain during 2017-03 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	388.9

Table 473. Fees collected by blockchain during 2017-03 for asset global settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	733.8

Table 474. Fees collected by blockchain during 2017-03 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	4,968.8

Table 475. Fees collected by blockchain during 2017-03 for witness create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	14,676.3

Table 476. Fees collected by blockchain during 2017-03 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	339.0

Table 477. Fees collected by blockchain during 2017-03 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	7,641.8

Table 478. Fees collected by blockchain during 2017-03 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	454.9

Table 479. Fees collected by blockchain during 2017-03 for committee member create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	733.8

Table 480. Fees collected by blockchain during 2017-03 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	20,546.9

Table 481. Fees collected by blockchain during 2017-03 for assert operation

Asset ID	Symbol	Quantity
1.3.113	CNY	5.8

Table 482. Fees collected by blockchain during 2017-03 for override transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	57,531.5

Table 483. Fees collected by blockchain during 2017-03 for asset claim fees operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,174.1

Fees Collected During 2017-04

Table 484. Fees collected by blockchain during 2017-04 for transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	47,453.9
1.3.103	BTC	0.0
1.3.106	GOLD	0.0
1.3.113	CNY	19.4
1.3.120	EUR	0.1
1.3.121	USD	1.7
1.3.350	TRADE.BTC	0.0
1.3.422	AWCOIN	21.3
1.3.552	TIPSHARES	5.6
1.3.562	OBITS	5.0
1.3.569	OPENBTC	0.0
1.3.585	QBITS	7,386.6
1.3.593	METAEX.ETH	0.0
1.3.609	IOU.CNY	4.2
1.3.638	LITECOIN	105,669.6
1.3.757	OPEN.USD	0.1
1.3.822	COMPUCEEDS	1.1
1.3.834	SPFIVE	6.6
1.3.850	OPEN.ETH	0.1
1.3.858	OPEN.DASH	0.0
1.3.859	OPEN.LTC	0.1
1.3.861	OPEN.BTC	0.0
1.3.898	AUKSINAS	1.1
1.3.921	CASH.USD	0.2
1.3.950	CAYMAN	0.0
1.3.957	YXCOIN	264.2
1.3.958	BTWTY	0.0
1.3.970	FUNC	0.7



Asset ID	Symbol	Quantity
1.3.973	OPEN.STEEM	5.3
1.3.977	OPEN.LISK	5.6
1.3.979	OPEN.DGD	0.0
1.3.1006	ICOO	0.0
1.3.1010	SPIES	0.2
1.3.1032	TRANS.ETH	0.0
1.3.1041	OPEN.OMNI	0.1
1.3.1042	OPEN.USDT	0.5
1.3.1044	OPEN.MAID	5.5
1.3.1046	OPEN.AMP	5.6
1.3.1056	FIMK	19.6
1.3.1064	OPEN.HEAT	330.1
1.3.1065	CRYPTOCEEDS	0.0
1.3.1070	OPEN.SBD	0.2
1.3.1093	YOYOW	16,487.1
1.3.1094	HOTHEART	5.3
1.3.1140	ZCASH	0.0
1.3.1152	OPEN.GRC	16.9
1.3.1161	OPEN.INCNT	23.7
1.3.1181	KAPITAL	3.0
1.3.1184	OPEN.NXC	2.6
1.3.1209	OPEN.WAVES	3.0
1.3.1211	VIRGROW	0.0
1.3.1236	MONEDAPAR	11.8
1.3.1247	WANGCHANGE	283.9
1.3.1317	ZCOIN	0.3
1.3.1318	LILWANGS	14.1
1.3.1325	RUBLE	2.0
1.3.1327	LEOBUZZ	566.4
1.3.1331	IOU.BCS	10.1
1.3.1345	TRUMPSUCKS	10.6
1.3.1352	QORA	4.2

Table 485. Fees collected by blockchain during 2017-04 for limit order create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	195,283.4
1.3.103	BTC	0.0
1.3.105	SILVER	0.0
1.3.106	GOLD	0.0
1.3.113	CNY	6.8
1.3.120	EUR	0.0
1.3.121	USD	0.4
1.3.397	ALTFUND	0.0
1.3.422	AWCOIN	4,574.2
1.3.541	AIWCNY	1,764.7

Asset ID	Symbol	Quantity
1.3.562	OBITS	0.4
1.3.585	QBITS	220.1
1.3.609	IOU.CNY	0.4
1.3.630	IOU.BTSABC	0.1
1.3.638	LITECOIN	5,894.7
1.3.721	DOLLARS	2,500.0
1.3.722	EUROS	2,500.0
1.3.723	POUNDS	2,500.0
1.3.724	YUAN	129,930.0
1.3.725	YUANS	2,500.0
1.3.726	XBITCOIN	2,500.0
1.3.745	BLOCKCHAINFUND	0.1
1.3.757	OPEN.USD	0.1
1.3.766	OPEN.EUR	0.1
1.3.790	TRADE.DOG	14.7
1.3.822	COMPUCEEDS	1.0
1.3.850	OPEN.ETH	0.0
1.3.856	OPEN.NSR	199.3
1.3.858	OPEN.DASH	0.0
1.3.859	OPEN.LTC	0.0
1.3.861	OPEN.BTC	0.0
1.3.873	MAIDSAFE	2,500.0
1.3.874	MAIDSAFE	2,500.0
1.3.875	PEERCOIN	2,500.0
1.3.876	EMERCOIN	2,500.0
1.3.877	FACTOM	2,500.0
1.3.878	NUSHARES	2,500.0
1.3.879	DECRED	2,500.0
1.3.880	STARTCOIN	2,500.0
1.3.881	GETGEMS	2,500.0
1.3.882	COUNTERPARTY	2,500.0
1.3.883	NAMECOIN	2,500.0
1.3.884	STORJ	2,500.0
1.3.885	SYS	2,500.0
1.3.886	RADIUM	2,500.0
1.3.890	ETHER	2,500.0
1.3.891	YBCOIN	2,500.0
1.3.892	XBTC	130,000.0
1.3.893	VPNCOIN	2,500.0
1.3.895	VOXEL	2,500.0
1.3.896	NXTCOIN	2,500.0
1.3.910	AGORAS	2,500.0
1.3.926	DASH	1,300.0
1.3.950	CAYMAN	0.0
1.3.957	YXCOIN	865,875.3
1.3.958	BTWTY	0.0



Asset ID	Symbol	Quantity
1.3.973	OPEN.STEEM	0.9
1.3.977	OPEN.LISK	0.7
1.3.979	OPEN.DGD	0.0
1.3.985	ALTCAP.X	0.0
1.3.1006	ICOO	0.0
1.3.1010	SPIES	0.0
1.3.1022	LISK	1,300.9
1.3.1042	OPEN.USDT	0.1
1.3.1044	OPEN.MAID	1.2
1.3.1053	YINCOIN	3,666.6
1.3.1054	JINCOIN	3,669.0
1.3.1056	FIMK	187,430.2
1.3.1057	DIGIXDAO	3,669.0
1.3.1058	THEDAO	3,669.0
1.3.1059	EXPANSE	3,669.0
1.3.1060	WAVES	3,669.0
1.3.1064	OPEN.HEAT	76.3
1.3.1065	CRYPTOCEEDS	0.0
1.3.1070	OPEN.SBD	0.0
1.3.1079	OPEN.DEOS	0.4
1.3.1093	YOYOW	9.5
1.3.1140	ZCASH	0.0
1.3.1152	OPEN.GRC	4.0
1.3.1160	OPEN.GAME	0.1
1.3.1161	OPEN.INCNT	1.5
1.3.1181	KAPITAL	1.4
1.3.1196	OPEN.DCT	0.6
1.3.1209	OPEN.WAVES	0.4
1.3.1211	VIRGROW	0.0
1.3.1247	WANGCHANGE	13.1
1.3.1259	GOLOS	0.3
1.3.1267	GALLEON	0.0
1.3.1279	RADIX	3,669.0
1.3.1295	USDT	146.8
1.3.1296	MAID	146.8
1.3.1297	DEXCOIN	3,669.0
1.3.1301	ETH	587.1
1.3.1302	STEEMFACTORY	293.5
1.3.1317	ZCOIN	0.0
1.3.1325	RUBLE	1.5
1.3.1327	LEOBUZZ	3,102.8
1.3.1331	IOU.BCS	3,675.4
1.3.1345	TRUMPSUCKS	0.2
1.3.1347	EVETAB	4.2
1.3.1352	QORA	1.8
1.3.1353	OPEN.EXCL	0.2

Table 486. Fees collected by blockchain during 2017-04 for limit order cancel operation

Asset ID	Symbol	Quantity
1.3.0	BTS	16,302.7
1.3.103	BTC	0.0
1.3.105	SILVER	0.0
1.3.106	GOLD	0.0
1.3.113	CNY	0.2
1.3.118	GBP	0.0
1.3.120	EUR	0.0
1.3.121	USD	0.0
1.3.562	OBITS	0.0
1.3.569	OPENBTC	0.0
1.3.585	QBITS	3.7
1.3.590	OPENMUSE	0.1
1.3.609	IOU.CNY	0.0
1.3.629	IOU.ABC	0.0
1.3.746	ANTSHARE	0.0
1.3.757	OPEN.USD	0.0
1.3.822	COMPUCEEDS	0.0
1.3.850	OPEN.ETH	0.0
1.3.858	OPEN.DASH	0.0
1.3.859	OPEN.LTC	0.0
1.3.861	OPEN.BTC	0.0
1.3.958	BTWTY	0.0
1.3.970	FUNC	0.0
1.3.973	OPEN.STEEM	0.0
1.3.979	OPEN.DGD	0.0
1.3.998	WETSTOCK	0.0
1.3.1006	ICOO	0.0
1.3.1010	SPIES	0.0
1.3.1041	OPEN.OMNI	0.0
1.3.1042	OPEN.USDT	0.0
1.3.1056	FIMK	0.1
1.3.1064	OPEN.HEAT	1.2
1.3.1070	OPEN.SBD	0.0
1.3.1093	YOYOW	0.7
1.3.1139	NIHAO	0.0
1.3.1140	ZCASH	0.0
1.3.1152	OPEN.GRC	0.0
1.3.1161	OPEN.INCNT	0.0
1.3.1181	KAPITAL	0.0
1.3.1196	OPEN.DCT	0.0
1.3.1214	TRAIL	0.0
1.3.1286	KEEPCOIN	0.0
1.3.1317	ZCOIN	0.0
1.3.1318	LILWANGS	0.0



Asset ID	Symbol	Quantity
1.3.1331	IOU.BCS	0.0
1.3.1347	EVETAB	0.1
1.3.1352	QORA	0.0

Table 487. Fees collected by blockchain during 2017-04 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	320.8

Table 488. Fees collected by blockchain during 2017-04 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	176,501.7

Table 489. Fees collected by blockchain during 2017-04 for account update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	205.4
1.3.113	CNY	0.0
1.3.562	OBITS	0.0
1.3.569	OPENBTC	0.0
1.3.850	OPEN.ETH	0.0
1.3.1064	OPEN.HEAT	2.1
1.3.1236	MONEDAPAR	0.1
1.3.1290	BBBAA	3.0

Table 490. Fees collected by blockchain during 2017-04 for account whitelisting operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,027.3

Table 491. Fees collected by blockchain during 2017-04 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	422,678.8
1.3.113	CNY	1,608.9

Table 492. Fees collected by blockchain during 2017-04 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,973,983.7

Table 493. Fees collected by blockchain during 2017-04 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	25,587.6

Table 494. Fees collected by blockchain during 2017-04 for asset update BitAsset operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,935.3

Table 495. Fees collected by blockchain during 2017-04 for asset update feed producers operation

Asset ID	Symbol	Quantity
1.3.0	BTS	5,136.7

Table 496. Fees collected by blockchain during 2017-04 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	666.9

Table 497. Fees collected by blockchain during 2017-04 for asset reserve operation

Asset ID	Symbol	Quantity
1.3.0	BTS	0.7

Table 498. Fees collected by blockchain during 2017-04 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	807.2

Table 499. Fees collected by blockchain during 2017-04 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	528.3

Table 500. Fees collected by blockchain during 2017-04 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	5,823.4

Table 501. Fees collected by blockchain during 2017-04 for witness create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	36,690.9

Table 502. Fees collected by blockchain during 2017-04 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	47.0

Table 503. Fees collected by blockchain during 2017-04 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	7,939.1



Table 504. Fees collected by blockchain during 2017-04 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	516.1

Table 505. Fees collected by blockchain during 2017-04 for committee member create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,467.6

Table 506. Fees collected by blockchain during 2017-04 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	33,462.1

Table 507. Fees collected by blockchain during 2017-04 for custom operation

Asset ID	Symbol	Quantity
1.3.0	BTS	4.4

Table 508. Fees collected by blockchain during 2017-04 for override transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	9,686.4

Table 509. Fees collected by blockchain during 2017-04 for transfer to blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	92.5

Table 510. Fees collected by blockchain during 2017-04 for blind transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	15.0

Table 511. Fees collected by blockchain during 2017-04 for transfer from blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	30.8

Table 512. Fees collected by blockchain during 2017-04 for asset claim fees operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,348.2

Fees Collected During 2017-05

Table 513. Fees collected by blockchain during 2017-05 for transfer operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	45,829.0	67062.56
1.3.103	BTC	4.0	1.58E-04
1.3.105	SILVER	18.0	0.08
1.3.106	GOLD	1.0	3.60E-05
1.3.113	CNY	524.0	297.13
1.3.120	EUR	1.0	0.08
1.3.121	USD	108.0	8.86
1.3.350	TRADE.BTC	4.0	8.85E-05
1.3.562	OBITS	128.0	7.19
1.3.569	OPENBTC	52.0	8.69E-04
1.3.585	QBITS	10.0	4014.86
1.3.609	IOU.CNY	85.0	54.65
1.3.734	TCNY	1.0	0.04
1.3.757	OPEN.USD	3.0	0.03
1.3.766	OPEN.EUR	1.0	0.01
1.3.776	OPENPOS	1.0	0.06
1.3.822	COMPUCEEDS	266.0	0.46
1.3.826	OPENBKS	1.0	8.00E-04
1.3.850	OPEN.ETH	190.0	0.18
1.3.855	OPEN.NBT	23.0	0.08
1.3.858	OPEN.DASH	29.0	0.07
1.3.859	OPEN.LTC	48.0	0.33
1.3.861	OPEN.BTC	886.0	0.02
1.3.907	WECHAT	49.0	64.01
1.3.921	CASH.USD	17.0	1.16
1.3.946	KITTY	1.0	139.41
1.3.958	BTWTY	1.0	1.00E-05
1.3.970	FUNC	270.0	27.46
1.3.973	OPEN.STEEM	78.0	11.44
1.3.977	OPEN.LISK	4.0	5.54
1.3.979	OPEN.DGD	9.0	0.01
1.3.1006	ICOO	2.0	0.02
1.3.1010	SPIES	93.0	0.52
1.3.1041	OPEN.OMNI	2.0	0.14
1.3.1042	OPEN.USDT	35.0	0.54
1.3.1044	OPEN.MAID	5.0	6.97
1.3.1046	OPEN.AMP	6.0	12.11
1.3.1064	OPEN.HEAT	8.0	109.86
1.3.1069	OPEN.ARDR	9.0	11.76
1.3.1070	OPEN.SBD	11.0	0.31
1.3.1077	ETHWAR	1.0	1.37
1.3.1080	FAISAL	1.0	1.39
1.3.1081	ETCOIN	1.0	0.03



Asset ID	Symbol	# Operations	Fee Total
1.3.1094	HOTHEART	2.0	5.23
1.3.1102	HONEYCOIN	1.0	1.37
1.3.1152	OPEN.GRC	7.0	11.18
1.3.1160	OPEN.GAME	8.0	5.53
1.3.1161	OPEN.INCNT	22.0	11.18
1.3.1181	KAPITAL	72.0	6.74
1.3.1209	OPEN.WAVES	3.0	4.18
1.3.1224	STEEMP	3.0	0.13
1.3.1229	SAVETHEPLANET	12.0	18.71
1.3.1236	MONEDAPAR	81.0	41.33
1.3.1247	WANGCHANGE	26.0	36.39
1.3.1267	GALLEON	2.0	0
1.3.1276	WHALESHARE	19.0	98
1.3.1286	KEEPCOIN	2.0	2.77
1.3.1317	ZCOIN	1.0	0.03
1.3.1318	LILWANGS	3.0	5.64
1.3.1325	RUBLE	151.0	791.73
1.3.1329	NECTAR	1.0	1.37
1.3.1331	IOU.BCS	11.0	27.5
1.3.1345	TRUMPSUCKS	12.0	17.06
1.3.1347	EVETAB	7.0	0.7
1.3.1359	TATCHCOIN	3.0	0.02
1.3.1361	MYCOIN	1.0	1.38
1.3.1363	SBUZZ	2.0	2.8
1.3.1368	TOKENOFTOKENS	4.0	0
1.3.1374	ZAPPL	1.0	0.01
1.3.1375	MEGATILT	3.0	3.93
1.3.1388	OPEN.ETP	10.0	0.55
1.3.1389	ZENGOLD	3.0	4

Table 514. Fees collected by blockchain during 2017-05 for limit order create operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	4,358,344.0	337595.38
1.3.103	BTC	18.0	3.64E-05
1.3.105	SILVER	6.0	0
1.3.106	GOLD	12.0	3.60E-05
1.3.113	CNY	2,420.0	75.44
1.3.120	EUR	3.0	0.01
1.3.121	USD	1,113.0	5.09
1.3.350	TRADE.BTC	4.0	0.02
1.3.397	ALTFUND	2.0	99.45
1.3.562	OBITS	299.0	20.37
1.3.569	OPENBTC	1.0	9.10E-07
1.3.578	OPENDOGE	2.0	4.84
1.3.585	QBITS	4.0	91.11
1.3.599	TRADE.MUSE	1.0	0.73

Asset ID	Symbol	# Operations	Fee Total
1.3.609	IOU.CNY	275.0	9.16
1.3.628	BRICS	1.0	7.26
1.3.734	TCNY	1.0	99.76
1.3.757	OPEN.USD	9.0	0.09
1.3.766	OPEN.EUR	35.0	0.35
1.3.822	COMPUCEEDS	142.0	1.71
1.3.843	FEDEV	1.0	0.08
1.3.850	OPEN.ETH	381.0	0.02
1.3.856	OPEN.NSR	1.0	4779.42
1.3.858	OPEN.DASH	42.0	0.01
1.3.859	OPEN.LTC	52.0	0.02
1.3.861	OPEN.BTC	3,496.0	0
1.3.897	BTCPLUS	1.0	7.26E-06
1.3.898	AUKSINAS	2.0	0.06
1.3.904	STAMP	1.0	2500
1.3.905	COIN	1.0	130000
1.3.906	CHINA	1.0	2500
1.3.909	METAL	1.0	2500
1.3.950	CAYMAN	2.0	0.99
1.3.958	BTWTY	10.0	1.00E-04
1.3.970	FUNC	33.0	0.17
1.3.973	OPEN.STEEM	130.0	1.06
1.3.977	OPEN.LISK	1.0	0.07
1.3.978	LEDGER	1.0	3669.15
1.3.979	OPEN.DGD	4.0	2.90E-04
1.3.980	FIMKRYPTO	1.0	725.6
1.3.999	DRYSTOCK	1.0	2.00E-04
1.3.1006	ICOO	227.0	0.16
1.3.1010	SPIES	12.0	0
1.3.1042	OPEN.USDT	81.0	0.06
1.3.1044	OPEN.MAID	17.0	1.38
1.3.1046	OPEN.AMP	1.0	0.07
1.3.1056	FIMK	8.0	220269.64
1.3.1064	OPEN.HEAT	49.0	39.26
1.3.1065	CRYPTOCEEDS	1.0	1.00E-04
1.3.1069	OPEN.ARDR	2.0	0.15
1.3.1070	OPEN.SBD	130.0	0.2
1.3.1077	ETHWAR	4.0	0.29
1.3.1079	OPEN.DEOS	4.0	0.59
1.3.1093	YOYOW	14.0	10.16
1.3.1094	HOTHEART	1.0	2291.79
1.3.1098	JESUS	1.0	0
1.3.1139	NIHAO	1.0	0.07
1.3.1152	OPEN.GRC	58.0	2000.52
1.3.1160	OPEN.GAME	16.0	0.58
1.3.1161	OPEN.INCNT	43.0	1.27



Asset ID	Symbol	# Operations	Fee Total
1.3.1181	KAPITAL	217.0	1.09
1.3.1184	OPEN.NXC	7.0	0.51
1.3.1188	HEMPSWEET	5.0	1.64
1.3.1196	OPEN.DCT	4.0	0.36
1.3.1200	TREISM	2.0	54.97
1.3.1209	OPEN.WAVES	74.0	8.86
1.3.1211	VIRGROW	1.0	1.19
1.3.1224	STEEMP	1.0	0
1.3.1229	SAVETHEPLANET	2.0	71.76
1.3.1247	WANGCHANGE	157.0	13.68
1.3.1259	GOLOS	7.0	534.91
1.3.1267	GALLEON	5.0	3.63E-04
1.3.1274	PPBITS	2.0	72
1.3.1300	WANGCENTS	2.0	30
1.3.1302	STEEMFACTORY	6.0	435.36
1.3.1316	STEEMBOOST	1.0	36.59
1.3.1317	ZCOIN	1.0	43.74
1.3.1325	RUBLE	436.0	3793.64
1.3.1347	EVETAB	6.0	13
1.3.1349	ADSXU	3.0	0.22
1.3.1352	QORA	25.0	1.58
1.3.1353	OPEN.EXCL	17.0	0.14
1.3.1355	VIVACOIN	3.0	0
1.3.1357	OPEN.NUSHARES	1.0	73.38
1.3.1359	TATCHCOIN	3.0	0
1.3.1361	MYCOIN	2.0	3665
1.3.1362	HERO	1.0	4.00E-05
1.3.1363	SBUZZ	5.0	1800.29
1.3.1368	TOKENOFTOKENS	6.0	9.00E-05
1.3.1374	ZAPPL	3.0	18.13
1.3.1375	MEGATILT	16.0	1436.12
1.3.1385	CRECE	2.0	0.15
1.3.1386	ADXDU	2.0	1810
1.3.1389	ZENGOLD	88.0	6.39
1.3.1392	NESLV	2.0	0.15

Table 515. Fees collected by blockchain during 2017-05 for limit order cancel operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	3,755,113.0	28906.72
1.3.103	BTC	9.0	1.88E-06
1.3.105	SILVER	9.0	9.00E-04
1.3.106	GOLD	7.0	7.00E-06
1.3.110	RUB	1.0	1.00E-04
1.3.113	CNY	520.0	1.68
1.3.120	EUR	8.0	0
1.3.121	USD	253.0	0.13

Asset ID	Symbol	# Operations	Fee Total
1.3.350	TRADE.BTC	3.0	3.00E-07
1.3.562	OBITS	100.0	0.03
1.3.569	OPENBTC	5.0	5.00E-07
1.3.585	QBITS	3.0	5.44
1.3.590	OPENMUSE	2.0	0.07
1.3.609	IOU.CNY	73.0	0.27
1.3.614	GSTAMP	1.0	0.01
1.3.628	BRICS	4.0	2.9
1.3.658	FISTBUMP	2.0	0.02
1.3.659	OPENSESAME	1.0	0.01
1.3.746	ANTSHARE	7.0	0
1.3.757	OPEN.USD	5.0	0.05
1.3.758	GAMEBET	2.0	0.01
1.3.822	COMPUCEEDS	25.0	0
1.3.825	IOU.LUCKY	1.0	0.01
1.3.839	SHAREBIT	1.0	1.00E-04
1.3.849	BTSR	1.0	4.00E-04
1.3.850	OPEN.ETH	143.0	7.30E-04
1.3.854	OPEN.MUSE	1.0	0.04
1.3.857	OPEN.PPC	2.0	1.45E-04
1.3.858	OPEN.DASH	23.0	2.78E-04
1.3.859	OPEN.LTC	28.0	0
1.3.860	OPEN.DOG	2.0	0.48
1.3.861	OPEN.BTC	580.0	7.86E-05
1.3.897	BTCPLUS	1.0	7.30E-07
1.3.933	MKR	2.0	2.00E-05
1.3.958	BTWTY	6.0	6.00E-05
1.3.970	FUNC	24.0	0.01
1.3.973	OPEN.STEEM	34.0	0.04
1.3.977	OPEN.LISK	25.0	0.18
1.3.979	OPEN.DGD	4.0	2.90E-05
1.3.1006	ICOO	1.0	1.00E-04
1.3.1010	SPIES	4.0	4.00E-04
1.3.1042	OPEN.USDT	12.0	0
1.3.1064	OPEN.HEAT	4.0	0.29
1.3.1069	OPEN.ARDR	1.0	0.01
1.3.1070	OPEN.SBD	9.0	0
1.3.1072	BLOCKPAY	1.0	3.00E-04
1.3.1152	OPEN.GRC	5.0	0.04
1.3.1160	OPEN.GAME	1.0	0
1.3.1161	OPEN.INCNT	4.0	0.01
1.3.1181	KAPITAL	44.0	0.02
1.3.1184	OPEN.NXC	1.0	0.01
1.3.1209	OPEN.WAVES	1.0	0.01
1.3.1229	SAVETHEPLANET	14.0	0.11
1.3.1259	GOLOS	1.0	0.01



Asset ID	Symbol	# Operations	Fee Total
1.3.1267	GALLEON	2.0	2.93E-05
1.3.1302	STEEMFACTORY	1.0	7.25
1.3.1317	ZCOIN	4.0	4.38E-04
1.3.1318	LILWANGS	5.0	0.05
1.3.1325	RUBLE	238.0	6.88
1.3.1331	IOU.BCS	1.0	0.09
1.3.1361	MYCOIN	1.0	0.01
1.3.1368	TOKENOFTOKENS	1.0	2.00E-06
1.3.1374	ZAPPL	2.0	0
1.3.1389	ZENGOLD	5.0	0.04

Table 516. Fees collected by blockchain during 2017-05 for call order update operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	9,079.0	694.98
1.3.1077	ETHWAR	1.0	0.07

Table 517. Fees collected by blockchain during 2017-05 for account create operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	22,030.0	199250

Table 518. Fees collected by blockchain during 2017-05 for account update operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	1,228.0	161.65
1.3.113	CNY	1.0	0.08
1.3.121	USD	2.0	0.01
1.3.562	OBITS	1.0	0.01
1.3.609	IOU.CNY	2.0	0.16
1.3.861	OPEN.BTC	1.0	1.70E-06
1.3.1236	MONEDAPAR	4.0	0.24

Table 519. Fees collected by blockchain during 2017-05 for account whitelisting operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	158.0	1294.99

Table 520. Fees collected by blockchain during 2017-05 for account upgrade operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	59.0	567213.7

Table 521. Fees collected by blockchain during 2017-05 for asset create operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	32.0	272467.59

Table 522. Fees collected by blockchain during 2017-05 for asset update operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	63.0	9761

Table 523. Fees collected by blockchain during 2017-05 for asset update BitAsset operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	2.0	725.7

Table 524. Fees collected by blockchain during 2017-05 for asset issue operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	179.0	263.99

Table 525. Fees collected by blockchain during 2017-05 for asset reserve operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	16.0	1.38

Table 526. Fees collected by blockchain during 2017-05 for asset fund fee pool operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	8.0	290.28

Table 527. Fees collected by blockchain during 2017-05 for asset settle operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	245.0	948.33

Table 528. Fees collected by blockchain during 2017-05 for asset publish feed operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	825,908.0	6361.3

Table 529. Fees collected by blockchain during 2017-05 for witness update operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	141.0	113.45

Table 530. Fees collected by blockchain during 2017-05 for proposal create operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	786.0	9745.83

Table 531. Fees collected by blockchain during 2017-05 for proposal update operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	1,426.0	596.32



Table 532. Fees collected by blockchain during 2017-05 for vesting balance withdrawal operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	182.0	28641.22

Table 533. Fees collected by blockchain during 2017-05 for custom operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	1.0	1.02
1.3.1236	MONEDAPAR	5.0	5.85

Table 534. Fees collected by blockchain during 2017-05 for assert operation

Asset ID	Symbol	# Operations	Fee Total
1.3.113	CNY	1.0	9.14
1.3.861	OPEN.BTC	8.0	0

Table 535. Fees collected by blockchain during 2017-05 for override transfer operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	1.0	72.62

Table 536. Fees collected by blockchain during 2017-05 for transfer to blind operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	8.0	177.8

Table 537. Fees collected by blockchain during 2017-05 for blind transfer operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	5.0	75
1.3.1325	RUBLE	2.0	138.91

Table 538. Fees collected by blockchain during 2017-05 for transfer from blind operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	3.0	45.72
1.3.1325	RUBLE	1.0	70.29

Table 539. Fees collected by blockchain during 2017-05 for asset claim fees operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	28.0	2180.34

Fees Collected During 2017-06

Table 540. Fees collected by blockchain during 2017-06 for transfer operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	102734	23,649.4

Asset ID	Symbol	# Operations	Fee Total
1.3.103	BTC	4	0.0
1.3.105	SILVER	41	0.1
1.3.106	GOLD	1	0.0
1.3.113	CNY	2224	1,007.2
1.3.120	EUR	2	0.0
1.3.121	USD	263	16.3
1.3.349	TRADE.LTC	1	0.0
1.3.418	NEWBIE	16	36.5
1.3.562	OBITS	152	1.3
1.3.566	OCASH	1	0.0
1.3.585	QBITS	5	289.3
1.3.609	IOU.CNY	61	14.8
1.3.619	USDTR	2	0.4
1.3.626	SANDWICH	1	0.0
1.3.659	OPENSESAME	10	2.3
1.3.670	MEGUSTA	1	0.0
1.3.715	CREDO	1	0.2
1.3.734	TCNY	1	0.0
1.3.743	STEALTH	1	0.0
1.3.757	OPEN.USD	16	0.2
1.3.776	OPENPOS	2	0.0
1.3.822	COMPUCEEDS	253	0.1
1.3.825	IOU.LUCKY	1	0.2
1.3.842	EDEV	60	1.8
1.3.849	BTSR	3	0.0
1.3.850	OPEN.ETH	303	0.0
1.3.855	OPEN.NBT	27	0.0
1.3.858	OPEN.DASH	66	0.0
1.3.859	OPEN.LTC	101	0.1
1.3.861	OPEN.BTC	1462	0.0
1.3.872	KOKADUKATS	1	0.0
1.3.907	WECHAT	25	5.5
1.3.921	CASH.USD	1	0.1
1.3.958	BTWTY	7	0.0
1.3.970	FUNC	86	1.3
1.3.973	OPEN.STEEM	76	1.8
1.3.977	OPEN.LISK	19	4.4
1.3.979	OPEN.DGD	27	0.0
1.3.986	TRUMP	2	0.0
1.3.994	JINBI	69	7.6
1.3.1004	BLOCKAR	7	1.6
1.3.1006	ICOO	5	0.0
1.3.1010	SPIES	344	0.3
1.3.1011	TRADE.USDLABOR	3	0.7
1.3.1018	TRANS.DAO	1	0.0
1.3.1020	OPEN.MKR	1	0.2



Asset ID	Symbol	# Operations	Fee Total
1.3.1022	LISK	2	0.5
1.3.1041	OPEN.OMNI	4	0.0
1.3.1042	OPEN.USDT	103	0.2
1.3.1044	OPEN.MAID	32	7.4
1.3.1046	OPEN.AMP	4	0.9
1.3.1048	BIBAO	1	0.0
1.3.1064	OPEN.HEAT	1	2.3
1.3.1070	OPEN.SBD	4	0.0
1.3.1077	ETHWAR	1	0.2
1.3.1092	REALITY	7	0.2
1.3.1109	YYBTS	2	447.9
1.3.1152	OPEN.GRC	18	4.2
1.3.1160	OPEN.GAME	8	0.9
1.3.1161	OPEN.INCNT	9	0.6
1.3.1181	KAPITAL	24	0.3
1.3.1184	OPEN.NXC	4	0.9
1.3.1205	OBITS.WARRANT	38	0.6
1.3.1209	OPEN.WAVES	9	2.0
1.3.1229	SAVETHEPLANET	7	1.6
1.3.1236	MONEDAPAR	50	4.5
1.3.1247	WANGCHANGE	4	1.0
1.3.1262	ALTCAP.XDR	1	0.1
1.3.1264	WHALESHARES	45	53.6
1.3.1267	GALLEON	2	0.0
1.3.1276	WHALESHARE	265	265.0
1.3.1281	APPX.WARRANT	4	0.0
1.3.1318	LILWANGS	7	1.7
1.3.1325	RUBLE	96	349.0
1.3.1331	IOU.BCS	2	5.1
1.3.1345	TRUMPSUCKS	6	1.3
1.3.1352	QORA	16	2.7
1.3.1353	OPEN.EXCL	6	0.2
1.3.1356	TRUMPRULES	1	0.2
1.3.1357	OPEN.NUSHARES	2	233.2
1.3.1359	TATCHCOIN	18	0.0
1.3.1361	MYCOIN	3	0.7
1.3.1362	HERO	6	0.0
1.3.1363	SBUZZ	48	11.2
1.3.1368	TOKENOFTOKENS	14	0.0
1.3.1381	PATAGON	1	0.0
1.3.1388	OPEN.ETP	22	0.2
1.3.1389	ZENGOLD	16	3.7
1.3.1405	KARMAKON	3	0.0
1.3.1406	OPEN.ZGC	60	13.9
1.3.1411	OPEN.GOLOS	12	2.1
1.3.1412	OPEN.GBG	15	4.1

Asset ID	Symbol	# Operations	Fee Total
1.3.1413	OCT	33	13.4
1.3.1437	ONECHAT	2	0.5
1.3.1451	MVS.ZENDAO	3	3.0
1.3.1454	BEYONDBIT	4	8.0
1.3.1461	BALCOIN	1	0.2

Table 541. Fees collected by blockchain during 2017-06 for limit order create operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	4486507	54,436.0
1.3.103	BTC	21	0.0
1.3.105	SILVER	17	0.0
1.3.106	GOLD	9	0.0
1.3.113	CNY	11252	278.2
1.3.120	EUR	15	0.0
1.3.121	USD	2498	7.9
1.3.138	FUND	11	99,718,109.0
1.3.349	TRADE.LTC	1	0.0
1.3.350	TRADE.BTC	2	0.0
1.3.418	NEWBIE	14	2.8
1.3.556	BOND.CNY	1	43.0
1.3.562	OBITS	476	0.2
1.3.569	OPENBTC	4	0.0
1.3.585	QBITS	12	36.4
1.3.599	TRADE.MUSE	3	0.2
1.3.609	IOU.CNY	415	6,094.8
1.3.619	USDTR	4	2,433.0
1.3.626	SANDWICH	9	23.3
1.3.627	REPUBLIC	1	255.0
1.3.628	BRICS	2	2.4
1.3.659	OPENSESAME	1	88.0
1.3.669	PROFIT	2	576.0
1.3.679	BLOCK	1	299.0
1.3.696	TOKEN	1	300.0
1.3.708	TWEET	1	15.8
1.3.715	CREDO	1	2,444.0
1.3.732	ORBIT	1	2,399.0
1.3.754	SWIFT	1	2,499.9
1.3.757	OPEN.USD	5	8.5
1.3.766	OPEN.EUR	27	2.8
1.3.773	CALORIE	1	4,845.7
1.3.776	OPENPOS	1	71.5
1.3.787	BASKET	1	2,499.9
1.3.800	COPPERTICKET	1	397.3
1.3.802	PEWPS	6	7.3
1.3.806	GRAND	1	2.4
1.3.822	COMPUCEEDS	133	0.4



Asset ID	Symbol	# Operations	Fee Total
1.3.842	EDEV	7	14,442.6
1.3.849	BTSR	16	0.0
1.3.850	OPEN.ETH	470	0.2
1.3.855	OPEN.NBT	2	6.1
1.3.857	OPEN.PPC	6	0.0
1.3.858	OPEN.DASH	69	1.0
1.3.859	OPEN.LTC	128	2.3
1.3.860	OPEN.DOG	1	0.4
1.3.861	OPEN.BTC	3722	0.0
1.3.897	BTCPLUS	1	0.0
1.3.898	AUKSINAS	3	938.0
1.3.907	WECHAT	1	0.0
1.3.933	MKR	1	0.0
1.3.950	CAYMAN	1	0.0
1.3.956	BTSPLUS	2	0.0
1.3.958	BTWTY	19	0.0
1.3.970	FUNC	18	182.3
1.3.973	OPEN.STEEM	195	172.3
1.3.975	LISKICO	1	50.0
1.3.977	OPEN.LISK	11	0.1
1.3.979	OPEN.DGD	23	12.8
1.3.985	ALTCAPX	1	0.0
1.3.992	UNITEDSTATES	1	0.0
1.3.994	JINBI	1	1,607.9
1.3.1005	OPEN.DAO	1	0.0
1.3.1006	ICOO	286	1,321.8
1.3.1010	SPIES	39	6.1
1.3.1018	TRANS.DAO	1	0.0
1.3.1022	LISK	3	10.4
1.3.1041	OPEN.OMNI	1	0.0
1.3.1042	OPEN.USDT	62	35.0
1.3.1043	OPEN.AGRS	1	0.0
1.3.1044	OPEN.MAID	24	0.3
1.3.1048	BIBAO	7	0.0
1.3.1056	FIMK	24	571,831.8
1.3.1064	OPEN.HEAT	23	2.8
1.3.1068	OCEANIA	6	0.0
1.3.1070	OPEN.SBD	20	72.2
1.3.1074	BBPINGJI	1	0.0
1.3.1080	FAISAL	1	3,520.6
1.3.1085	JIJIN	1	3,669.2
1.3.1092	REALITY	26	406.6
1.3.1093	YOYOW	4	0.5
1.3.1094	HOTHEART	1	3,277.8
1.3.1098	JESUS	1	135.8
1.3.1102	HONEYCOIN	1	1,000.5

Asset ID	Symbol	# Operations	Fee Total
1.3.1108	PAYMASTER	1	3,668.0
1.3.1109	YYBTS	14	3,356,691.9
1.3.1139	NIHAO	1	0.0
1.3.1140	ZCASH	2	0.0
1.3.1152	OPEN.GRC	21	1,011.2
1.3.1160	OPEN.GAME	83	0.5
1.3.1161	OPEN.INCNT	23	911.5
1.3.1181	KAPITAL	62	138.7
1.3.1184	OPEN.NXC	2	0.0
1.3.1196	OPEN.DCT	2	0.0
1.3.1199	TASKMANAGER	1	0.0
1.3.1205	OBITS.WARRANT	40	0.0
1.3.1209	OPEN.WAVES	20	0.2
1.3.1214	TRAIL	3	0.0
1.3.1224	STEEMP	1	109.9
1.3.1229	SAVETHEPLANET	1	0.0
1.3.1238	VENOCOIN	1	0.0
1.3.1239	VENODOLAR	1	14.4
1.3.1247	WANGCHANGE	19	0.4
1.3.1263	TETHERUSD	1	0.0
1.3.1267	GALLEON	4	0.5
1.3.1276	WHALESHARE	20	20.0
1.3.1277	LEARNCOIN	2	9,934.0
1.3.1281	APPX.WARRANT	2	10.1
1.3.1282	JIYEBI	4	249.0
1.3.1302	STEEMFACTORY	4	48.5
1.3.1318	LILWANGS	1	7.0
1.3.1325	RUBLE	268	49.5
1.3.1329	NECTAR	42	3,666.5
1.3.1331	IOU.BCS	1	0.1
1.3.1343	NOFEE	1	0.0
1.3.1347	EVETAB	2	0.4
1.3.1352	QORA	38	67,317.0
1.3.1353	OPEN.EXCL	106	407.2
1.3.1355	VIVACOIN	2	36.6
1.3.1357	OPEN.NUSHARES	8	2,506.5
1.3.1358	RCOIN	1	96.9
1.3.1359	TATCHCOIN	6	18.3
1.3.1361	MYCOIN	11	0.1
1.3.1362	HERO	9	0.0
1.3.1368	TOKENOFTOKENS	3	0.3
1.3.1375	MEGATILT	2	374.0
1.3.1388	OPEN.ETP	40	0.0
1.3.1389	ZENGOLD	373	4.5
1.3.1392	NESLV	1	0.0
1.3.1399	ASKCOIN	1	303.0



Asset ID	Symbol	# Operations	Fee Total
1.3.1404	NIMSES	1	30,341.0
1.3.1405	KARMAKoin	14	0.0
1.3.1406	OPEN.ZGC	18	0.2
1.3.1407	STEAK	1	300.0
1.3.1410	QTUM	1	40.0
1.3.1411	OPEN.GOLOS	25	120.1
1.3.1413	OCT	953	48,563.9
1.3.1415	KPL	36	1.3
1.3.1420	ADXCu	1	303.0
1.3.1423	ALPHA	2	0.0
1.3.1424	ACHAIN	1	0.0
1.3.1431	CHC	77	97,117.4
1.3.1432	DOLLHAIRS	1	303.4
1.3.1440	IOU.LOT	1	303.5
1.3.1451	MVS.ZENDAO	25	1.4
1.3.1460	RUNCOIN	1	21.0

Table 542. Fees collected by blockchain during 2017-06 for limit order cancel operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	3874562	4,688.2
1.3.103	BTC	23	0.0
1.3.105	SILVER	14	0.0
1.3.106	GOLD	16	0.0
1.3.113	CNY	2312	5.8
1.3.120	EUR	6	0.0
1.3.121	USD	651	0.3
1.3.562	OBITS	234	0.0
1.3.569	OPENBTC	13	0.0
1.3.585	QBITS	6	1.8
1.3.609	IOU.CNY	65	0.1
1.3.628	BRICS	1	0.1
1.3.629	IOU.ABC	5	0.0
1.3.640	MONEYCLUB	1	0.0
1.3.679	BLOCK	2	0.0
1.3.734	TCNY	1	0.0
1.3.746	ANTSHARE	27	0.0
1.3.757	OPEN.USD	4	0.0
1.3.758	GAMEBET	1	0.0
1.3.766	OPEN.EUR	1	0.0
1.3.790	TRADE.DOG	1	0.0
1.3.822	COMPUCEEDS	27	0.0
1.3.842	EDEV	3	0.0
1.3.849	BTSR	5	0.0
1.3.850	OPEN.ETH	142	0.0
1.3.854	OPEN.MUSE	2	0.0
1.3.855	OPEN.NBT	5	0.0

Asset ID	Symbol	# Operations	Fee Total
1.3.858	OPEN.DASH	48	0.0
1.3.859	OPEN.LTC	35	0.0
1.3.860	OPEN.DOG	5	0.2
1.3.861	OPEN.BTC	583	0.0
1.3.898	AUKSINAS	1	0.0
1.3.907	WECHAT	3	0.0
1.3.933	MKR	1	0.0
1.3.958	BTWTY	10	0.0
1.3.969	GCSWI	2	4.8
1.3.970	FUNC	5	0.0
1.3.973	OPEN.STEEM	16	0.0
1.3.977	OPEN.LISK	26	0.0
1.3.979	OPEN.DGD	1	0.0
1.3.985	ALTCAP.X	1	0.0
1.3.987	CLINTON	1	121.0
1.3.1006	ICOO	10	0.0
1.3.1010	SPIES	13	0.0
1.3.1022	LISK	1	0.0
1.3.1042	OPEN.USDT	16	0.0
1.3.1044	OPEN.MAID	8	0.0
1.3.1068	OCEANIA	1	0.0
1.3.1070	OPEN.SBD	4	0.0
1.3.1092	REALITY	8	0.0
1.3.1093	YOYOW	1	0.0
1.3.1139	NIHAO	4	0.0
1.3.1152	OPEN.GRC	14	0.0
1.3.1161	OPEN.INCNT	13	0.0
1.3.1181	KAPITAL	10	0.0
1.3.1184	OPEN.NXC	15	0.0
1.3.1199	TASKMANAGER	8	0.0
1.3.1205	OBITS.WARRANT	5	0.0
1.3.1209	OPEN.WAVES	1	0.0
1.3.1214	TRAIL	1	0.0
1.3.1224	STEEMP	5	0.0
1.3.1229	SAVETHEPLANET	7	0.0
1.3.1259	GOLOS	6	0.0
1.3.1272	ETFBTC	9	0.0
1.3.1281	APPX.WARRANT	1	0.0
1.3.1302	STEEMFACTORY	1	1.2
1.3.1317	ZCOIN	9	0.0
1.3.1318	LILWANGS	2	0.0
1.3.1325	RUBLE	109	1.6
1.3.1327	LEOBUZZ	3	0.0
1.3.1329	NECTAR	1	0.0
1.3.1352	QORA	56	0.1
1.3.1353	OPEN.EXCL	3	0.0



Asset ID	Symbol	# Operations	Fee Total
1.3.1359	TATCHCOIN	1	0.0
1.3.1361	MYCOIN	5	0.0
1.3.1362	HERO	5	0.0
1.3.1388	OPEN.ETP	22	0.0
1.3.1389	ZENGOLD	20	0.0
1.3.1405	KARMAKON	4	0.0
1.3.1406	OPEN.ZGC	15	0.0
1.3.1411	OPEN.GOLOS	1	0.0
1.3.1412	OPEN.GBG	1	0.0
1.3.1413	OCT	92	0.2
1.3.1423	ALPHA	2	0.0
1.3.1431	CHC	3	0.0

Table 543. Fees collected by blockchain during 2017-06 for call order update operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	10651	129.2

Table 544. Fees collected by blockchain during 2017-06 for account create operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	170113	222,016.7

Table 545. Fees collected by blockchain during 2017-06 for account update operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	921	18.3
1.3.113	CNY	5	0.2
1.3.121	USD	1	0.0
1.3.850	OPEN.ETH	1	0.0
1.3.861	OPEN.BTC	5	0.0
1.3.973	OPEN.STEEM	1	0.0

Table 546. Fees collected by blockchain during 2017-06 for account whitelisting operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	48	58.3

Table 547. Fees collected by blockchain during 2017-06 for account upgrade operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	171	249,106.1
1.3.113	CNY	1	3,357.2
1.3.859	OPEN.LTC	1	7.3

Table 548. Fees collected by blockchain during 2017-06 for asset create operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	70	1,031,267.6

Table 549. Fees collected by blockchain during 2017-06 for asset update operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	74	1,799.6

Table 550. Fees collected by blockchain during 2017-06 for asset update BitAsset operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	1	60.7

Table 551. Fees collected by blockchain during 2017-06 for asset issue operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	145	32.2

Table 552. Fees collected by blockchain during 2017-06 for asset reserve operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	25	0.3

Table 553. Fees collected by blockchain during 2017-06 for asset fund fee pool operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	11	66.8

Table 554. Fees collected by blockchain during 2017-06 for asset settle operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	361	219.1

Table 555. Fees collected by blockchain during 2017-06 for asset publish feed operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	631580	764.2

Table 556. Fees collected by blockchain during 2017-06 for witness create operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	1	607.0

Table 557. Fees collected by blockchain during 2017-06 for witness update operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	36	4.4



Table 558. Fees collected by blockchain during 2017-06 for proposal create operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	666	1,319.6

Table 559. Fees collected by blockchain during 2017-06 for proposal update operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	991	62.1

Table 560. Fees collected by blockchain during 2017-06 for committee member create operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	1	60.7

Table 561. Fees collected by blockchain during 2017-06 for vesting balance withdrawal operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	212	5,147.2

Table 562. Fees collected by blockchain during 2017-06 for worker create operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	1	607.0

Table 563. Fees collected by blockchain during 2017-06 for custom operation

Asset ID	Symbol	# Operations	Fee Total
1.3.1236	MONEDAPAR	2	0.4

Table 564. Fees collected by blockchain during 2017-06 for override transfer operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	3	36.4

Table 565. Fees collected by blockchain during 2017-06 for transfer to blind operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	113	384.1

Table 566. Fees collected by blockchain during 2017-06 for blind transfer operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	119	1,785.0

Table 567. Fees collected by blockchain during 2017-06 for transfer from blind operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	113	288.1

Table 568. Fees collected by blockchain during 2017-06 for asset claim fees operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	32	388.5

Fees Collected During 2017-07

Table 569. Fees collected by blockchain during 2017-07 for transfer operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	52,147	11,998.3
1.3.103	BTC	8	0.0
1.3.105	SILVER	9	0.0
1.3.113	CNY	1,150	311.8
1.3.120	EUR	4	0.1
1.3.121	USD	152	5.8
1.3.350	TRADE.BTC	1	0.0
1.3.418	NEWBIE	19	46.0
1.3.562	OBITS	20	0.2
1.3.569	OPENBTC	10	0.0
1.3.658	FISTBUMP	1	0.2
1.3.670	MEGUSTA	1	0.0
1.3.734	TCNY	1	0.0
1.3.766	OPEN.EUR	1	0.0
1.3.799	SILVERTICKET	1	0.2
1.3.822	COMPUCEEDS	51	0.0
1.3.829	SUGAR	8	1.9
1.3.833	WTICRUDE	1	0.6
1.3.843	FEDEV	11	2.6
1.3.849	BTSR	2	0.0
1.3.850	OPEN.ETH	230	0.0
1.3.855	OPEN.NBT	10	0.0
1.3.858	OPEN.DASH	68	0.0
1.3.859	OPEN.LTC	99	0.1
1.3.860	OPEN.DOGE	3	23.3
1.3.861	OPEN.BTC	456	0.0
1.3.868	BOTFUND.USD	1	1.0
1.3.898	AUKSINAS	1	0.1
1.3.907	WECHAT	47	10.3
1.3.943	CADASTRAL	1	0.0
1.3.958	BTWTY	1	0.0
1.3.969	GCSWI	1	0.0
1.3.970	FUNC	18	0.3
1.3.973	OPEN.STEEM	37	0.9
1.3.976	CASH.BTC	1	0.0
1.3.977	OPEN.LISK	3	0.7
1.3.979	OPEN.DGD	2	0.0



Asset ID	Symbol	# Operations	Fee Total
1.3.1006	ICOO	1	0.0
1.3.1007	NINJASOUL	25	116.0
1.3.1010	SPIES	526	10.4
1.3.1020	OPEN.MKR	1	0.2
1.3.1041	OPEN.OMNI	1	0.0
1.3.1043	OPEN.AGRS	1	0.2
1.3.1044	OPEN.MAID	14	3.2
1.3.1046	OPEN.AMP	3	0.7
1.3.1048	BIBAO	2,876	0.9
1.3.1064	OPEN.HEAT	11	25.5
1.3.1070	OPEN.SBD	4	0.0
1.3.1152	OPEN.GRC	2	0.5
1.3.1160	OPEN.GAME	3	0.3
1.3.1181	KAPITAL	25	0.3
1.3.1184	OPEN.NXC	7	1.6
1.3.1196	OPEN.DCT	1	0.2
1.3.1205	OBITS.WARRANT	1	0.0
1.3.1209	OPEN.WAVES	9	2.1
1.3.1229	SAVETHEPLANE T	3	0.7
1.3.1236	MONEDAPAR	17	1.5
1.3.1276	WHALESHARE	279	279.0
1.3.1288	USDTETHERDEF AULT	5	0.1
1.3.1325	RUBLE	31	59.7
1.3.1331	IOU.BCS	3	7.7
1.3.1352	QORA	38	6.5
1.3.1362	HERO	3	0.0
1.3.1381	PATAGON	3	0.0
1.3.1389	ZENGOLD	1	0.2
1.3.1399	ASKCOIN	1	0.2
1.3.1406	OPEN.ZGC	12	2.7
1.3.1411	OPEN.GOLOS	10	1.7
1.3.1412	OPEN.GBG	1	0.3
1.3.1413	OCT	5	1.7
1.3.1419	ADXWU	1	0.2
1.3.1439	PPY	1	2.2
1.3.1451	MVS.ZENDAO	1	1.1
1.3.1454	BEYONDBIT	76	152.0
1.3.1458	OPEN.PPY	9	0.1
1.3.1464	LZKJF	2	131.1
1.3.1467	BTBOXS	1	0.2
1.3.1473	CVCOIN	77	3.4
1.3.1479	COLOR	2	0.4
1.3.1498	AVERS	1	0.2
1.3.1523	NARWHALS	5	0.6
1.3.1538	RMB	3	1.1

Asset ID	Symbol	# Operations	Fee Total
1.3.1540	IOU.ETH	7	1.6
1.3.1552	GMBIT	1	0.2

Table 570. Fees collected by blockchain during 2017-07 for limit order create operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	8,129,996	98,616.9
1.3.103	BTC	34	0.0
1.3.105	SILVER	14	0.0
1.3.106	GOLD	9	0.0
1.3.113	CNY	10,503	33,954.5
1.3.120	EUR	22	1,048.3
1.3.121	USD	1,555	3.3
1.3.138	FUND	1	606.5
1.3.350	TRADE.BTC	1	0.0
1.3.397	ALTFUND	1	0.5
1.3.562	OBITS	164	218.3
1.3.569	OPENBTC	2	0.0
1.3.585	QBITS	17	51.6
1.3.614	GSTAMP	2	593.2
1.3.626	SANDWICH	3	0.1
1.3.660	HIGHFIVE	1	9.0
1.3.757	OPEN.USD	4	2.4
1.3.766	OPEN.EUR	14	2.2
1.3.802	PEWPS	1	1.2
1.3.822	COMPUCEEDS	24	0.0
1.3.835	SWALLOW	1	5.0
1.3.843	FEDEV	1	29.1
1.3.849	BTSR	13	8.8
1.3.850	OPEN.ETH	265	1.0
1.3.855	OPEN.NBT	3	0.4
1.3.857	OPEN.PPC	5	3.0
1.3.858	OPEN.DASH	32	0.0
1.3.859	OPEN.LTC	123	0.0
1.3.860	OPEN.DOGE	33	9,976.7
1.3.861	OPEN.BTC	793	0.2
1.3.908	WECHAT.PHUKET	4	2,500.0
1.3.933	MKR	1	0.0
1.3.943	CADASTRAL	6	1.8
1.3.956	BTSPLUS	3	36.6
1.3.958	BTWTY	14	0.0
1.3.969	GCSWI	2	431.9
1.3.970	FUNC	9	1.1
1.3.972	TOYOTA	1	12.1
1.3.973	OPEN.STEEM	52	49.5
1.3.977	OPEN.LISK	4	0.0



Asset ID	Symbol	# Operations	Fee Total
1.3.979	OPEN.DGD	4	0.3
1.3.983	WORTHLESS	1	1,213.0
1.3.994	JINBI	2	193.6
1.3.1006	ICOO	57	0.0
1.3.1007	NINJASOUL	7	3,670.0
1.3.1010	SPIES	82	6.6
1.3.1042	OPEN.USDT	18	1.0
1.3.1044	OPEN.MAID	6	0.1
1.3.1046	OPEN.AMP	1	0.0
1.3.1064	OPEN.HEAT	30	3.6
1.3.1070	OPEN.SBD	3	10.0
1.3.1081	ETCOIN	18	41.3
1.3.1140	ZCASH	2	0.0
1.3.1152	OPEN.GRC	13	298.4
1.3.1160	OPEN.GAME	6	0.0
1.3.1181	KAPITAL	51	0.0
1.3.1184	OPEN.NXC	4	0.0
1.3.1196	OPEN.DCT	1	0.0
1.3.1205	OBITS.WARRANT	3	416.5
1.3.1209	OPEN.WAVES	14	0.2
1.3.1229	SAVETHEPLANE	1	9.9
1.3.1247	WANGCHANGE	3	0.1
1.3.1262	ALTCAP.XDR	7	330.4
1.3.1267	GALLEON	2	3.1
1.3.1275	HYBRID	1	14.7
1.3.1276	WHALESHARE	55	55.0
1.3.1282	JIYEBI	2	150.0
1.3.1302	STEEMFACTORY	1	12.1
1.3.1318	LILWANGS	1	3,629.3
1.3.1325	RUBLE	78	9.5
1.3.1329	NECTAR	67	0.8
1.3.1331	IOU.BCS	3	952.7
1.3.1343	NOFEE	1	0.0
1.3.1352	QORA	33	1,781.2
1.3.1353	OPEN.EXCL	13	33.3
1.3.1357	OPEN.NUSHARES	13	78.8
1.3.1361	MYCOIN	2	0.0
1.3.1362	HERO	31	0.0
1.3.1368	TOKENOFTOKENS	3	0.1
1.3.1388	OPEN.ETP	1	70.4
1.3.1389	ZENGOLD	37	1,795.4
1.3.1399	ASKCOIN	11	0.1
1.3.1405	KARMAKCOIN	1	0.4
1.3.1406	OPEN.ZGC	8	287.9
1.3.1411	OPEN.GOLOS	23	105.4

Asset ID	Symbol	# Operations	Fee Total
1.3.1412	OPEN.GBG	6	353.7
1.3.1413	OCT	188	501.5
1.3.1415	KPL	44	1.6
1.3.1423	ALPHA	4	352.8
1.3.1439	PPY	3	0.0
1.3.1451	MVS.ZENDAO	17	700.9
1.3.1452	DNXTO	12	319.5
1.3.1454	BEYONDBIT	20	20.0
1.3.1458	OPEN.PPY	9	0.0
1.3.1460	RUNCOIN	3	54.9
1.3.1464	LZKJF	90	2,854.8
1.3.1465	LZKGF	6	5,101.5
1.3.1466	FRIEND	1	0.0
1.3.1467	BTBOXS	1	0.0
1.3.1472	BIKERCOIN	29	319.5
1.3.1473	CVCOIN	411	117.3
1.3.1474	CHAIN	2	0.0
1.3.1475	PEERCROWDFUND	3	0.3
1.3.1479	COLOR	6	303.1
1.3.1486	HAIRSHARE	1	303.5
1.3.1498	AVERS	109	303.3
1.3.1523	NARWHALS	21	151.2
1.3.1533	EBULLION	1	0.0
1.3.1537	GCSTT	14	0.0
1.3.1538	RMB	45	48,559.3
1.3.1540	IOU.ETH	1	301.9
1.3.1541	IOU.CYB	1	303.5
1.3.1542	IOU.EOS	1	303.5
1.3.1543	BUILDTEAM	10	12.1
1.3.1545	CNYCOIN	1	0.0
1.3.1550	CRYPTOCADEMY	2	303.5
1.3.1552	GMBIT	1	108.9

Table 571. Fees collected by blockchain during 2017-07 for limit order cancel operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	7,557,922	9,145.1
1.3.103	BTC	7	0.0
1.3.105	SILVER	3	0.0
1.3.106	GOLD	3	0.0
1.3.113	CNY	1,319	2.0
1.3.120	EUR	17	0.0
1.3.121	USD	279	0.1
1.3.350	TRADE.BTC	2	0.0
1.3.418	NEWBIE	1	0.1
1.3.562	OBITS	19	0.0



Asset ID	Symbol	# Operations	Fee Total
1.3.569	OPENBTC	22	0.0
1.3.822	COMPUCEEDS	10	0.0
1.3.849	BTSR	1	0.0
1.3.850	OPEN.ETH	61	0.0
1.3.855	OPEN.NBT	4	0.0
1.3.857	OPEN.PPC	3	0.0
1.3.858	OPEN.DASH	121	0.0
1.3.859	OPEN.LTC	39	0.0
1.3.860	OPEN.DOGE	2	0.1
1.3.861	OPEN.BTC	88	0.0
1.3.888	BANX	1	0.0
1.3.907	WECHAT	1	0.0
1.3.943	CADASTRAL	2	0.0
1.3.958	BTWTY	19	0.0
1.3.970	FUNC	2	0.0
1.3.973	OPEN.STEEM	9	0.0
1.3.977	OPEN.LISK	3	0.0
1.3.979	OPEN.DGD	1	0.0
1.3.986	TRUMP	1	0.0
1.3.987	CLINTON	1	121.0
1.3.1006	ICOO	1	0.0
1.3.1007	NINJASOUL	1	0.0
1.3.1010	SPIES	22	0.0
1.3.1018	TRANS.DAO	2	0.0
1.3.1042	OPEN.USDT	3	0.0
1.3.1044	OPEN.MAID	2	0.0
1.3.1064	OPEN.HEAT	4	0.0
1.3.1070	OPEN.SBD	3	0.0
1.3.1081	ETCOIN	2	0.0
1.3.1085	JIJIN	4	0.0
1.3.1098	JESUS	3	0.0
1.3.1152	OPEN.GRC	3	0.0
1.3.1160	OPEN.GAME	3	0.0
1.3.1181	KAPITAL	2	0.0
1.3.1184	OPEN.NXC	5	0.0
1.3.1196	OPEN.DCT	2	0.0
1.3.1199	TASKMANAGER	3	0.0
1.3.1209	OPEN.WAVES	1	0.0
1.3.1229	SAVETHEPLANE T	3	0.0
1.3.1262	ALTCAPXDR	2	0.0
1.3.1263	TETHERUSD	1	0.0
1.3.1272	ETFBTC	17	0.0
1.3.1276	WHALESHARE	31	31.0
1.3.1288	USDTETHERDEF AULT	1	0.0
1.3.1318	LILWANGS	4	0.0
1.3.1325	RUBLE	10	0.1

Asset ID	Symbol	# Operations	Fee Total
1.3.1352	QORA	271	0.2
1.3.1362	HERO	32	0.0
1.3.1363	SBUZZ	1	0.0
1.3.1375	MEGATILT	4	0.0
1.3.1406	OPEN.ZGC	15	0.0
1.3.1411	OPEN.GOLOS	3	0.0
1.3.1413	OCT	21	0.0
1.3.1415	KPL	1	0.0
1.3.1420	ADXCUI	1	0.0
1.3.1431	CHC	2	0.0
1.3.1445	BLESS	1	0.0
1.3.1454	BEYONDBIT	2	2.0
1.3.1464	LZKJF	5	1.8
1.3.1473	CVCOIN	56	0.0
1.3.1523	NARWHALS	2	0.0
1.3.1538	RMB	6	0.0
1.3.1543	BUILDTEAM	2	0.2

Table 572. Fees collected by blockchain during 2017-07 for call order update operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	9,718	117.9

Table 573. Fees collected by blockchain during 2017-07 for account create operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	19,307	30,701.9

Table 574. Fees collected by blockchain during 2017-07 for account update operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	576	10.8
1.3.113	CNY	7	0.2
1.3.822	COMPUCEEDS	2	0.0
1.3.850	OPEN.ETH	1	0.0
1.3.859	OPEN.LTC	1	0.0
1.3.1184	OPEN.NXC	1	0.0
1.3.1276	WHALESHARE	2	2.0
1.3.1473	CVCOIN	1	0.0

Table 575. Fees collected by blockchain during 2017-07 for account whitelisting operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	39	47.3



Table 576. Fees collected by blockchain during 2017-07 for account upgrade operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	110	160,243.7
1.3.113	CNY	1	1,144.4
1.3.850	OPEN.ETH	1	1.0
1.3.861	OPEN.BTC	2	0.2

Table 577. Fees collected by blockchain during 2017-07 for asset create operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	106	375,725.8

Table 578. Fees collected by blockchain during 2017-07 for asset update operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	92	2,236.5

Table 579. Fees collected by blockchain during 2017-07 for asset update BitAsset operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	1	60.7

Table 580. Fees collected by blockchain during 2017-07 for asset issue operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	227	50.2

Table 581. Fees collected by blockchain during 2017-07 for asset reserve operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	83	1.0

Table 582. Fees collected by blockchain during 2017-07 for asset fund fee pool operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	41	248.9

Table 583. Fees collected by blockchain during 2017-07 for asset settle operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	198	120.2

Table 584. Fees collected by blockchain during 2017-07 for asset publish feed operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	880,185	1,065.0

Table 585. Fees collected by blockchain during 2017-07 for witness create operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	2	1,214.0

Table 586. Fees collected by blockchain during 2017-07 for witness update operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	37	4.5

Table 587. Fees collected by blockchain during 2017-07 for proposal create operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	453	901.7
1.3.1010	SPIES	1	0.2

Table 588. Fees collected by blockchain during 2017-07 for proposal update operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	653	40.9

Table 589. Fees collected by blockchain during 2017-07 for vesting balance withdrawal operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	148	3,593.3

Table 590. Fees collected by blockchain during 2017-07 for worker create operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	1	607.0

Table 591. Fees collected by blockchain during 2017-07 for override transfer operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	14	170.1

Table 592. Fees collected by blockchain during 2017-07 for transfer to blind operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	15	51.0

Table 593. Fees collected by blockchain during 2017-07 for blind transfer operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	11	165.0

Table 594. Fees collected by blockchain during 2017-07 for transfer from blind operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	6	15.3



Table 595. Fees collected by blockchain during 2017-07 for asset claim fees operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	41	497.7

Fees Collected All-Time

Table 596. Fees collected by the blockchain from 2015-11 through 2017-07 for transfer operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	343,085	1,236,495.4
1.3.103	BTC	74	0.0
1.3.105	SILVER	92	0.3
1.3.106	GOLD	10	0.0
1.3.113	CNY	4,644	1,864.2
1.3.120	EUR	176	6.4
1.3.121	USD	1,274	85.9
1.3.130	HLP	2	0.0
1.3.138	FUND	2	270,766.5
1.3.349	TRADE.LTC	7	0.3
1.3.350	TRADE.BTC	133	0.0
1.3.362	DOGECOIN	1	2.8
1.3.418	NEWBIE	35	82.5
1.3.422	AWCOIN	1,284	21,630.8
1.3.423	SYCOIN	4	360.0
1.3.472	METAFEEES	24	0.3
1.3.541	AIWCNY	55	52.4
1.3.552	TIPSHARES	15	21,193.9
1.3.554	ELECTROTAXI	1	28.0
1.3.556	BOND.CNY	3	3.0
1.3.557	QWERTY	2	404.4
1.3.560	DORIAN	5	42.0
1.3.562	OBITS	1,631	754.7
1.3.566	OCASH	1	0.0
1.3.569	OPENBTC	246	0.1
1.3.577	OPENLTC	9	0.3
1.3.578	OPENDOGE	9	12,140.6
1.3.579	OPENDASH	11	0.5
1.3.580	OPENPPC	4	1.2
1.3.585	QBITS	214	219,192.8
1.3.587	FRESH	1	1.0
1.3.590	OPENMUSE	40	3,303.9
1.3.592	METAEX.BTC	29	0.0
1.3.593	METAEX.ETH	7	0.2
1.3.594	METAEX.NXT	3	20.5
1.3.595	SHMACK	1	3.0
1.3.599	TRADE.MUSE	66	6,504.3

Asset ID	Symbol	# Operations	Fee Total
1.3.607	PERKS	77	228.0
1.3.609	IOU.CNY	212	77.3
1.3.611	GNOTES	2	60.0
1.3.614	GSTAMP	70	13,392.9
1.3.616	GREENPOINT	15	0.6
1.3.619	USDTR	3	3.1
1.3.621	MINUTE	1	40.0
1.3.626	SANDWICH	5	0.7
1.3.628	BRICS	6	12,889.5
1.3.629	IOU.ABC	10	8.2
1.3.636	FLATEARTH	3	104.2
1.3.637	PLATINUM	2	63,906.2
1.3.638	LITECOIN	1	105,669.6
1.3.639	BTSFCX	10	2,260.2
1.3.642	IOU.PLS	2	73.6
1.3.658	FISTBUMP	48	1,469.8
1.3.659	OPENSESAME	56	1,073.6
1.3.660	HIGHFIVE	6	191.0
1.3.666	GREATIDEA	10	316.9
1.3.670	MEGUSTA	10	40.0
1.3.671	BEYONDBITCOIN	11	347.5
1.3.673	THANKYOU	8	198.9
1.3.678	KUDOS	3	96.3
1.3.680	PERCENT	14	443.4
1.3.684	NEURATEST	2	0.6
1.3.685	BEARHUG	3	93.0
1.3.688	SMILE	5	129.0
1.3.705	WARNING	1	32.1
1.3.708	TWEET	2	64.2
1.3.715	CREDO	2	3.0
1.3.720	BARRAS	1	0.0
1.3.734	TCNY	41	19.7
1.3.742	CRAPCOIN	10	339.9
1.3.743	STEALTH	1	0.0
1.3.744	SPERM	1	32.1
1.3.745	BLOCKCHAINFUND	4	92.5
1.3.746	ANTSHARE	16	1.2
1.3.747	BOSEG	5	124.9
1.3.749	QUANT	15	488.0
1.3.751	IOU.ANS	1	0.3
1.3.757	OPEN.USD	39	0.5
1.3.758	GAMEBET	15	185.3
1.3.766	OPEN.EUR	15	0.4
1.3.767	OPEN.CNY	1	0.4
1.3.776	OPENPOS	69	10.8
1.3.777	MERRY.CHRIST	2	64.2



Asset ID	Symbol	# Operations	Fee Total
	MAS		
1.3.790	TRADE.DOG	5	469.1
1.3.795	IOU.LBA	2	6.2
1.3.798	GOLDENTICKET	2	64.2
1.3.799	SILVERTICKET	2	32.3
1.3.800	COPPERTICKET	17	103.9
1.3.802	PEWPS	75	240,820.3
1.3.803	DISRUPTDAILY	1	2.1
1.3.804	SPORTS.SBLAFC	1	32.1
1.3.806	GRAND	2	0.0
1.3.808	BGIBTS	55	124.7
1.3.811	HUNDRED	1	0.0
1.3.814	OPEN.EMC	1	0.0
1.3.816	TRYBITSHARES	4	128.4
1.3.818	FREEROSS	1	33.0
1.3.822	COMPUCEEDS	5,150	1,878.8
1.3.825	IOU.LUCKY	11	32.1
1.3.826	OPENBKS	11	0.1
1.3.827	SOLCERT	26	26.0
1.3.828	OPEN.BKS	2	0.0
1.3.829	SUGAR	8	1.9
1.3.831	DEMNOCLINTON	4	28.0
1.3.833	WTICRUDE	2	7.6
1.3.834	SPFIVE	1	6.6
1.3.839	SHAREBIT	40	680.1
1.3.841	LOCALASSET	2	64.8
1.3.842	EDEV	60	1.8
1.3.843	FEDEV	12	32.6
1.3.849	BTSR	460	163.3
1.3.850	OPEN.ETH	1,287	1.3
1.3.851	IOU.RMB	3	3.0
1.3.854	OPEN.MUSE	54	1,034.2
1.3.855	OPEN.NBT	69	0.2
1.3.857	OPEN.PPC	3	0.1
1.3.858	OPEN.DASH	221	0.4
1.3.859	OPEN.LTC	300	1.3
1.3.860	OPEN.DOG	8	486.5
1.3.861	OPEN.BTC	5,871	0.2
1.3.868	BOTFUND.USD	1	1.0
1.3.872	KOKADUKATS	2	0.1
1.3.888	BANX	1	0.2
1.3.897	BTCPLUS	78	0.0
1.3.898	AUKSINAS	7	1.2
1.3.899	ENTREPRENEUR	3	8.1
1.3.903	SCISHARES	2	1.8
1.3.907	WECHAT	122	82.6

Asset ID	Symbol	# Operations	Fee Total
1.3.913	TIMEKON	1	2.0
1.3.921	CASH.USD	1,050	15.1
1.3.924	PEERPLAYS	18	0.2
1.3.933	MKR	163	0.2
1.3.938	REPUTATION	3	0.0
1.3.943	CADASTRAL	245	7.1
1.3.946	KITTY	18	4,843.6
1.3.950	CAYMAN	348	5.7
1.3.956	BTSPLUS	2	0.1
1.3.957	YXCOIN	4	1,056.8
1.3.958	BTWTY	15	0.0
1.3.969	GCSWI	1	0.0
1.3.970	FUNC	401	33.9
1.3.973	OPEN.STEEM	270	29.7
1.3.975	LISKICO	2	5.4
1.3.976	CASH.BTC	1	0.0
1.3.977	OPEN.LISK	47	69.1
1.3.979	OPEN.DGD	296	0.8
1.3.980	FIMKRYPTO	9	258.0
1.3.981	DUPCOIN	1	3,421.1
1.3.983	WORTHLESS	22	0.1
1.3.984	WORTHMORE	300	0.0
1.3.986	TRUMP	13	0.0
1.3.987	CLINTON	1	0.0
1.3.988	SANDERS	8	18.5
1.3.989	WASHINGTON	1	0.0
1.3.990	FRANKLIN	6	0.0
1.3.991	FREEDOM	2	0.0
1.3.992	UNITEDSTATES	1	0.0
1.3.993	EUROPE	5	0.0
1.3.994	JINBI	88	33.0
1.3.996	YASHA	12	11.8
1.3.998	WETSTOCK	343	5.4
1.3.999	DRYSTOCK	216	3.4
1.3.1004	BLOCKAR	340	899.1
1.3.1005	OPEN.DAO	26	73.6
1.3.1006	ICOO	456	11.7
1.3.1007	NINJASOUL	25	116.0
1.3.1010	SPIES	1,011	11.7
1.3.1011	TRADE.USDLABOR	3	0.7
1.3.1013	RETAILSET	389	9.0
1.3.1017	ARS	1	0.1
1.3.1018	TRANS.DAO	11	0.7
1.3.1020	OPEN.MKR	3	3.3
1.3.1022	LISK	2	0.5
1.3.1032	TRANS.ETH	10	0.0



Asset ID	Symbol	# Operations	Fee Total
1.3.1041	OPEN.OMNI	8	0.3
1.3.1042	OPEN.USDT	163	1.5
1.3.1043	OPEN.AGRS	2	3.1
1.3.1044	OPEN.MAID	65	56.9
1.3.1046	OPEN.AMP	17	25.0
1.3.1048	BIBAO	2,877	0.9
1.3.1053	YINCOIN	1	2.7
1.3.1056	FIMK	20	389.1
1.3.1064	OPEN.HEAT	175	4,465.5
1.3.1065	CRYPTOCEEDS	22	0.1
1.3.1069	OPEN.ARDR	13	23.2
1.3.1070	OPEN.SBD	30	11.9
1.3.1071	HONGLI	2	0.2
1.3.1072	BLOCKPAY	805	56.9
1.3.1077	ETHWAR	2	1.6
1.3.1079	OPEN.DEOS	39	109.1
1.3.1080	FAISAL	3	7.0
1.3.1081	ETCOIN	12	0.7
1.3.1092	REALITY	10	0.2
1.3.1093	YOYOW	1,280	17,887.3
1.3.1094	HOTHEART	3	10.5
1.3.1100	RISKER	24	0.4
1.3.1102	HONEYCOIN	1	1.4
1.3.1104	BLKONE	1	2.8
1.3.1109	YYBTS	120	312,442.7
1.3.1139	NIHAO	31	82.4
1.3.1140	ZCASH	1	0.0
1.3.1144	BAHT	1	0.0
1.3.1152	OPEN.GRC	43	61.0
1.3.1160	OPEN.GAME	20	8.2
1.3.1161	OPEN.INCNT	217	169.8
1.3.1181	KAPITAL	467	37.5
1.3.1182	SAXIONEURO	5	13.2
1.3.1184	OPEN.NXC	40	84.4
1.3.1188	HEMPSWEET	1	2.7
1.3.1196	OPEN.DCT	1	0.2
1.3.1199	TASKMANAGER	1	0.0
1.3.1200	TREISM	1	0.0
1.3.1205	OBITS.WARRANT	39	0.6
1.3.1209	OPEN.WAVES	23	14.1
1.3.1210	OKCASHBAG	1	0.3
1.3.1211	VIRGROW	156	0.4
1.3.1224	STEEMP	3	0.1
1.3.1226	MERRYCHRISTMAS	3	0.8
1.3.1229	SAVETHEPLANE	24	26.2

Asset ID	Symbol	# Operations	Fee Total
1.3.1236	MONEDAPAR	265	131.3
1.3.1247	WANGCHANGE	160	402.5
1.3.1248	THIRSTY	5	0.0
1.3.1259	GOLOS	1	0.4
1.3.1262	ALTCAP.XDR	1	0.1
1.3.1264	WHALESHARES	45	53.6
1.3.1267	GALLEON	5	0.0
1.3.1272	ETFBTC	7	9.9
1.3.1274	PPBITS	1	1.0
1.3.1276	WHALESHARE	563	642.0
1.3.1281	APPX.WARRANT	4	0.0
1.3.1286	KEEPCOIN	11	27.2
1.3.1288	USD TETHER DEFAULT	5	0.1
1.3.1289	DINAR	3	7.9
1.3.1292	DEXTBTC	2	0.0
1.3.1299	TESTCOIN	5	10.6
1.3.1317	ZCOIN	9	0.3
1.3.1318	LILWANGS	19	32.8
1.3.1325	RUBLE	279	1,202.4
1.3.1327	LEOBUZZ	201	566.4
1.3.1329	NECTAR	1	1.4
1.3.1331	IOU.BCS	20	50.5
1.3.1345	TRUMPSUCKS	22	29.0
1.3.1347	EVETAB	7	0.7
1.3.1352	QORA	56	13.5
1.3.1353	OPEN.EXCL	6	0.2
1.3.1356	TRUMPRULES	1	0.2
1.3.1357	OPEN.NUSHARES	2	233.2
1.3.1359	TATCHCOIN	21	0.0
1.3.1361	MYCOIN	4	2.0
1.3.1362	HERO	9	0.0
1.3.1363	SBUZZ	50	14.0
1.3.1368	TOKENOFTOKENS	18	0.0
1.3.1374	ZAPPL	1	0.0
1.3.1375	MEGATILT	3	3.9
1.3.1381	PATAGON	4	0.0
1.3.1388	OPEN.ETP	32	0.7
1.3.1389	ZENGOLD	20	7.9
1.3.1399	ASKCOIN	1	0.2
1.3.1405	KARMAKCOIN	3	0.0
1.3.1406	OPEN.ZGC	72	16.7
1.3.1411	OPEN.GOLOS	22	3.8
1.3.1412	OPEN.GBG	16	4.3
1.3.1413	OCT	38	15.1
1.3.1419	ADXWU	1	0.2



Asset ID	Symbol	# Operations	Fee Total
1.3.1437	ONECHAT	2	0.5
1.3.1439	PPY	1	2.2
1.3.1451	MVS.ZENDAO	4	4.1
1.3.1454	BEYONDBIT	80	160.0
1.3.1458	OPEN.PPY	9	0.1
1.3.1461	BALCOIN	1	0.2
1.3.1464	LZKJF	2	131.1
1.3.1467	BTBOXS	1	0.2
1.3.1473	CVCOIN	77	3.4
1.3.1479	COLOR	2	0.4
1.3.1498	AVERS	1	0.2
1.3.1523	NARWHALS	5	0.6
1.3.1538	RMB	3	1.1
1.3.1540	IOU.ETH	7	1.6
1.3.1552	GMBIT	1	0.2

Table 597. Fees collected by the blockchain from 2015-11 through 2017-07 for limit order create operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	21,034,066	2,052,347.8
1.3.103	BTC	1,104	0.1
1.3.105	SILVER	358	0.5
1.3.106	GOLD	264	0.0
1.3.110	RUB	5	4.9
1.3.113	CNY	26,413	34,486.2
1.3.118	GBP	6	0.1
1.3.120	EUR	250	1,053.9
1.3.121	USD	7,605	74.2
1.3.130	HLP	2	0.0
1.3.138	FUND	13	99,726,053.5
1.3.349	TRADE.LTC	5	5.7
1.3.350	TRADE.BTC	286	0.1
1.3.362	DOGECOIN	1	97.2
1.3.397	ALTFUND	248	2,194.8
1.3.418	NEWBIE	14	2.8
1.3.422	AWCOIN	207	7,352.7
1.3.423	SYCOIN	4	70.0
1.3.438	UIATEST	1	14.7
1.3.439	UIATESTA	2	0.0
1.3.472	METAFEEES	264	1.7
1.3.541	AIWCNY	243	1,853.1
1.3.552	TIPSHARES	209	2,270.5
1.3.554	ELECTROTAXI	24	24,970.8
1.3.555	HRYVNA	11	24,999.2
1.3.556	BOND.CNY	5	47.0
1.3.557	QWERTY	44	267.8
1.3.562	OBITS	2,675	896.2

Asset ID	Symbol	# Operations	Fee Total
1.3.569	OPENBTC	731	0.1
1.3.577	OPENLTC	31	0.4
1.3.578	OPENDOGE	67	21,671.5
1.3.579	OPENDASH	60	1.0
1.3.580	OPENPPC	1	0.1
1.3.585	QBITS	956	50,021.4
1.3.588	TRADE.DASH	1	0.0
1.3.590	OPENMUSE	579	57,197.9
1.3.592	METAEX.BTC	164	0.0
1.3.593	METAEX.ETH	3	0.0
1.3.594	METAEX.NXT	16	80.0
1.3.599	TRADE.MUSE	154	10,994.2
1.3.604	SHARE	2	20.0
1.3.606	IOU	1,008	500,000.0
1.3.607	PERKS	37	421.9
1.3.608	PENCIL	1	100.0
1.3.609	IOU.CNY	989	6,141.8
1.3.611	GNOTES	6	150.0
1.3.612	GBANK	35	3,525.0
1.3.614	GSTAMP	186	14,174.0
1.3.616	GREENPOINT	21	0.2
1.3.619	USDTR	8	2,496.9
1.3.620	SECOND	1	10.0
1.3.625	BREAKOUT.BTC	1	10.0
1.3.626	SANDWICH	29	20,023.7
1.3.627	REPUBLIC	1	255.0
1.3.628	BRICS	246	229,496.4
1.3.629	IOU.ABC	237	2,601.6
1.3.630	IOU.BTSABC	1	0.1
1.3.637	PLATINUM	2	20,000.0
1.3.638	LITECOIN	9	5,964.7
1.3.639	BTSFCX	3	300.0
1.3.642	IOU.PLS	3	2,426.4
1.3.656	PETROCHINA	1	10.0
1.3.658	FISTBUMP	103	1,030.0
1.3.659	OPENSESAME	2	98.0
1.3.660	HIGHFIVE	231	2,309.0
1.3.662	OPENNBT	1	0.0
1.3.666	GREATIDEA	218	2,180.0
1.3.669	PROFIT	2	576.0
1.3.670	MEGUSTA	5	238.9
1.3.671	BEYONDBITCOIN	4	40.0
1.3.672	BROFIST	3	10,200.0
1.3.673	THANKYOU	230	2,300.0
1.3.676	TRUST	1	10.0
1.3.678	KUDOS	240	2,400.0



Asset ID	Symbol	# Operations	Fee Total
1.3.679	BLOCK	1	299.0
1.3.680	PERCENT	205	2,050.0
1.3.686	THUMBSUP	1	2,500,000,010.0
1.3.687	THUMBSDOWN	1	2,500.0
1.3.688	SMILE	237	2,370.0
1.3.696	TOKEN	1	300.0
1.3.708	TWEET	243	2,435.8
1.3.715	CREDO	3	2,464.0
1.3.720	BARRAS	31	13.0
1.3.721	DOLLARS	1	2,500.0
1.3.722	EUROS	1	2,500.0
1.3.723	POUNDS	1	2,500.0
1.3.724	YUAN	8	130,000.0
1.3.725	YUANS	1	2,500.0
1.3.726	XBITCOIN	1	2,500.0
1.3.730	PETROBRAS	1	10.0
1.3.732	ORBIT	2	2,499.0
1.3.734	TCNY	59	110.6
1.3.742	CRAPCOIN	216	2,160.0
1.3.744	SPERM	2	20.0
1.3.745	BLOCKCHAINFUND	7	58.2
1.3.746	ANTSHARE	31	111.4
1.3.747	BOSEG	3	30.0
1.3.750	CONNECT	3	0.0
1.3.751	IOU.ANS	246	24.6
1.3.753	OSCAR	1	0.0
1.3.754	SWIFT	1	2,499.9
1.3.757	OPEN.USD	42	15.2
1.3.758	GAMEBET	2	2,314.5
1.3.766	OPEN.EUR	198	10.0
1.3.767	OPEN.CNY	3	30.8
1.3.770	FALLOUT	2	110.0
1.3.771	BOTTLECAPS	3	2,500.0
1.3.773	CALORIE	1	4,845.7
1.3.776	OPENPOS	59	88.8
1.3.781	ABTSLA	250	250.0
1.3.787	BASKET	1	2,499.9
1.3.790	TRADE.DOGE	17	83.2
1.3.794	PAYBACK	1	2,500,000,020,000.0
1.3.795	IOU.LBA	236	2,360.0
1.3.796	REPGENSIXTEEN	2	20.0
1.3.800	COPPERTICKET	1	397.3
1.3.801	BTCPREDICT	2	20.0
1.3.802	PEWPS	19	9,052.5
1.3.804	SPORTS.SBLAFC	246	2,460.0

Asset ID	Symbol	# Operations	Fee Total
1.3.806	GRAND	9	2.5
1.3.808	BGIBTS	1,286	708.6
1.3.809	MILLION	2	0.0
1.3.814	OPEN.EMC	30	16.6
1.3.816	TRYBITSHARES	3	30.0
1.3.820	SPORTS.NFLAFC	145	1,450.0
1.3.821	SPORTS.NFLNFC	4	40.0
1.3.822	COMPUCEEDS	6,241	1,285.0
1.3.823	CONNECT.BTC	6	0.0
1.3.825	IOU.LUCKY	223	2,162.9
1.3.826	OPENBKS	22	1.2
1.3.827	SOLCERT	6	164.0
1.3.828	OPEN.BKS	8	1.2
1.3.829	SUGAR	65	2,498.1
1.3.830	REPONOMTRUMP	2	0.3
1.3.831	DEMNONMCLINTON	1	6,221.7
1.3.832	BTCCOIN	90	2,500.1
1.3.833	WTICRUDE	8	200.0
1.3.834	SPFIVE	6	125.4
1.3.835	SWALLOW	3	25.0
1.3.839	SHAREBIT	38	32.2
1.3.842	EDEV	7	14,442.6
1.3.843	FEDEV	4	49.2
1.3.847	ENDWAR	2	2.0
1.3.848	CONNECT.USD	2	2,500.0
1.3.849	BTSR	459	5,123.4
1.3.850	OPEN.ETH	2,487	1.4
1.3.851	IOU.RMB	60	69.0
1.3.852	IOU.BO	250	2,500.0
1.3.853	IOU.BOO	251	2,500.1
1.3.854	OPEN.MUSE	365	11,462.8
1.3.855	OPEN.NBT	7	6.5
1.3.856	OPEN.NSR	6	4,999.6
1.3.857	OPEN.PPC	18	27.9
1.3.858	OPEN.DASH	248	1.0
1.3.859	OPEN.LTC	374	2.4
1.3.860	OPEN.DOGE	109	92,822.1
1.3.861	OPEN.BTC	17,007	0.8
1.3.865	ZARBTS	1	13.9
1.3.868	BOTFUND.USD	1	1.0
1.3.870	IOU.MUSE	236	23.6
1.3.872	KOKADUKATS	3	6.2
1.3.873	MAIDSAFECOIN	1	2,500.0
1.3.874	MAIDSAFE	1	2,500.0
1.3.875	PEERCOIN	1	2,500.0
1.3.876	EMERCOIN	1	2,500.0



Asset ID	Symbol	# Operations	Fee Total
1.3.877	FACTOM	1	2,500.0
1.3.878	NUSHARES	1	2,500.0
1.3.879	DECRED	1	2,500.0
1.3.880	STARTCOIN	1	2,500.0
1.3.881	GETGEMS	1	2,500.0
1.3.882	COUNTERPARTY	1	2,500.0
1.3.883	NAMECOIN	1	2,500.0
1.3.884	STORJ	1	2,500.0
1.3.885	SYS COIN	1	2,500.0
1.3.886	RADIUM	1	2,500.0
1.3.888	BANX	69	6,499.8
1.3.890	ETHER	1	2,500.0
1.3.891	YBCOIN	1	2,500.0
1.3.892	XBTC	1	130,000.0
1.3.893	VPN COIN	1	2,500.0
1.3.895	VOXEL	1	2,500.0
1.3.896	NXT COIN	1	2,500.0
1.3.897	BTC PLUS	719	0.6
1.3.898	AUKSINAS	5	938.1
1.3.904	STAMP	1	2,500.0
1.3.905	COIN	1	130,000.0
1.3.906	CHINA	1	2,500.0
1.3.907	WECHAT	1	0.0
1.3.908	WECHAT.PHUKET	4	2,500.0
1.3.909	METAL	1	2,500.0
1.3.910	AGORAS	1	2,500.0
1.3.911	MINUTES	2	2,500.0
1.3.913	TIME KOIN	2	998.0
1.3.914	PEOPLE	34	251.3
1.3.921	CASH.USD	1	0.0
1.3.924	PEERPLAYS	580	0.8
1.3.926	DASH	1	1,300.0
1.3.933	MKR	657	255.7
1.3.936	COINDAYS	2	5,846,756,730.0
1.3.937	COINSECONDS	1	584,676,701,000.0
1.3.938	REPUTATION	10	5.1
1.3.940	REVO	1	233,864.4
1.3.943	CADASTRAL	414	53.1
1.3.946	KITTY	18	264.2
1.3.948	PATRICK	1	1.8
1.3.949	TOLLFREEMINUTES	6	0.9
1.3.950	CAYMAN	464	17.1
1.3.951	IOU.AAA	3	3,669.1
1.3.952	ALTCAP	2	0.1
1.3.953	OWN COIN TRAY	1	0.0

Asset ID	Symbol	# Operations	Fee Total
1.3.956	BTS PLUS	11	36.6
1.3.957	YX COIN	1	865,875.3
1.3.958	BTWTY	56	0.0
1.3.960	IOU.BBB	1	3,669.2
1.3.961	IOU.CCC	1	3,669.2
1.3.962	IOU.DDD	1	3,669.3
1.3.963	IOU.EEE	1	3,669.2
1.3.964	IOU.FFF	1	3,669.3
1.3.966	MILLION TDD	13	5,668.3
1.3.967	ABJMARRYME	7	7.0
1.3.969	GCSWI	2	431.9
1.3.970	FUNC	95	9,963.6
1.3.971	SONY	1	0.1
1.3.972	TOYOTA	4	3,668,771.7
1.3.973	OPEN.STEEM	653	344.8
1.3.975	LISKICO	7	50.9
1.3.976	CASH.BTC	2	0.0
1.3.977	OPEN.LISK	120	15.5
1.3.978	LEDGER	1	3,669.2
1.3.979	OPEN.DGD	921	22.2
1.3.980	FIM KRYPTO	137	4,553.1
1.3.983	WORTHLESS	1,879	206,677.3
1.3.984	WORTHMORE	94	0.0
1.3.985	ALTCAP.X	3	0.0
1.3.986	TRUMP	51	0.3
1.3.987	CLINTON	42	352,224.9
1.3.988	SANDERS	73	22,014.7
1.3.989	WASHINGTON	27	146,760.3
1.3.990	FRANKLIN	492	440,280.0
1.3.991	FREEDOM	304	587,040.0
1.3.992	UNITED STATES	7	0.0
1.3.993	EUROPE	25	0.0
1.3.994	JINBI	6	1,801.7
1.3.998	WET STOCK	131	4.4
1.3.999	DRY STOCK	109	4.9
1.3.1005	OPEN.DAO	103	15.0
1.3.1006	ICOO	947	1,322.5
1.3.1007	NINJASOUL	7	3,670.0
1.3.1010	SPIES	144	21.7
1.3.1013	RETAIL SET	82	4.3
1.3.1017	ARS	3	0.0
1.3.1018	TRANS.DAO	13	90.9
1.3.1019	SASOL	3	0.4
1.3.1020	OPEN.MKR	12	1.8
1.3.1022	LISK	20	2,840.6
1.3.1041	OPEN.OMNI	1	0.0



Asset ID	Symbol	# Operations	Fee Total
1.3.1042	OPEN.USDT	251	36.2
1.3.1043	OPEN.AGRS	1	0.0
1.3.1044	OPEN.MAID	57	3.2
1.3.1045	OPEN.EURT	1	0.0
1.3.1046	OPEN.AMP	6	0.7
1.3.1047	GRIDCOIN	1	0.1
1.3.1048	BIBAO	8	0.2
1.3.1053	YINCOIN	1	3,666.6
1.3.1054	JINCOIN	1	3,669.0
1.3.1056	FIMK	215	1,026,955.1
1.3.1057	DIGIXDAO	1	3,669.0
1.3.1058	THEDAO	1	3,669.0
1.3.1059	EXPANSE	1	3,669.0
1.3.1060	WAVES	1	3,669.0
1.3.1061	ARTHURCOIN	2	5,044.0
1.3.1064	OPEN.HEAT	289	320.1
1.3.1065	CRYPTOCEEDS	554	7.4
1.3.1066	SSTEEM	3	3,668.6
1.3.1068	OCEANIA	24	36.7
1.3.1069	OPEN.ARD	10	1.3
1.3.1070	OPEN.SBD	179	83.3
1.3.1071	HONGLI	1	146.0
1.3.1072	BLOCKPAY	285	57.2
1.3.1074	BBPINGJI	1	0.0
1.3.1077	ETHWAR	5	3,667.5
1.3.1079	OPEN.DEOS	11	1.6
1.3.1080	FAISAL	10	3,662.1
1.3.1081	ETCOIN	19	41.4
1.3.1085	JIJIN	1	3,669.2
1.3.1092	REALITY	26	406.6
1.3.1093	YOYOW	57	24.3
1.3.1094	HOTHEART	2	5,569.5
1.3.1097	BTSBUG	1	3,669.0
1.3.1098	JESUS	2	135.8
1.3.1100	RISKER	294	20.5
1.3.1102	HONEYCOIN	1	1,000.5
1.3.1108	PAYMASTER	2	3,669.0
1.3.1109	YYBTS	14	3,356,691.9
1.3.1110	PINGAN	1	3,669.0
1.3.1111	JIANKANG	1	3,669.0
1.3.1112	ENTER	1	3,669.0
1.3.1113	HELLO	1	3,669.0
1.3.1114	WENHUA	1	3,669.0
1.3.1115	BAOXIAN	1	3,669.0
1.3.1116	BAIDU	1	3,669.0
1.3.1117	TMALL	1	3,669.0

Asset ID	Symbol	# Operations	Fee Total
1.3.1118	HOTEL	1	3,669.0
1.3.1126	CNRMB	1	3,669.0
1.3.1127	VIDEO	1	3,669.0
1.3.1128	SOUND	1	3,669.0
1.3.1129	PHONE	1	3,669.0
1.3.1130	VIRUS	1	3,669.0
1.3.1131	MODEL	1	3,669.0
1.3.1132	PHOTO	1	3,669.0
1.3.1133	MOUSE	1	3,669.0
1.3.1139	NIHAO	21	4,026.4
1.3.1140	ZCASH	110	1.2
1.3.1141	SURPRISE	1	3,669.0
1.3.1146	JAPAN	1	3,669.0
1.3.1152	OPEN.GRC	347	3,906.9
1.3.1159	GAMES	1	3,668.0
1.3.1160	OPEN.GAME	222	9.7
1.3.1161	OPEN.INCNT	474	930.7
1.3.1162	STARS	2	0.0
1.3.1164	ELOAD	4	0.4
1.3.1165	IOU.XFQ	1	3,669.3
1.3.1168	CRYPTOINDEX	14	2,334.8
1.3.1169	TRANS.ANS	4	55.0
1.3.1178	BKT	1	587,054.0
1.3.1181	KAPITAL	1,923	147.3
1.3.1183	GAME	1	146,763.0
1.3.1184	OPEN.NXC	60	7.5
1.3.1188	HEMPSWEET	9	2.2
1.3.1189	ASSET	1	3,669.0
1.3.1191	FRONTIER.USD	3	44.0
1.3.1193	HARUKI	4	7,338.6
1.3.1196	OPEN.DCT	20	2.3
1.3.1199	TASKMANAGER	50	36.7
1.3.1200	TREISM	4	55.0
1.3.1202	IOU.BAO	1	3,669.7
1.3.1203	IOU.QIANG	1	3,669.7
1.3.1204	TBBSAR	1	3,678.0
1.3.1205	OBITS.WARRANT	43	416.5
1.3.1209	OPEN.WAVES	114	10.2
1.3.1210	OKCASHBAG	3	3.7
1.3.1211	VIRGROW	1,049	3.2
1.3.1214	TRAIL	10	366.9
1.3.1215	VIBERZ	12	3,669.2
1.3.1216	PASSWORD	1	3,669.0
1.3.1224	STEEMP	2	109.9
1.3.1225	NEWBTC	1	14.7
1.3.1226	MERRYCHRISTMAS	14	366.1



Asset ID	Symbol	# Operations	Fee Total
1.3.1228	FLASH	7	0.1
1.3.1229	SAVETHEPLANE T	6	348.0
1.3.1231	INVEST.MUSIC	4	0.6
1.3.1232	INVEST.GAME	7	1.0
1.3.1234	BLOCKCHAIN.IN DEX	7	0.1
1.3.1238	VENOCOIN	1	0.0
1.3.1239	VENODOLAR	1	14.4
1.3.1241	LIVENET	1	3,669.1
1.3.1247	WANGCHANGE	363	41.7
1.3.1248	THIRSTY	2	0.7
1.3.1249	SEXAV	1	3,669.0
1.3.1250	SEXTV	1	3,669.0
1.3.1251	MAGIC	1	3,669.0
1.3.1252	BIBLE	1	3,669.0
1.3.1253	DEMON	1	3,669.0
1.3.1254	HORSE	1	3,669.0
1.3.1255	BREAD	1	3,669.0
1.3.1256	JEWEL	1	3,669.0
1.3.1257	HONEY	1	3,669.0
1.3.1258	SEX	1	587,053.0
1.3.1259	GOLOS	19	535.4
1.3.1262	ALTCAP.XDR	7	330.4
1.3.1263	TETHERUSD	2	11.0
1.3.1265	LEOUSD	2	0.0
1.3.1266	LEOGBP	1	0.0
1.3.1267	GALLEON	32	3.7
1.3.1272	ETFBTC	10	1,824.7
1.3.1274	PPBITS	2	72.0
1.3.1275	HYBRID	1	14.7
1.3.1276	WHALESHARE	75	75.0
1.3.1277	LEARNCOIN	2	9,934.0
1.3.1279	RADIX	1	3,669.0
1.3.1281	APPX.WARRANT	2	10.1
1.3.1282	JIYEBI	6	399.0
1.3.1285	KEEPC	4	0.6
1.3.1286	KEEPCOIN	8	1.2
1.3.1289	DINAR	1	0.1
1.3.1290	BBBAA	1	33.0
1.3.1295	USDT	1	146.8
1.3.1296	MAID	1	146.8
1.3.1297	DEXCOIN	1	3,669.0
1.3.1299	TESTCOIN	107	18.0
1.3.1300	WANGCENTS	3	45.0
1.3.1301	ETH	1	587.1
1.3.1302	STEEMFACTORY	13	789.5
1.3.1316	STEEMBOOST	1	36.6

Asset ID	Symbol	# Operations	Fee Total
1.3.1317	ZCOIN	2	43.7
1.3.1318	LILWANGS	2	3,636.3
1.3.1325	RUBLE	794	3,854.1
1.3.1327	LEOBUZZ	13	3,102.8
1.3.1329	NECTAR	109	3,667.3
1.3.1331	IOU.BCS	43	4,628.2
1.3.1343	NOFEE	2	0.0
1.3.1345	TRUMPSUCKS	1	0.2
1.3.1347	EVETAB	50	17.6
1.3.1349	ADXSU	3	0.2
1.3.1352	QORA	112	69,101.5
1.3.1353	OPEN.EXCL	147	440.8
1.3.1355	VIVACOIN	5	36.6
1.3.1357	OPEN.NUSHARE S	22	2,658.8
1.3.1358	RCOIN	1	96.9
1.3.1359	TATCHCOIN	9	18.3
1.3.1361	MYCOIN	15	3,665.2
1.3.1362	HERO	41	0.0
1.3.1363	SBUZZ	5	1,800.3
1.3.1368	TOKENOFTOKENS	12	0.4
1.3.1374	ZAPPL	3	18.1
1.3.1375	MEGATILT	18	1,810.1
1.3.1385	CRECE	2	0.1
1.3.1386	ADXDU	2	1,810.0
1.3.1388	OPEN.ETP	41	70.4
1.3.1389	ZENGOLD	498	1,806.3
1.3.1392	NESLV	3	0.2
1.3.1399	ASKCOIN	12	303.1
1.3.1404	NIMSES	1	30,341.0
1.3.1405	KARMAKCOIN	15	0.4
1.3.1406	OPEN.ZGC	26	288.2
1.3.1407	STEAK	1	300.0
1.3.1410	QTUM	1	40.0
1.3.1411	OPEN.GOLOS	48	225.5
1.3.1412	OPEN.GBG	6	353.7
1.3.1413	OCT	1,141	49,065.4
1.3.1415	KPL	80	2.9
1.3.1420	ADXCUCU	1	303.0
1.3.1423	ALPHA	6	352.8
1.3.1424	ACHAIN	1	0.0
1.3.1431	CHC	77	97,117.4
1.3.1432	DOLLHAIRS	1	303.4
1.3.1439	PPY	3	0.0
1.3.1440	IOU.LOT	1	303.5
1.3.1451	MVS.ZENDAO	42	702.3
1.3.1452	DNXTO	12	319.5



Asset ID	Symbol	# Operations	Fee Total
1.3.1454	BEYONDBIT	20	20.0
1.3.1458	OPEN.PPY	9	0.0
1.3.1460	RUNCOIN	4	75.9
1.3.1464	LZKJF	90	2,854.8
1.3.1465	LZKGF	6	5,101.5
1.3.1466	FRIEND	1	0.0
1.3.1467	BTBOXS	1	0.0
1.3.1472	BIKERCOIN	29	319.5
1.3.1473	CVCOIN	411	117.3
1.3.1474	CHAIN	2	0.0
1.3.1475	PEERCROWDFUND	3	0.3
1.3.1479	COLOR	6	303.1
1.3.1486	HAIRSHARE	1	303.5
1.3.1498	AVERS	109	303.3
1.3.1523	NARWHALS	21	151.2
1.3.1533	EBULLION	1	0.0
1.3.1537	GCSTT	14	0.0
1.3.1538	RMB	45	48,559.3
1.3.1540	IOU.ETH	1	301.9
1.3.1541	IOU.CYB	1	303.5
1.3.1542	IOU.EOS	1	303.5
1.3.1543	BUILDTEAM	10	12.1
1.3.1545	CNYCOIN	1	0.0
1.3.1550	CRYPTOCADEMY	2	303.5
1.3.1552	GMBIT	1	108.9

Table 598. Fees collected by the blockchain from 2015-11 through 2017-07 for limit order cancel operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	18,527,941	98,536.7
1.3.103	BTC	133	0.0
1.3.105	SILVER	61	0.0
1.3.106	GOLD	56	0.0
1.3.110	RUB	1	0.0
1.3.113	CNY	4,534	9.7
1.3.118	GBP	3	0.0
1.3.120	EUR	37	0.0
1.3.121	USD	1,329	0.5
1.3.349	TRADE.LTC	2	0.0
1.3.350	TRADE.BTC	21	0.0
1.3.418	NEWBIE	1	0.1
1.3.555	HRVNA	2	0.3
1.3.562	OBITS	876	0.4
1.3.569	OPENBTC	92	0.0
1.3.585	QBITS	128	443.7
1.3.590	OPENMUSE	29	2.1

Asset ID	Symbol	# Operations	Fee Total
1.3.592	METAEX.BTC	23	0.0
1.3.593	METAEX.ETH	1	0.0
1.3.599	TRADE.MUSE	15	1.1
1.3.607	PERKS	16	0.0
1.3.609	IOU.CNY	154	0.4
1.3.614	GSTAMP	4	0.1
1.3.628	BRICS	5	3.0
1.3.629	IOU.ABC	26	5.3
1.3.640	MONEYCLUB	2	0.0
1.3.658	FISTBUMP	3	0.0
1.3.659	OPENSESAME	1	0.0
1.3.670	MEGUSTA	7	0.0
1.3.678	KUDOS	9	3.6
1.3.679	BLOCK	2	0.0
1.3.734	TCNY	3	0.0
1.3.745	BLOCKCHAINFUND	1	0.0
1.3.746	ANTSHARE	45	0.0
1.3.757	OPEN.USD	21	0.2
1.3.758	GAMEBET	13	0.2
1.3.766	OPEN.EUR	4	0.0
1.3.776	OPENPOS	2	0.0
1.3.790	TRADE.DOG	1	0.0
1.3.800	COPPERTICKET	14	0.2
1.3.802	PEWPS	1	1.5
1.3.806	GRAND	3	0.0
1.3.808	BGIBTS	2	0.0
1.3.814	OPEN.EMC	2	0.0
1.3.822	COMPUCEEDS	442	0.0
1.3.825	IOU.LUCKY	4	0.1
1.3.826	OPENBKS	4	0.0
1.3.827	SOLCERT	21	21.0
1.3.839	SHAREBIT	5	0.0
1.3.842	EDEV	3	0.0
1.3.849	BTSR	50	0.0
1.3.850	OPEN.ETH	505	0.0
1.3.854	OPEN.MUSE	51	3.6
1.3.855	OPEN.NBT	10	0.0
1.3.856	OPEN.NSR	1	0.0
1.3.857	OPEN.PPC	6	0.0
1.3.858	OPEN.DASH	236	0.0
1.3.859	OPEN.LTC	119	0.0
1.3.860	OPEN.DOG	26	9.1
1.3.861	OPEN.BTC	2,605	0.0
1.3.888	BANX	4	0.0
1.3.897	BTCPLUS	2	0.0
1.3.898	AUKSINAS	1	0.0



Asset ID	Symbol	# Operations	Fee Total
1.3.899	ENTREPRENEUR	2	0.0
1.3.907	WECHAT	4	0.0
1.3.921	CASH.USD	2	0.0
1.3.924	PEERPLAYS	166	0.0
1.3.933	MKR	30	0.0
1.3.938	REPUTATION	5	0.0
1.3.943	CADASTRAL	49	0.0
1.3.956	BTSPLUS	2	0.0
1.3.958	BTWTY	52	0.0
1.3.969	GCSWI	2	4.8
1.3.970	FUNC	41	0.0
1.3.973	OPEN.STEEM	85	0.1
1.3.976	CASH.BTC	1	0.0
1.3.977	OPEN.LISK	94	0.8
1.3.979	OPEN.DGD	61	0.0
1.3.980	FIMKRYPTO	6	0.9
1.3.985	ALTCAP.X	1	0.0
1.3.986	TRUMP	1	0.0
1.3.987	CLINTON	3	242.0
1.3.988	SANDERS	2	0.0
1.3.990	FRANKLIN	5	0.0
1.3.992	UNITEDSTATES	3	0.0
1.3.998	WETSTOCK	4	0.0
1.3.1005	OPEN.DAO	5	0.1
1.3.1006	ICOO	97	0.0
1.3.1007	NINJASOUL	1	0.0
1.3.1010	SPIES	48	0.0
1.3.1018	TRANS.DAO	3	0.0
1.3.1022	LISK	4	0.0
1.3.1041	OPEN.OMNI	1	0.0
1.3.1042	OPEN.USDT	41	0.0
1.3.1044	OPEN.MAID	11	0.0
1.3.1046	OPEN.AMP	1	0.0
1.3.1056	FIMK	6	0.6
1.3.1064	OPEN.HEAT	22	2.4
1.3.1065	CRYPTOCEEDS	2	0.0
1.3.1068	OCEANIA	1	0.0
1.3.1069	OPEN.ARD	1	0.0
1.3.1070	OPEN.SBD	21	0.0
1.3.1072	BLOCKPAY	38	0.0
1.3.1081	ETCOIN	2	0.0
1.3.1085	JJIN	4	0.0
1.3.1092	REALITY	8	0.0
1.3.1093	YOYOW	9	0.8
1.3.1098	JESUS	3	0.0
1.3.1100	RISKER	15	0.0

Asset ID	Symbol	# Operations	Fee Total
1.3.1109	YYBTS	1	14.7
1.3.1139	NIHAO	12	0.1
1.3.1140	ZCASH	16	0.0
1.3.1152	OPEN.GRC	30	0.2
1.3.1160	OPEN.GAME	5	0.0
1.3.1161	OPEN.INCNT	68	0.2
1.3.1168	CRYPTOINDEX	1	0.1
1.3.1181	KAPITAL	248	0.1
1.3.1184	OPEN.NXC	44	0.4
1.3.1191	FRONTIER.USD	1	1.5
1.3.1196	OPEN.DCT	6	0.1
1.3.1199	TASKMANAGER	15	0.0
1.3.1205	OBITS.WARRANT	5	0.0
1.3.1209	OPEN.WAVES	4	0.0
1.3.1214	TRAIL	5	0.0
1.3.1224	STEEMP	5	0.0
1.3.1226	MERRYCHRISTMAS	3	0.0
1.3.1229	SAVETHEPLANET	29	0.2
1.3.1231	INVEST.MUSIC	3	0.0
1.3.1234	BLOCKCHAIN.INDEX	1	0.0
1.3.1259	GOLOS	7	0.0
1.3.1262	ALTCAP.XDR	2	0.0
1.3.1263	TETHERUSD	1	0.0
1.3.1267	GALLEON	2	0.0
1.3.1272	ETFBTC	27	0.0
1.3.1276	WHALESHARE	31	31.0
1.3.1281	APPX.WARRANT	1	0.0
1.3.1286	KEEPCOIN	1	0.0
1.3.1288	USD TETHER DEFAULT	1	0.0
1.3.1290	BBBAA	1	4.0
1.3.1292	DEXTBTC	4	0.0
1.3.1302	STEEMFACTORY	2	8.5
1.3.1317	ZCOIN	17	0.0
1.3.1318	LILWANGS	12	0.1
1.3.1325	RUBLE	357	8.7
1.3.1327	LEOBUZZ	3	0.0
1.3.1329	NECTAR	1	0.0
1.3.1331	IOU.BCS	2	0.1
1.3.1347	EVETAB	1	0.1
1.3.1352	QORA	328	0.3
1.3.1353	OPEN.EXCL	3	0.0
1.3.1359	TATCHCOIN	1	0.0
1.3.1361	MYCOIN	6	0.0
1.3.1362	HERO	37	0.0
1.3.1363	SBUZZ	1	0.0



Asset ID	Symbol	# Operations	Fee Total
1.3.1368	TOKENOFTOKENS	1	0.0
1.3.1374	ZAPPL	2	0.0
1.3.1375	MEGATILT	4	0.0
1.3.1388	OPEN.ETP	22	0.0
1.3.1389	ZENGOLD	25	0.1
1.3.1405	KARMAKoin	4	0.0
1.3.1406	OPEN.ZGC	30	0.0
1.3.1411	OPEN.GOLOS	4	0.0
1.3.1412	OPEN.GBG	1	0.0
1.3.1413	OCT	113	0.3
1.3.1415	KPL	1	0.0
1.3.1420	ADXCU	1	0.0
1.3.1423	ALPHA	2	0.0
1.3.1431	CHC	5	0.0
1.3.1445	BLESS	1	0.0
1.3.1454	BEYONDBIT	2	2.0
1.3.1464	LZKJF	5	1.8
1.3.1473	CVCOIN	56	0.0
1.3.1523	NARWHALS	2	0.0
1.3.1538	RMB	6	0.0
1.3.1543	BUILDTEAM	2	0.2

Table 599. Fees collected by the blockchain from 2015-11 through 2017-07 for call order update operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	47,809	75,532.9
1.3.1077	ETHWAR	1	0.1

Table 600. Fees collected by the blockchain from 2015-11 through 2017-07 for account create operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	286,391	8,865,674.0

Table 601. Fees collected by the blockchain from 2015-11 through 2017-07 for account update operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	10,416	22,104.9
1.3.113	CNY	24	0.6
1.3.121	USD	10	0.0
1.3.350	TRADE.BTC	1	0.0
1.3.562	OBITS	5	0.0
1.3.569	OPENBTC	1	0.0
1.3.585	QBITS	312	22,877.0
1.3.590	OPENMUSE	1	1.5
1.3.609	IOU.CNY	2	0.2
1.3.659	OPENSESAME	1	0.5
1.3.745	BLOCKCHAINFUND	1	0.3

Asset ID	Symbol	# Operations	Fee Total
1.3.822	COMPUCEEDS	253	0.1
1.3.826	OPENBKS	2	0.0
1.3.827	SOLCERT	4	4.0
1.3.850	OPEN.ETH	4	0.0
1.3.859	OPEN.LTC	1	0.0
1.3.860	OPEN.DOGE	2	19.8
1.3.861	OPEN.BTC	31	0.0
1.3.897	BTCPLUS	1	0.0
1.3.907	WECHAT	1	0.3
1.3.924	PEERPLAYS	3	0.0
1.3.933	MKR	6	0.0
1.3.973	OPEN.STEEM	1	0.0
1.3.1064	OPEN.HEAT	1	2.1
1.3.1072	BLOCKPAY	3	0.0
1.3.1139	NIHAO	1	0.2
1.3.1184	OPEN.NXC	1	0.0
1.3.1236	MONEDAPAR	5	0.3
1.3.1276	WHALESHARE	2	2.0
1.3.1290	BBBAA	1	3.0
1.3.1473	CVCOIN	1	0.0

Table 602. Fees collected by the blockchain from 2015-11 through 2017-07 for account whitelisting operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	924	11,253.1

Table 603. Fees collected by the blockchain from 2015-11 through 2017-07 for account upgrade operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	1,088	13,437,401.2
1.3.113	CNY	3	6,110.5
1.3.850	OPEN.ETH	1	1.0
1.3.859	OPEN.LTC	1	7.3
1.3.861	OPEN.BTC	4	0.7

Table 604. Fees collected by the blockchain from 2015-11 through 2017-07 for asset create operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	1,009	26,226,971.3

Table 605. Fees collected by the blockchain from 2015-11 through 2017-07 for asset update operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	1,504	262,579.1



Table 606. Fees collected by the blockchain from 2015-11 through 2017-07 for asset update BitAsset operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	37	26,926.3

Table 607. Fees collected by the blockchain from 2015-11 through 2017-07 for asset update feed producers operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	16	12,007.3

Table 608. Fees collected by the blockchain from 2015-11 through 2017-07 for asset issue operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	5,413	34,901.0

Table 609. Fees collected by the blockchain from 2015-11 through 2017-07 for asset reserve operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	488	4,584.8

Table 610. Fees collected by the blockchain from 2015-11 through 2017-07 for asset fund fee pool operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	343	10,482.3

Table 611. Fees collected by the blockchain from 2015-11 through 2017-07 for asset settle operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	1,638	33,856.0

Table 612. Fees collected by the blockchain from 2015-11 through 2017-07 for asset global settle operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	5	4,467.6
1.3.796	REPGENSIXTEEN	1	1,000.0

Table 613. Fees collected by the blockchain from 2015-11 through 2017-07 for asset publish feed operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	7,844,887	286,153.6

Table 614. Fees collected by the blockchain from 2015-11 through 2017-07 for witness create operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	71	421,246.3

Table 615. Fees collected by the blockchain from 2015-11 through 2017-07 for witness update operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	1,229	16,488.8

Table 616. Fees collected by the blockchain from 2015-11 through 2017-07 for proposal create operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	3,864	57,769.7
1.3.120	EUR	1	0.1
1.3.1010	SPIES	1	0.2

Table 617. Fees collected by the blockchain from 2015-11 through 2017-07 for proposal update operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	6,466	3,567.3

Table 618. Fees collected by the blockchain from 2015-11 through 2017-07 for proposal delete operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	7	6.0

Table 619. Fees collected by the blockchain from 2015-11 through 2017-07 for withdraw permission create operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	1	22.0

Table 620. Fees collected by the blockchain from 2015-11 through 2017-07 for committee member create operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	23	3,762.8

Table 621. Fees collected by the blockchain from 2015-11 through 2017-07 for vesting balance withdrawal operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	2,164	366,721.8

Table 622. Fees collected by the blockchain from 2015-11 through 2017-07 for worker create operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	47	159,718.7

Table 623. Fees collected by the blockchain from 2015-11 through 2017-07 for custom operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	169	490.9
1.3.1236	MONEDAPAR	7	6.3

Table 624. Fees collected by the blockchain from 2015-11 through 2017-07 for assert operation

Asset ID	Symbol	# Operations	Fee Total
1.3.113	CNY	4	15.0
1.3.861	OPEN.BTC	8	0.0



Table 625. Fees collected by the blockchain from 2015-11 through 2017-07 for override transfer operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	997	143,961.2

Table 626. Fees collected by the blockchain from 2015-11 through 2017-07 for transfer to blind operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	184	2,620.4

Table 627. Fees collected by the blockchain from 2015-11 through 2017-07 for blind transfer operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	200	3,240.0
1.3.118	GBP	5	0.3
1.3.120	EUR	4	0.2
1.3.121	USD	4	0.3
1.3.1325	RUBLE	2	138.9

Table 628. Fees collected by the blockchain from 2015-11 through 2017-07 for transfer from blind operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	148	986.4
1.3.118	GBP	3	0.3
1.3.120	EUR	3	0.4
1.3.121	USD	3	0.4
1.3.1325	RUBLE	1	70.3

Table 629. Fees collected by the blockchain from 2015-11 through 2017-07 for asset claim fees operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	247	22,766.8
1.3.820	SPORTS.NFLAFC	1	1,050.0
1.3.821	SPORTS.NFLNFC	1	2,460.0
1.3.830	REPNO MTRUMP	1	2,500.0



Appendix C: Quantity of Transactions and Operations

This appendix reports on the quantity of transactions and operations on the blockchain.

Aggregate Quantities

Month	# Transactions	# Operations
2015-10	110,582	150,619
2015-11	97,277	287,821
2015-12	111,163	338,749
2016-01	114,313	356,389
2016-02	211,238	450,022
2016-03	262,359	557,114
2016-04	173,178	376,232
2016-05	189,049	446,588
2016-06	299,140	620,894
2016-07	245,740	557,291
2016-08	176,273	484,593
2016-09	142,520	359,995
2016-10	156,747	350,289
2016-11	209,878	437,776
2016-12	354,911	771,874
2017-01	490,525	1,066,349
2017-02	515,124	987,573
2017-03	755,646	1,877,364
2017-04	1,013,723	2,874,925
2017-05	2,422,477	9,039,556
2017-06	2,597,644	9,317,568
2017-07	3,279,695	16,686,728

