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 from the blockchain's inception through April 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. 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

The BitShares network collected fees in 399 assets from October 2017 through April 2017. The total fees collected in the core asset, BTS, were 50,074,342 BTS. The monthly fees paid in BTS are plotted in Fig. 1.

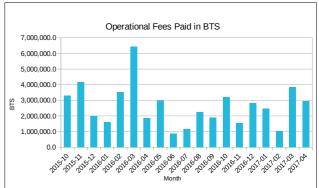


Figure 1: Fees paid for operations with BTS on a monthly basis since the blockchain inception. This plot does not include fees paid with any other asset.

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.

Table 1. The distribution of collected BTS fees across the leading types of operations from 2015-10 through 2017-04 (rounded to the nearest integer)

Operation	Total (BTS)
Asset Create	49%
Account Upgrades	25%
Account Create	17%
Limit Order Create	3%
Transfer Operation	2%
Asset Publish Feed	1%
Vesting Balance Withdrawal	1%

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

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



Figure 2: Quantity of transactions and operations on a monthly basis since the blockchain inception.

The various values that were observed on the BitShares blockchain from October 2017 through April 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

The author is grateful to xeroc, thone, and jonnybitcoin for various discussions regarding the presentation of data, the quantity of operations, the fees related to market orders, and fee pools. Any possible errors in this document are those of the author alone.

Appendix A: Fees Collected in Percentage Terms

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.

Fees Collected All-Time

Table 2. Fees collected by the blockchain from 2015-10 through 2017-04 for the different operation types. The fees are presented in percentage terms of the total fees collected for an asset.

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Asset ID	Symbol	Quantity	Transfer Operation %	Limit Order Create % Limit Order Cancel %	Update 9	Fill Order %	Account Create %	Account Update %	Account Whitelisting %	Account Upgrade %				date Bit	Asset Optate reed Producers % Asset Issue Operation %	Asset Reserve %	بق ا	Asset Settle %	Asset Global Settle %	Asset Publish Feed	Witness Create %	Witness Update %	Proposal Create %	Proposal Update %	Proposal Delete %	issim %	Withdraw Permission Update % Withdraw Permission Claim %	Withdraw Permission Delete %	Committee Member Create %	E %	Com. Mem. Update Global Parameters %	Vesting Balance Withdraw	% Worker Create %	Custom Operation %	Assert Operation %	Balance Claim %	Override Transfer %	r to B	Blind Transfer % Transfer from Blind %	ttle Cancel 9	Asset Claim Fees %	FBA Distribution %
1.3.0	BTS	50,074,342.	2	3	0	0 0	17	0	0	25	0	49	0	0	0	0	0	0	0	0	1 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	0.1	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
1.3.105	SILVER	0.5	13	87	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			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
1.3.110	RUB	4.9		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
1.3.113	CNY	2,041.3			0	0 0	0	0	0	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
1.3.118 1.3.120	GBP EUR	0.7 12.5		17 45	-	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0) 0) 0	0) 0) 0	0	0 0	(0	0	0	0	0 (-	0 0	0	0	37	46	0	0 0
1.3.121	USD	113.6		51	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	0	0 (0	0 0	0	0	0	0	0	0 0
1.3.130	HLP	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	0	0	0 0
1.3.138	FUND	278,104.5		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 0
1.3.349	TRADE.LTC	6.0		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
1.3.350	TRADE.BTC	0.1	52	48	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0 0	(0 0	0	0	0	0 (0	0 0	0	0	0	0	0	0 0
1.3.362	DOGECOIN	100.0	3	97	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	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	2,094.9		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	28,983.5			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
1.3.423	SYCOIN	430.0			0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0) 0	0	0) 0	0	0	0 0	(0 0	0	0	0	0 (0	0 0	0	0	0	0	0	0 0
1.3.438	UIATESTA	14.7		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
1.3.439	METAFEES	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
1.3.541	AIWCNY	1,905.5		97	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0) 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	23,464.3			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 0
1.3.554	ELECTROTAXI	24,998.8		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
1.3.555	HRYVNA	24,999.5	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
1.3.556	BOND.CNY	7.0	43	57	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	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	672.2		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
1.3.560	DORIAN	42.0		0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	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	1,403.7			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
1.3.569	OPENBTC OPENLTC	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	0	0	0 0
1.3.577 1.3.578	OPENDOGE	0.7 33,807.3			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
1.3.579	OPENDASH	1.5			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
1.3.580	OPENPPC	1.3			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	0	0 0
1.3.585	QBITS	288,044.5		17	0	0 0	0	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
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
1.3.588	TRADE.DASH	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
1.3.590	OPENMUSE	60,505.3	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
1.3.592	METAEX.BTC	0.0				0 0	0	0	0	0	0		0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0 0	(0 0	0	0	0	0 (•	0 0	0	0	0	0	0	0 0
1.3.593	METAEX.ETH	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
1.3.594	METAEX.NXT	100.5				0 0	0	<u> </u>	0	_ <u> </u>			0	0	0	0	0	0	0		0 0) 0	0	0 0	-	1 1	U	0 0	(0 0	0	0	-	0 (-	0 0	0	0	0	0	0	0 0
1.3.595	SHMACK TRADE.MUSE	3.0 17,498.7				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
1.3.604	SHARE	20.0				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 (0	0 0	0	0	0	0	0	0 0
1.3.606	IOU	500,000.0				0 0	0	-	0	<u> </u>		0	0	0	0	0	0	0	0	0	0 0) () 0		1 -	1 1	0	0 0	(0 0	0	0	0	0 (-	0 0	0	0	0	0	0	0 0
1.3.607	PERKS	649.9				0 0	0	<u> </u>	0	<u> </u>	_ ~	-	0	0	0	0	0	0	0	0	0 0		0	0 0	+ -	0	0	0 0	(0 0	0	0	0	0 (-	0 0	0	0	0	0	0	0 0
1.3.608	PENCIL	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
1.3.609	IOU.CNY	45.8	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
1.3.611	GNOTES	210.0	29	71	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0 0	(0 0	0	0	0	0	0	0 0	0	0	0	0	0	0 0

1542 Section 1. 1	Asset ID	Symbol	Quantity	Transfer Operation %	Limit Order Create % Limit Order Cancel %		Account Create %	Account Update %	Account Whitelisting %	Account Upgrade %	Account Transfer % Asset Create %	Asset Update %	Asset Update BitAsset %	Asset Update Feed Producers % Asset Issue Oneration %	4	Asset Fund Fee Pool %	Asset Settle %	Asset Global Settle %	Asset Publish Feed	Witness Create %	Witness Update %	Proposal Create % Proposal Update %	Proposal Delete %	Withdraw Permission	Withdraw Permission Update % Withdraw Permission Claim %	Withdraw Permission Delete %	Committee Member Create % Committee Member	Update % Com. Mem. Update Global Parameters %	Vesting Balance Create %	بِّ %	Custom Operation %	Assert Operation % Balance Claim %	Override Transfer %	Transfer to Blind % Blind Transfer %	Transfer from Blind %	Asset Settle Cancel % Asset Claim Fees %	
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Fig.	1.3.640			-		0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 (0	0	0	0	0	0	0 0	0 0	0	0	0 0	0	0 0	0	0 0	0	0 0	0	0 0
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	1.3.666	GREATIDEA	2,496.9	13	87 0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 (0	0	0	0	0	0	0 0	0 0	0	0	0 0	0	0 0	0	0 0	0	0 0	0	0 0
No.	1.3.670	MEGUSTA	278.8	14	86 0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 (0	0	0	0	0	0	0 0	0 0	0	0	0 0	0	0 0	0	0 0	0	0 0	0	0 0
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1.44 1.45						0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 (0	0	0	0	0	0	0 0	0 0	0	0	0 0	0	0 0	0	0 0	0	0 0	0	0 0
Thingsorphise Thingsorphis	1.3.684	NEURATEST	0.6	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
	1.3.685	BEARHUG		_	0 0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 (0	0	0	0	0	0	0 0	0 0	0	0	0 0	0	0 0	0	0 0	0	0 0	0	0 0
1.3.768 SMILE 2.499.0 5 85 0 0 0 0 0 0 0 0 0	1.3.686	THUMBSUP			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
1.379 MARNING 1.21 100 0 0 0 0 0 0 0 0			_	_			0		-	-		-	-	-	0		-	,	0 0	0	0	0		_	0 0	0 0	0	0 0	9		0 0		<u> </u>	-	-		0 0
1.375 CRED 2.4842 3 97 0 0 0 0 0 0 0 0 0							0	-	-	0	_	-	-	-	0	-	-	1	0 0	0	0	0		0	0 0	0 0	0	0	0 0	0	0 0	- 1	<u> </u>	-		0	0 0
1.372 DOLLARS 2.5000 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	0 0
1.3722 DULARS 2.500. 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	<u> </u>	<u> </u>	-		0	0 0
1.3.72 EUROS 2.500. 0 100 0 0 0 0 0 0 0							0		0	0 0	_	<u> </u>	<u> </u>	0 0	0	0	0	0 (0	0	0	0	0	0	0 0	0 0	0	0	0 0	0	0 0		<u> </u>	0		0	0 0
1.3.723 POINDS 2.500.0 0 100 0 0 0 0 0 0 0			· ·				0		0	0 0	-	<u> </u>	<u> </u>	0 0	0	0	0	0 (0	0	0	0	0	0	0 0	0 0	0	0	0 0	0	0 0	-	<u> </u>	0			0 0
13.724 YUAN 130,000 0 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0							0		<u> </u>	<u> </u>		-	-	0	0				0 0	0	0	0		<u> </u>	0 0	0 0	0	0	<u> </u>	<u> </u>	0	<u> </u>	<u> </u>	0	-		0 0
1.3.726						0	0	0	0	0 0		0	0	-	0	0	0	0 (0	0	0	0	0	0	0 0	0 0	0	0	0 0	0	0 0	0	0 0	0	0 0	0	0 0
1.3.730 PETROBRAS 10.0 0 100 0 0 0 0 0 0 0	1.3.725	YUANS	2,500.0	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	1.3.726	XBITCOIN	2,500.0	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
1.3.74 TCNY 30.4 64 36 0 0 0 0 0 0 0 0 0							0		-	-	_	<u> </u>	<u> </u>	-	0		-	,	<u> </u>	ļ ,	0	0		_	0 0	0 0	0	0	<u> </u>		0 0		<u> </u>	"	-	-	0 0
1.3.742 CRAPCOIN		-		_			0			-	-	-	-		0	-	-	1	0	0	0	0			0 0	0 0	0	-	<u> </u>		0 0	_	-	-	-		0 0
1.3.744 SPERM 52.1 62 38 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			-				0				-	_	-	-	0			,) 0	0	0	0		_	0 0	0 0	0	<u> </u>	9	<u> </u>	0 0	_	-	-	-	<u> </u>	0 0
1.3.746 ANTSHARE 112.6 1 99 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0							0		-	-	-		-	-	0	-	-	,	0	0	0	0		<u> </u>	0 0	0 0	0	0	<u> </u>		0 0		-	-	-		0 0
1.3.747 BOSEG 154.9 81 19 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1.3.745		151.0	61	39 0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 (0	0	0	0	0	0	0 0	0 0	0	0	0 0	0	0 0	0	0 0	0	0 0	0	0 0
1.3.749 QUANT 488.0 100 0	1.3.746	ANTSHARE	112.6	1	99 0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 (0	0	0	0	0	0	0 0	0 0	0	0	0 0	0	0 0	0	0 0	0	0 0	0	0 0
1.3.750 CONNECT 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
1.3.751 IOU.ANS 24.9 1 99 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		-		_			0			-	<u> </u>	<u> </u>		0	0			,	0	0	0	0		0	0 0	0 0	0	0	0 0	0	0 0	<u> </u>	<u> </u>	0	-		0 0
										-		<u> </u>	<u> </u>	-	0					ļ ,	0	0		-	0 0	0 0	0	0	<u> </u>		0 0	_	<u> </u>	"	-		0 0
	-	-					0		-	-	-	-	-	-	0	-	0	0 (0	0	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	Quanti	Transfer Operation	Limit Order Create % Limit Order Cancel %	Call Order Update %	- 6	Account Update %	Account Whitelisting %	T I	Account Transfer % Asset Create %	Asset Update % Asset Update BitAsset %		Asset Issue Operation %	Asset Reserve % Asset Fund Fee Pool %	sset 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 Indate %	Com. Mem. Update Global Parameters %	Vesting Balance Create % Vesting Balance Withdraw	% Worker Create %	Custom Operation %	Assert Operation % Balance Claim %	Override Transfer %	Transfer to Blind % Blind Transfer %	er from Blind	Asset Settle Cancel % Asset Claim Fees % FBA Distribution %
1.3.757	OPEN.USD	4.8	7	90	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
1.3.758	GAMEBET	2,499.9	7	93	0 0	0	0	0 (0 0	0 0	0	0 (0	0	0	0 0	0	0 (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	5.1	7	93	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
1.3.767	OPEN.CNY	31.2	1	99	0 0	0	0	0	0 0	0 0	0	0 (0	0	0	0 0	0	0 (0 0	0	0	0 0	0 0	0	0 0	0	0 0	0	0	0 0	0	0 0	0 0 0
1.3.770	FALLOUT	110.0	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
1.3.771	BOTTLECAPS	2,500.0	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
1.3.776	OPENPOS	28.0	38	62	0 0	0	0	0 (0 0	0 0	0	0 (0	0	0	0 0	0	0 (0 0	0	0	0 0 0	0 0	0	0 0	0	0 0	0	0	0 0	0	0 0	0 0 0
1.3.777	MERRY.CHRIST MAS	64.2	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
1.3.781	ABTSLA	250.0	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
1.3.790	TRADE.DOGE	552.3	85	15	0 0	0	0	0 (0 0	0 0	0	0 (0	0	0	0 0	0	0 (0 0	0	0	0 0	0 0	0	0 0	0	0 0	0	0	0 0	0	0 0	0 0 0
1.3.794	PAYBACK	2,500,000,0	0	100	0 0	n	0	0	0 0	0 0	0	0 ()	0	0) (0	0 (0 0	0	0	0 0	0	0	0 0	0	0	0	0	0 0	0	0 0	0 0 0
		20,000.0	U		Ŭ 0	0			<u> </u>	0		, (- 0			, ,		<u> </u>	<u> </u>		J				<u> </u>		<u> </u>	J		<u> </u>		<u> </u>	
1.3.795	IOU.LBA	2,366.2	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
1.3.796	REPGENSIXTEE N	1,020.0	0	2	0 0	0	0	0	0 0	0 0	0	0 0	0	0	0	98	0	0 (0 0	0	0	0 0	0 0	0	0 0	0	0 0	0	0	0 0	0	0 0	0 0 0
1.3.798	GOLDENTICKET	64.2	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
1.3.799	SILVERTICKET	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 0
1.3.800	COPPERTICKET	104.1		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
1.3.801	BTCPREDICT	20.0		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
1.3.802	PEWPS	249,865.8		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
1.3.803	DISRUPTDAILY	2.1	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
1.3.804	SPORTS.SBLAFC	2,492.1	1	99	0 0	0	0	0 (0 0	0 0	0	0 (0	0	0	0 0	0	0 (0 0	0	0	0 0	0 0	0	0 0	0	0 0	0	0	0 0	0	0 0	0 0 0
1.3.806	GRAND	0.1		65	0 0	0	0	0 (0 0	0 0	0	0 (0	0	0	0 0	0	0 (0 0	0	0	0 0	0 0	0	0 0	0	0 0	0	0	0 0	0	0 0	0 0 0
1.3.808	BGIBTS	833.3		85	0 0	0	0	0 (0 0	0 0	0	0 (0	0	0	0 0	0	0 (0 0	0	0	0 0	0 0	0	0 0	0	0 0	0	0	0 0	0	0 0	0 0 0
1.3.809	MILLION	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
1.3.811	HUNDRED	0.0		0	0 0	0	0	0 (0 0	0 0	0	0 (0	0	0	0	0	0 (0 0	0	0	0 0	0 0	0	0 0	0	0 0	0	0	0 0	0	0 0	0 0 0
1.3.814	OPEN.EMC	16.7		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
1.3.816	TRYBITSHARES	158.4		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 0 0
1.3.818	FREEROSS	33.0		0	0 0	0	0	0 0	0 0	0 0	0	0 (0	0	0 0	0	0	0 (0 0	0	0	0 0 0	0 0	0	0 0	0	0 0	0	0	0 0	0	0 0	0 0 0
1.3.820	SPORTS NEL NEC	2,500.0 2,500.0	0	58 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 42 0
1.3.822	SPORTS.NFLNFC COMPUCEEDS	3,161.3	59	41	0 0	0	0	0 0	0 0	0 0	0	0 0) 0	0	0) 0	0	0 (0 0	0	0	0 0	0 0	0	0 0	0	0 0	0	0	0 0	0	0 0	0 90 0
1.3.823	CONNECT.BTC	0.0			0 0	0	0	0 0	0 0	0 0	0	0 0) 0	0	0) 0	0	0 (0 0	0	0	0 0	0 0	0	0 0	0	0 0	0	0	0 0	0	0 0	0 0 0
1.3.825	IOU.LUCKY	2,194.9		99	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	0	0 0	0	0 0	0	0	0 0	0	0 0	0 0 0
1.3.826	OPENBKS	1.3		95	0 0	0	0	-	0 0	0 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
1.3.827	SOLCERT	215.0			.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
1.3.828	OPEN.BKS	1.2		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
1.3.829	SUGAR	2,498.1			0 0	0	0	-	0 0	0 0	<u> </u>	0 (, ,	0		0 0	0	0 (0 0	0	0	0 0	0 0	0	0 0	0	0 0	0	0	0 0	0	0 0	0 0 0
1.3.830	REPNOMTRUMP	2,500.3		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	0 100 0
1.3.831	DEMNOMCLINT	6,249.7		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
1.3.832	ON	2,500.1	0	100	0 0	0	0	0 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	
1.3.832	BTCOIN WTICRUDE	2,500.1	-	97	0 0	0	0	0 4	0 0	0 0	0	0 (-	0	0) 0	0	0 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
1.3.833	SPFIVE	132.0		95	0 0	0	0	0 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
1.3.835	SWALLOW	20.0			0 0	0	0	0 4	0 0	0 0	0	0 (, ,	0	0	0 0	0	0 4	0 0	0	0	"	0 0	0	0 0	0	0 0	0	0	0 0		0 0	0 0 0
1.3.835	SHAREBIT	712.4			0 0	0	0		0 0	0 0	0	0 (-	0		0 0	0	0 4	0 0	0	0		0 0	0	0 0	0	0 0	-	0	0 0	-	0 0	0 0 0
1.3.839	LOCALASSET	64.8			0 0	0	0	0 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
1.3.841	FEDEV	50.0			0 0	0	0	0 4	0 0	0 0	0	0 (-	0	0) 0	0	0 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
1.3.847	ENDWAR	2.0		100	0 0	n	0		0 0	0 0	0	0 0		0	0) 0	0	0 '	0 0	0	0	0 0	0 0	0	0 0	0	0 0	0	0	0 0	0	0 0	0 0 0
1.3.848	CONNECT.USD	2,500.0		100	0 0	n	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
1.3.849	BTSR	5,277.9		97	0 0	0	0	0	0 0	0 0	0) 0	0		0 0	0	0 (0 0	0	0	0 0	0 0	0	0 0	0	0 0		0	0 0	-	0 0	0 0 0
1.3.850	OPEN.ETH	1.3			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
1.3.851	IOU.RMB	72.0		96	0 0	Ŭ	0	-	0 0	0 0	0	0 0		0		0 0	0	0 (0 0	0	0		0 0	0	0 0	0	0 0		0	0 0	-	0 0	0 0 0
1.3.852	IOU.BO	2,500.0		100	0 0	0	0	<u> </u>	0 0	0 0	0	0 0	1	0	0) 0	0	0 (0 0	0	n	0 0	0 0	0	0 0	0	0 0	0	0	0 0	-	0 0	0 0 0
1.3.853	IOU.BOO	2,500.0		100	0 0	0	0	<u> </u>	0 0	0 0	0) 0	0	0	0 0	0	0 (0 0	0	0	0 0	0 0	0	0 0	0	0 0	0	0	0 0	-	0 0	0 0 0
1.3.854	OPEN.MUSE	12,500.6		92	0 0		0	-	0 0	0 0	0	-	0 0	0		0 0	0	0 (0 0	0	0		0 0	0	0 0	0	0 0	-	0	0 0	-	0 0	0 0 0
1.3.855	OPEN.NBT	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
1.3.856	OPEN.NSR	220.2			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
1.3.857	OPEN.PPC	25.0		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
1.3.858	OPEN.DASH	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 0	0 0	0	0 0	0	0 0	0	0	0 0		0 0	0 0 0
		0.5	55				-1			-1		-1			-1		-1	- I '				, , , , ,		-1			-1						

Asset ID	Symbol	Quantity	Transfer Operation	Limit Order Create % Limit Order Cancel %	Call Order Update %	Fill Order	Account Create % Account Update %	Whitelistir	Accoun	Account Transfer % Asset Create %		Asset Update BitAsset %	Ass	• •	Asset Fund Fee Pool %	sset Settle %	Asset Global Settle %	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 %		Worker Create %	Custom Operation %	Assert Operation % Balance Claim %	Override	Transfer to Blind % Blind Transfer %	Transfer from Blind	Asset Settle Cancel % Asset Claim Fees % FBA Distribution %	
1.3.859	OPEN.LTC	0.8		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
1.3.860	OPEN.DOGE	83,336.4		99	0 0	0	0	0	0	0 0	0 0	0	0	0 (0 0	0	0	0	0 (0 (0 0	0	0 0	0 0	0	0	0 0	0	0	0 0	0 0		0 0	0 0	0
1.3.861	OPEN.BTC	1.3		46	0 0	0	0	0	0 4	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
1.3.865	ZARBTS	13.9		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
1.3.868	BOTFUND.USD	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
1.3.870	IOU.MUSE	23.6		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
1.3.872	KOKADUKATS	6.2		99	0 0	0	0	0	0	0 0	0 0	0	0	0 (0 0	0	0	0	0	0 (0 0	0	0 0	0 0	0	0	0 0	0	0	0 0	0 0	-	0 0	0 0	0
1.3.873	MAIDSAFECOIN			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
1.3.874	MAIDSAFE	2,500.0		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
1.3.875 1.3.876	PEERCOIN EMERCOIN	2,500.0 2,500.0		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 1	0 0	0 0	-	0 0	0 0	-0
1.3.877	FACTOM	2,500.0		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
1.3.878	NUSHARES	2,500.0	_	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
1.3.879	DECRED	2,500.0		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
1.3.880	STARTCOIN	2,500.0		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
1.3.881	GETGEMS	2,500.0		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
1.3.882	COUNTERPART	2,500.0	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
1.3.883	NAMECOIN	2,500.0	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
1.3.884	STORJ	2,500.0		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
1.3.885	SYSCOIN	2,500.0		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
1.3.886	RADIUM	2,500.0	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
1.3.888	BANX	6,500.0	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
1.3.890	ETHER	2,500.0	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
1.3.891	YBCOIN	2,500.0		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
1.3.892	XBTC	130,000.0		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
1.3.893	VPNCOIN	2,500.0		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
1.3.895	VOXEL	2,500.0		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
1.3.896 1.3.897	NXTCOIN BTCPLUS	2,500.0		100 99	0 0	0	0	0	0	0 0	0 0	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	0 0	0 0	-	0 0	0 0	0
1.3.898	AUKSINAS	1.1		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
1.3.899	ENTREPRENEU	8.1		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	0
1.3.903	SCISHARES	1.8	100	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 0	0 0	0	0	0 0	0	0	0 0	0 0	0	0 0	0 0	0
1.3.907	WECHAT	3.2		0	0 0	-	0	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
1.3.910	AGORAS	2,500.0			0 0	0	0	0	0	0 0	0 0	0	0	0 (0 0	0	0	0	0	0 (0 0	0	0 0	0 0	0	0	0 0	0	0	0 0	0 0	0	0 0	0 0	0
1.3.911	MINUTES	2,500.0	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
1.3.913	TIMEKOIN	1,000.0	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
1.3.914	PEOPLE	251.3	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
1.3.921	CASH.USD	13.9	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
1.3.924	PEERPLAYS	1.0	18		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
1.3.926	DASH	1,300.0	_	100	0 0	-	0	0	-	0 0	0 0	0	0	<u> </u>	0 0	0	0	0	0	0 (0 0	, ,	7 9 9	0 0	0		0 0		0	0 0	0 0	-	0 0	0 0	0
1.3.933	MKR	255.9	_	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
1.3.936	COINDAYS	5,846,756,7 30.0	U	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
1.3.937	COINSECONDS	584,676,70 1,000,000.0		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
1.3.938	REPUTATION	5.1		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
1.3.940	REVO	233,864.4	_	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
1.3.943	CADASTRAL	58.5			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
1.3.946	KITTY PATRICK	4,968.4		5 100	0 0	-	0	0	0	0 0	0 0	0	0	0 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
1.3.948	TOLLFREEMINU	_		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
	TES									0 0	0 0	0		<u> </u>		0		-	,	0	0	1 0	, , ,	0				0					1	0 0	
1.3.950	CAYMAN	21.8	_		0 0	-	0	0	-	0 0	0 0	0	0	-	0 0	0	0	0	0	0 (0 0	, ,	7 9 9	0 0	0	-	0 0	0	0	0 0	0 0		0 0	0 0	0
1.3.951	IOU.AAA ALTCAP	3,669.1			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
1.3.952	OWNCOINTRAY		_	100	0 0	-	0	0	0	0 0	0 0	0	0	0 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
1.3.956	BTSPLUS	0.0			0 0	-	0	0	0	0 0	0 0	0	0	0	0 0	0	0	0	0	0 (0 0	0 0	0 0	0 0	0	0	0 0	0	0	0 0	0 0		0 0	0 0	0
1.3.957	YXCOIN	866,932.1	_		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
	BTWTY	0.0			47 0	0	0	0	0	0 0	0 0	0	0	0	0 0	0	0	0	0	0 (0 0	0	0 0	0 0	0	0	0 0	0	0	0 0	0 0	0	0 0	0 0	0
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N. Call

Asset ID	Symbol	Quantity	ration	r Create r Cancel	Call Order Update %	Fill Order % Account Create %		Account Whitelisting %		Account Transfer % Asset Create %	Asset Update %		Asset Issue Operation %	Asset Reserve %	et et	Asset Global Settle %	Asset Publish Feed	ss Create	Witness Update %	Proposal Create % Proposal Update %	Proposal Delete %	Withdraw Permission Create % Withdraw Permission Update %	Withdraw Permission Claim %	Delete %	Committee Member Create % Committee Member Update %	Com. Mem. Update Global Parameters % Vecting Balance Create %	Vesting Balance Withdraw	ıte %		Assert Operation % Balance Claim %	Override Transfer %	Transfer to Blind % Blind Transfer %	er from Blind	Asset Settle Cancel % Asset Claim Fees %	FBA Distribution %
1.3.960	IOU.BBB	3,669.2	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
1.3.961	IOU.CCC	3,669.2	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
1.3.962	IOU.DDD	3,669.3	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
1.3.963	IOU.EEE	3,669.2	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
1.3.964	IOU.FFF	3,669.3	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
1.3.966	MILLLIONTDD	5,668.3	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
1.3.967	ABJMARRYME	7.0	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
1.3.970	FUNC	9,785.0		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
1.3.971	SONY	0.1		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
1.3.972	TOYOTA	3,668,759.6		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
1.3.973	OPEN.STEEM	137.6			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
1.3.975 1.3.976	LISKICO CASH.BTC	6.3		14 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 1	0 0	0	0	0 0	0	0 0	0	0 0
1.3.976	OPEN.LISK	74.3			0	0	0	0 () 0	0 0	0	0	0 0	n	0	0 () 0	0	0	0	0	0 0 0	0	0	0 0	0	0	0 0	0	0	0 0	0	0 0	0	0 0
1.3.979	OPEN.DGD	9.8	_	92 0	0	0	0	0 (0 0	0 0	0	0	0 0	0	0	0 (0 0	0 0	0	0	0	0 0 0	0	0	0 0	0	0	0 0	0	0	0 0		0 0	0	0 0
1.3.980	FIMKRYPTO	4,086.4		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
1.3.981	DUPCOIN	3,421.1	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
1.3.983	WORTHLESS	205,464.3	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
1.3.984	WORTHMORE	0.0	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
1.3.985	ALTCAP.X	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
1.3.986	TRUMP	0.3		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
1.3.987	CLINTON	352,224.9		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
1.3.988	SANDERS	22,033.3		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
1.3.989	WASHINGTON	146,760.3		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
1.3.990	FRANKLIN FREEDOM	440,280.0 587,040.0		100 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
1.3.992	UNITEDSTATES	0.0			0	0	0	0 () 0	0 0	0	0	0 0	0	0	0 () 0) 0	0	0	0	0 0 0	0	0	0 0	0	0	0 0	0	0	0 0	0	0 0	0	0 0
1.3.993	EUROPE	0.0	_		0	0	0	0 (0 0	0 0	0	0	0 0	0	0	0 (0	0 0	0	0	0	0 0 0	0	0	0 0	0	0	0 0	0	0	0 0	0	0 0	0	0 0
1.3.994	JINBI	25.6			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
1.3.996	YASHA	11.8	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
1.3.998	WETSTOCK	9.8	55	45 0	0	0	0	0 (0 0	0 0	0	0	0 0	0	0	0 (0	0	0	0	0	0 0 0	0	0	0 0	0	0 (0 0	0	0	0 0	0	0 0	0	0 0
1.3.999	DRYSTOCK	8.4	41	59 0	0	0	0	0 (0	0 0	0	0	0 0	0	0	0 (0	0	0	0	0	0 0 0	0	0	0 0	0	0	0 0	0	0	0 0	0	0 0	0	0 0
-	BLOCKAR	897.5			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
1.3.1005	OPEN.DAO	88.7			0	0	0	0 (1 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
1.3.1006		12.2	_		0	0	0	0 (1 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
1.3.1010		9.5			0	0	0	0 (1 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
1.3.1013	RETAILSET	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 1	0 0	0	0	0 0	0	0 0	0	0 0
	TRANS.DAO	91.6		99 0	0	0	0	0 (0 0	0 0	0	0	0 0	0	0	0 () 0	0 0	0	0	0	0 0 0	0	0	0 0	0	0	0 0	0	0	0 0	0	0 0	0	0 0
1.3.1019	 	0.4			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
	OPEN.MKR	4.6	_		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
1.3.1022	LISK	2,830.3	_	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
1.3.1032	TRANS.ETH	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
	OPEN.OMNI	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
	OPEN.USDT	0.8			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
-	OPEN.AGRS		100		0	0	0	0 (1 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
	OPEN.MAID	40.8			0	0	0	0 (, ,	0 0	0		0 0	0	-	0 (0	0 0	0	0	0	0 0 0	0	0	0 0	<u> </u>	0 (0 0	0	0	0 0		0 0	0	0 0
1.3.1045	OPEN.EURT	0.0			0	0	0	0 0	1 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
1.3.1046	OPEN.AMP GRIDCOIN	11.9			0	0	0	0 (1 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
1.3.1047	<u> </u>	0.1			0	0	0	0 (1 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
	YINCOIN	3,669.3			0	0	0	0 (1 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
	JINCOIN	3,669.0			0	0	0	0 (0 0	0 0	0	0	0 0	0	0	0 (0	0	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	<u> </u>	235,243.3			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
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
1.3.1058	THEDAO	3,669.0	_	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
	EXPANSE	3,669.0			0	0	0	0 (1 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
1.3.1060		3,669.0			0	0	0	0 (1 0	0 0	0		0 0	0	<u> </u>	0 (0	1 1	0	0	0	0 0 0	0	0	0 0	0	0 (0 0	0	0	0 0	-	0 0	0	0 0
	ARTHURCOIN	5,044.0			0	0	0	0 (-	0 0	0	-	0 0	0	0	0 (0	0	0	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	4,606.4	94	6 0	0	U	0	0 (ןט וי	0 0	0	U	0 0	0	U	υ (0 ار	ט וי	U	U	U	0 0 0	0	U	υ 0	0	U (υ 0	0	U	u 0	U	0 0		0 0

Asset ID Symbol Quantity Transfer Operation % Limit Order Create %	Create Cancel Jpdate	Fill Order % Account Create % Account Update % Account Whitelisting %		Asset Update % Asset Update BitAsset % Asset Update Feed Producers % Asset Issue Operation %	et Reserve % Jund Fee Pool sset 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 Operation % Assert Operation % Balance Claim % Override Transfer % Transfer to Blind % Blind Transfer % Asset Settle Cancel % Asset Claim Fees % FBA Distribution %
1.3.1065 CRYPTOCEEDS 7.5 1	99 0 0	0 0 0	0 0 0 0	0 0 0 0	0 0 0	0 0	0 0	0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 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
1.3.1068 OCEANIA 36.7 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
1.3.1069 OPEN.ARDR 12.6 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
1.3.1070 OPEN.SBD 12.6 92	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
	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
1.3.1072 BLOCKPAY 114.2 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
	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
1.3.1079 OPEN.DEOS 110.1 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	
1.3.1080 FAISAL 147.2 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		
1.3.1081 ETCOIN 0.7 99	0 0 0	0 0 0	0 0 0 0	0 0 0 0	0 0 0	0 0	0 0	0 0 0 0		
1.3.1092 REALITY 0.0 100 1.3.1093 YOYOW 17,901.7 100	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		
1.3.1094 HOTHEART 5.3 100	0 0 0	0 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0 0	0 0 0	0 0	0 0 0	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		
1.3.1100 RISKER 20.9 2	98 0 0	0 0 0	0 0 0 0	0 0 0 0	0 0 0	0 0	0 0 0	0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0
1.3.1104 BLKONE 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
1.3.1108 PAYMASTER 1.0 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
1.3.1109 YYBTS 312,009.4 100	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
1.3.1110 PINGAN 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
1.3.1111 JIANKANG 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
	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
	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
	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	
	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		
	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		
	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		
	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		
	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	
	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
1.3.1129 PHONE 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
1.3.1130 VIRUS 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
1.3.1131 MODEL 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
1.3.1132 PHOTO 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
	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
1.3.1139 NIHAO 4,109.1 2	98 0 0	0 0 0	0 0 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 1.2 2	97 0 0	0 0 0	0 0 0 0	0 0 0 0	0 0 0	0 0	0 0 0	0 0 0 0		
1.3.1141 SURPRISE 3,669.0 0 1.3.1144 BAHT 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		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
	100 0 0		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0 0	0 0 0	0 0	0 0	0 0 0 0		
	93 0 0		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0 0	0 0 0	0 0	9 9	0 0 0 0		
	100 0 0	9 9	0 0 0 0	0 0 0 0	0 0 0	0 0	9 9	0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0
1.3.1160 OPEN.GAME 10.0 14	86 0 0	0 0 0	0 0 0 0	0 0 0 0	0 0 0	0 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.INCNT 176.2 90	10 0 0	0 0 0	0 0 0 0	0 0 0 0	0 0 0	0 0	0 0 0	0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0
1.3.1162 STARS 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
	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
	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
	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	
	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	
	100 0 0	0 0	0 0 0 0	0 0 0 0	0 0 0	0 0	0 0	0 0 0 0		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
1.3.1181 KAPITAL 37.7 80 1.3.1182 SAXIONEURO 13.2 100	0 0 0	0 0 0	0 0 0 0	0 0 0 0	0 0 0	0 0	9 9	0 0 0 0		
	100 0 0		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0 0	0 0 0	0 0	9 9	0 0 0 0		
1.3.1184 OPEN.NXC 89.1 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	
1.3.1188 HEMPSWEET 3.2 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
	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
1.3.1191 FRONTIER.USD 45.5 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 0 0 0 0 0 0 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
1.3.1196 OPEN.DCT 2.0 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	0 0 0 0 0 0 0 0 0 0 0 0

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Asset ID	Symbol	Quantity	Transfer Operation %	Limit Order Create % Limit Order Cancel %		Fill Order %	Account Create % Account Update %	Account Whitelisting %		Account Transfer % Asset Create %	Asset Update %		erat	Asset Reserve % Asset Fund Fee Pool %	Asset Settle %	Asset Global Settle %	Witness Create %	Witness Update %	Proposal Create %	Proposal Update % Proposal Delete %	Withdraw Permission	Withdraw Permission Update % Withdraw Permission Claim %	Withdraw Permission Delete %	Committee Member Create % Committee Member	Com. Mem. Update Global Parameters %	Vesting Balance Create %	% Worker Create %	Custom Operation %	Assert Operation % Balance Claim %	🛱	Transfer to Blind % Blind Transfer %	Transfer from Blind %	Asset Settle Cancel % Asset Claim Fees %	
1.3.1199	TASKMANAGER	36.7	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
1.3.1200	TREISM	0.0	90	10	0 0	0	0	0	0 0	0 (0	0 0	0	0	0 0	0	0	0 (0	0	0	0 0	0 0	0	0 0	0	0	0 0	0	0 0	0	0 0	0	0 0
1.3.1202	IOU.BAO	3,669.7	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
1.3.1203	IOU.QIANG	3,669.7			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
1.3.1204	TBBSAR	3,678.0	_	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
1.3.1209	OPEN.WAVES	6.7			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
1.3.1210	OKCASHBAG	3.9		93	0 0	0	0	0	0 0	0 (0	0 0	0	0	0 0	0	0	0 0	0	0	0	0 0	0 0	0	0 0	0	0	0 0	0	0 0		0 0	0	0 0
1.3.1211	VIRGROW	2.5	_		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
1.3.1214	TRAIL VIBERZ	366.9 3,669.2	_	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
1.3.1216	PASSWORD	3,669.0	_		0 0	0	0	0	0 0	0 (0 0	0	0	0 0	0	0	0 0) 0	0	0	0 0	0 0	0	0 0	0	0	0 0	0	0 0		0 0	0	0 0
1.3.1225	NEWBTC	14.7	_		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
1.3.1226	MERRYCHRIST MAS	366.9		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
1.3.1228	FLASH	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
1.3.1229	SAVETHEPLANE T	271.7	2	98	0 0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0	0 0	0	0	0	0 0	0 0	0	0 0	0	0	0 0	0	0 0	0	0 0	0	0 0
1.3.1231	INVEST.MUSIC	0.6	_	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
1.3.1232	INVEST.GAME	1.0	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
1.3.1234	BLOCKCHAIN.I NDEX	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
1.3.1236	MONEDAPAR	84.0	_		0 0	0	0	0	0 0	0 (0	0 0	0	0	0 0	0	0	0 (0	0	0	0 0	0 0	0	0 0	0	0	0 0	0	0 0	0	0 0	0	0 0
1.3.1241	LIVENET	3,669.1	_	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
1.3.1247	WANGCHANGE	392.7	_		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 0
1.3.1248	THIRSTY	0.7	_		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
1.3.1249	SEXAV SEXTV	3,669.0 3,669.0	_	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
1.3.1251	MAGIC	3,669.0		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
1.3.1252	BIBLE	3,669.0	_	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
1.3.1253	DEMON	3,669.0	_	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
1.3.1254	HORSE	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
1.3.1255	BREAD	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
1.3.1256	JEWEL	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
1.3.1257		3,669.0			0 0	_	0	0	0 0	0 (0	0 0	0	0	0 0	0	0	0 (0	0	0	0 0	0 0	0	0 0	0	0	0 0	0	0 0	0	0 0	0	0 0
1.3.1258		587,053.0			0 0	-	0	-	0 0	0 (0 0	0 0	0	0	0 0	0	0	0 (0 0	0	0	0 0	0 0	0	0 0	0	0	0 0	0	0 0		0 0	0	0 0
1.3.1259	TETHERUSD	0.8			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
	LEOUSD	11.0	_		0 0	"	0	0	0 0	0 0		0 0	-	0	0 0	0	0	0 () 0	0	0	0 0	0 0	0	0 0	0	0	0 0	0	0 0	-	0 0	0	0 0
-	LEOGBP	0.0	_		0 0	-	0	-	0 0	0 0		0 0	- "	0	0 0	-	0	0 0) 0	0	0	0 0	0 0	0	0 0	0		0 0	0	0 0	-	0 0	0	0 0
	GALLEON	0.0	_		0 0	0	0	0	0 0	0 (0 0	0 0	-	0	0 0	0	0	0 0	0 0	0	0	0 0	0 0	0	0 0	0	0	0 0	0	0 0	-	0 0	0	0 0
	ETFBTC	1,834.6	_	99	0 0	0	0	0	0 0	0 (0	0 0	0	0	0 0	0	0	0 (0	0	0	0 0	0 0	0	0 0	0	0	0 0	0	0 0	0	0 0	0	0 0
1.3.1274	PPBITS	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
1.3.1279		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
1.3.1285		0.6			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
—	KEEPCOIN	25.6	_		0 0	"	0	<u> </u>	0 0	0 (0	0 0	-	0	0 0	-	0	0 (0	0	0	0 0	0 0	0	0 0	0	0	0 0	0	0 0	-	0 0	0	0 0
1.3.1289		8.1	_		0 0	-	0	-	0 0	0 0	0 0	0 0		0	0 0		0	0 (0	0	0	0 0	n 0	0	0 0	0		0 0	0	0 0		0 0	0	0 0
1.3.1290	DEXBTC	40.0			1 0	"	0		0 0	0 0	0 0	0 0	- 1	0	0 0	-	0	0 () 0	0	0	0 0	0 0	0	0 0	-	<u> </u>	0 0	0	0 0	-	0 0	0	0 0
1.3.1295		146.8			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	- J		0 0	0	0 0		0 0	0	0 0
1.3.1296		146.8	_		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
	DEXCOIN	3,669.0	_		0 0	0	0	0	0 0	0 (0	0 0	0	0	0 0	0	0	0 (0	0	0	0 0	0 0	0	0 0	0	0	0 0	0	0 0	0	0 0	0	0 0
1.3.1299	TESTCOIN	28.6	37	63	0 0	0	0	0	0 0	0 (0	0 0	0	0	0 0	0	0	0 (0	0	0	0 0	0 0	0	0 0	0	0	0 0	0	0 0	0	0 0	0	0 0
1.3.1300	WANGCENTS	15.0	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
1.3.1301		587.1	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
1.3.1302	STEEMFACTOR Y	293.5	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
1.3.1317	ZCOIN	0.3	_	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
	LILWANGS	25.5	_		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
1.3.1325	 	3.5			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
	LEOBUZZ	3,669.2	-		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
1.3.1331	IOU.BCS	3,685.5	0	100	0 0	0	0	U	0 0	0	<u> </u>	υ 0	0	U	υ 0	0	U	υ (ט וי	U	U	0 0	u 0	U	υ 0	U	U	υ <u> </u> 0	0	υ 0	U	0 0	U	0 0

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Asset ID	Symbol	Quantity	Transfer Operation %	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 Operation %	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 %	ithd	Withdraw Permission Claim %	Withdraw Permission Delete %	Committee Member Greate	Committee Member Update %	Com. Mem. Update Global Parameters %	Vesting Balance Create %	Vesting Balance Withdraw %	Worker Create %	Custom Operation %	Assert Operation %	Balance Claim %	Override Transfer %	Transfer to Blind %	Blind Transfer %	Transfer from Blind %	Asset Settle Cancel %	Asset Claim Fees %	FBA Distribution %
1.3.1345	TRUMPSUCKS	1	0.8	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	C	0	0	0 0	0	0	0	0
1.3.1347	EVETAB		4.3	0 9	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
1.3.1352	QORA		6.0	70 2	29	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	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		0.2	0 10	00	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	C	0	0	0 0	0	0	0	0

Table 3. 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.

Asset ID	Symbol	Quantity	Transfer Operation %	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 Operation %	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 Operation %	Assert Operation %	Balance Claim %	Override Transfer %	Transfer to Blind %	Blind Transfer %	Transfer from Blind %	Asset Settle Cancel %	Asset Claim Fees %	FBA Distribution %
1.3.0	BTS	3,298,499.8	2	0	0	1	0	14	0	0	57	0	15	0	0	0	0 ()	0	0	0	10	0	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	39	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
1.3.105	SILVER	0.1	16	84	0	0	0	0	0	0	0	0	0	0	0	0	0 ()	0	0	0	0	0	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	30	70	0	0	0	0	0	0	0	0	0	0	0	0	0 ()	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.110	RUB	4.9	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
1.3.113	CNY	30.1	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
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
1.3.120	EUR	2.0	80	20	0	0	0	0	0	0	0	0	0	0	0	0	0)	0	0	0	0	0	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	31.8	70	30	0	0	0	0	0	0	0	0	0	0	0	0	0 ()	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.349	TRADE.LTC	0.1	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
1.3.350	TRADE.BTC	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
1.3.552	TIPSHARES	20,000.0	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
1.3.554	ELECTROTAXI	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
1.3.569	OPENBTC	0.0	62	38	0	0	0	0	0	0	0	0	0	0	0	0	0 ()	0	0	0	0	0	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	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
1.3.578	OPENDOGE	4,747.4	30	70	0	0	0	0	0	0	0	0	0	0	0	0	0 ()	0	0	0	0	0	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	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

Fees Collected During 2015-11

Table 4. 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.

Asset ID	Symbol	Quantity	Transfer Operation %	Limit Order Create %	Limit Order Cancel %	Call Order Update %	Fill Order %	Account Create %	Account Update %	Account Whitelisting %	Account Ungrade %		Account Transfer %	Asset Create %	Asset Update %	Asset Update BitAsset %	Asset Update Feed Producers %	Asset Issue Operation %	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 %	Bal	Vesting Balance Withdraw	Worker Create %	Custom Operation %	Assert Operation %	Balance Claim %	Override Transfer %	70 F. HOLLOW	Transfer to Blind %	Blind Transfer %	Transfer from Blind %	Asset Settle Cancel %	Asset Claim Fees %	FBA Distribution %
1.3.0	BTS	4,178,801.4	4	1	0	1	0	11	0	0	31	0	51	0	0	(C	0	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) ()
1.3.103	BTC	0.0	20	80	0	0	0	0	0	0	0	0	0	0	0	(0	0	0	0	0	0	0	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	0	100	0	0	0	0	0	0	0	0	0	0	0	(C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	C	0) (ນ
1.3.106	GOLD	0.0	14	86	0	0	0	0	0	0	0	0	0	0	0	(C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	C	0) ()
1.3.110	RUB	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	C	0) (ນ
1.3.113	CNY	125.6	59	41	0	0	0	0	0	0	0	0	0	0	0	(O	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	C	0) (ນ
1.3.120	EUR	1.4	55	45	0	0	0	0	0	0	0	0	0	0	0	(0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	C	0) ()
1.3.121	USD	32.4	49	51	0	0	0	0	0	0	0	0	0	0	0	(0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	C	0) ()
1.3.349	TRADE.LTC	0.2	86	14	0	0	0	0	0	0	0	0	0	0	0	(0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	C	0) ()
1.3.350	TRADE.BTO	0.0	71	29	0	0	0	0	0	0	0	0	0	0	0	()	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0) (ນ

The column																																											
Column	Asset ID	Symbol	Quantity	Operation	ler Create	nit Order Cancel		Order			nt Whitelisting			Asset Create % Asset Update %	Update	Asset Update Feed Producers %	ration	% e %	Pool	Asset Settle 70	et Global Setue Sset Publish Fee	ss Create	ss Update	Proposal Create %	ate	Proposal Deletion %	Withdraw Permission Create %	Withdraw Permission Update % Withdraw Permission	Claim % Withdraw Permission Delete %	ommittee Member Create %	ŭ	Ė	esting Balance Create %	%	er Create	Operation	Operation	nce Claim	Transfer		ısfer	Transfer from Blind % Asset Settle Cancel %	Asset Claim Fees % FBA Distribution %
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154 1 September 1549 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
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Part				_	0	0	0	0	0	0	0	0) 0	0	0	0	0 0	0	0	0	0	0	0	0	0	0 (0 0	0	0	0	0 () 0	0) 0	0) 0	0	0) () () 0	0 0
Mathematic		_		_	22	0	0	0	0	0	0	0) 0	0	0	0	0 0	0	0	0	0	0	0	0	0	0 (0 0	0	0	0	0 () 0	0) 0	0) 0	0	0) () (0	0 0
Mart				_	+	0	0	0	0	0	0	0) 0	0	0	0	0 0	0	0	0	0	0	0	0	0	0 (0 0	0	0	0	0 () 0	0) 0	0) 0	0	0) () (0	0 0
No. 1981 William Willi				_	_	0	0	0	0	0	0	0) 0	0	0	0	0 0	0	0	0	0	0	0	0	0	0 (0 0	0	0	0	0 (0	0	(0	0	0	0	0) () (0	0 0
5. Properties of the contine of the				_	_	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0 (0 0	0	0	0	0 (0 0	0		0	0	0	0	0) () (0	0 0
5.00 Melley Mell			+	_	_	0	0	0	0	0	0	0) 0	0	0	0	0 0	0	0	0	0	0	0	0	0	0 (0 0	0	0	0	0 (0 0	0		0 0	0	0	0	0) () (0	0 0
No. 1. No				0	_	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0 (0 0	0	0	0	0 0	0 0	0		0 0	0	0	0	0) () (0	0 0
Maria Mari	1.3.585	QBITS	75,878.9	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
NAME NAME NAME NAME NAME NAME NAME NAME	1.3.590	OPENMUSE	3,967.3	55	45	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0 (0 0	0	0	0	0 (0 0	0	(0 0	0	0	0	0) () (0	0 0
March Marc	1.3.592	TC	0.0	34	66	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0 (0 0	0	0	0	0 (0	0	(0	0	0	0	0) () (0	0 0
Same base Same	1.3.593	H		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
Table Tabl	1.3.594	A1	90.5	23	77	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0 (0 0	0	0	0	0 (0 0	0	(0	0	0	0	0) () (0	0 0
Signature Signat	1.3.595		_	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
Part	1.3.599	TRADE.MU SE	6,661.7	66	34	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0 (0 0	0	0	0	0 (0 0	0	(0 0	0	0	0	0) () (0	0 0
Section Sect	1.3.604	SHARE		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
Minimal Mini	1.3.607	_		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
Northing North Nor	1.3.608		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
1.4 1.4	1.3.609			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	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0 (0 0	0	0	0	0 (0 0	0	(0	0	0	0	0) () (0	0 0
1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.			-	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
N	1.3.614			51	49	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0 (0 0	0	0	0	0 (0	0		0	0	0	0	0) () (0	0 0
1.3.00 USUIT R.O. O 1.00 O 1.00 O O O O O O O O O	1.3.616	GREENPOI	0.7	80	20	0	0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0 (0 0	0	0	0	0 0	0 0	0	(0 0	0	0	0	0) () (0	0 0
Second S	1.3.619		20.0	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
1.3625 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
Section Sect				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
1.3.65 SANDWICH 1.0.000 0 0 0 0 0 0 0 0		BREAKOUT	10.0	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
1.3.65 1.3.65 1.3.65 1.3.65 1.3.65 1.3.65 1.3.65 1.3.65 1.3.65 1.3.65 1.3.65 1.3.65 1.3.65 1.3.65 1.3.65 1.3.65 1.3.65 1.3.65 1.3.65 1.3.65 1.3.65 1.3.65 1.3.65 1.3.65 1.3.65 1.3.65 1.3.65 1.3.65 1.3.65 1.3.65 1.3.65 1.3.65 1.3.65 1.3.65 1.3.65 1.3.65 1.3.65 1.3.65 1	1 3 626		I 10 000 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
Table Tabl				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) (0	
State Stat				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
1.3638 LITECOIN 70.0 0 100 0 0 0 0 0 0 0		п		100	ļ .	10	10	10		1	10		, 0	0	-	0	0 0					ļ°	1	0			0	0		0		, 0			, 0		, 0		-		,	, 0	0 0
1.3639 B B F S F C			_	0		0	0	0	0	0	0	ļ .	, 10	0	0	0	0 0	0		0	0	+	0	0	_	ļ (0 0	0		0	-	,	0	(0	0	0	0	0) () (, 0	
1.3.642 IOLPLS 61.8 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	0 0
1.368 FISTHUM PLANE PRINT PLAN				_	_	0	0	0	0	0	0	0) 0	0	0	0	0	0		0	0	0	0	0	0	0 (0	0		0	0 () 0	0	() 0	0	0	0	0) () (0	0 0
1.3.650 1.4.2 1.				_	_	0	0	0	0	0	0	0) 0	0	0	0	0 0	0		0	0	+	0	0	0		- 10	0	0	0	0 () O	0) 0	0	0		0	, () (0	
Simple Metale M				/0	30	U	U	U	U	U	U	U) 0	U	U	U	0	0	0	0	U	U	U	U	U	U (0	0	U	U	U (J 0	0		J 0		0	0	0	, () (0	U U
1.3.666 GREATIDE S6.9 S6 44 0 0 0 0 0 0 0 0		ME	104.2			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
A SUSSIDIAR SUSSIDIARI SUSSIDIAR SUSSIDIAR SUSSIDIAR SUSSIDIAR SUSSIDIAR SUSSIDIAR SUS	1.3.660		_	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
1.3.671 BEYONDBI 1.3.672 BROFIST 10,200.0 0 0 0 0 0 0 0 0 0	1.3.666	GREATIDE A	566.9	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
1.3.672 BROFIST 10,200.0 0 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1.3.670	MEGUSTA	39.5	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
1.3.673 THANKYO 203.3 95 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1.3.671	BEYONDBI TCOIN	387.5	90	10	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0 0	0 0	0	0	0	0	0 0	0		0 0	0	0	0	0) (0	0	0 0
1.3.678 KUDOS 106.3 91 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1.3.672	BROFIST	10,200.0	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
1.3.680 PERCENT 683.4 65 35 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1.3.673	THANKYO U	203.3	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
1.3.680 PERCENT 683.4 65 35 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1.3.678	KUDOS	106.3	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
1.3.685 BEARHUG 93.0 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				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
	1.3.685	BEARHUG	93.0	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

Asset ID	Symbol	Quantity	Transfer Operation %	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 Operation %	Accet December 02	Asset Reserve 70	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 Operation %	Assert Operation %	Balance Claim %	Override Transfer %	Transfer to Blind %	Blind Transfer %	Transfer from Blind %	Asset Settle Cancel %	Asset Claim Fees %	FBA Distribution %
1.3.688	SMILE	93.0	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
1.3.708	TWEET	74.2	87	13	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0) (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 5. Fees collected by blockchain during 2015-12 for the different operation types. The fees are presented in percentage terms of the total fees collected for an asset.

	T ces concete				3		, .					JF					F -				1	,			,																		
Asset ID	Symbol	Quantity	Transfer Operation %	Limit Order Create %		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 Operation %	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 %	Balance Wit	r Create %	tom Operation	Assert Operation % Balance Claim %	Override Transfer %		: ፲፰	Transfer from Blind %	Asset Settle Cancel %	Asset Claim Fees % FBA Distribution %
1.3.0	BTS	2,007,482.6	7	3 () 1	(0 0	3 0	(0	25 0	55	0	0	0	0	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
1.3.103	BTC	0.0	3	97 (0		0 0	0 0	(0	0 0	0	0	0	0	0	0	0	0	0	0	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	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
1.3.106	GOLD	0.0	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
1.3.113	CNY	84.5	59	41 (0	(0 0	0 0	(0	0 0	0	0	0	0	0	0	0	0	0	0	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	0.1	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
1.3.120	EUR	1.2	45	55 (0	(0 0	0 0	(0	0 0	0	0	0	0	0	0	0	0	0	0	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	13.9	34	66 (0	(0 0	0 0	(0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0 (0	0	0	0	0	0	0	0	0 (0 0
1.3.349	TRADE.LTC	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
1.3.350	TRADE.BTC	0.0	_	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
1.3.422	AWCOIN	8,299.8	_	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
1.3.472	METAFEES	0.4	_	83 (0	- (0 0	0 0	- 10	0	0 0	0	0	0	0	0	0	0	0	0	0	0	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	57.9	23	77 () 0	- (0 0	0	(0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0 (0	0	- 0	0	0	0	0	10	0 0	0 0
1.3.552	TIPSHARES	10.0	100	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
1.3.560	DORIAN OBITS	309.0	100 37	63 () 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
1.3.569	OPENBTC	_	_	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
1.3.577	OPENLTC	0.0		25 () 0	- '	0 0) 0		0	0 0	0	0	0	0	0	0	0	0	0	0	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	7,333.3		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
1.3.579	OPENDASH	0.9		70 (0		0 0	0 0		0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0 (0	0	0	0	0	0	0	0	0	0 0
1.3.580	OPENPPC	1.2	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
1.3.585	QBITS	18,261.7	_	55 (0		0 0	0 0	(0	0 0	0	0	0	0	0	0	0	0	0	0	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	5,054.5	_	93 (0 0	(0 0	0 0	- (0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0 (0	0	0	0	0	0	0	0	0	0 0
1.3.592	METAEX.BTC	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
1.3.593	METAEX,ETH	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
1.3.594	METAEX.NXT	10.0	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
1.3.599	TRADE.MUSE	1,760.5	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
1.3.607	PERKS	70.2	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
1.3.609	IOU.CNY	0.1	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
1.3.611	GNOTES	110.0	55	45 (0	(0 0	0 0	(0	0 0	0	0	0	0	0	0	0	0	0	0	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	5,375.0		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
1.3.616	GREENPOINT	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
	SANDWICH		_	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
	BRICS	241,569.7		95 (,	(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	0	0	0 (0 0
	IOU.ABC	0.2		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	- 1	0	0	0	0	0 (0	0	0	0	0	0	0	0	0 0	0 0
	FLATEARTH	32.1	100	0 (0		0 0) 0	-	U	0 0	0	0	U	U	0	0	0	0	0	0	0	U	U	0	U	0 0		0	0	0	0	0 (,	0	0	0	0	0	0	+	1	0 0
	PLATINUM	63,906.2	100	0 (0 0) 0	-+		0 0			-	0	0	0	0	0	0	+	1	-	-		0	0 0		0	0	0	0	0 (, 0	0	- 0	0	0	0	0	-	0 (0 0
	BTSFCX	64.8	100) 0	(-	0 0		-		-	0	0	0	0	0		-	-	-	-		0 0		0	0	+	-	0 (, 10	0	0	0	0	U	0	+	1	$\begin{array}{c c} 0 & 0 \\ \hline 0 & 0 \end{array}$
	IOU.PLS PETROCHINA	31.8	100	100	,			-	- (_	$\frac{0}{0}$				-		0	0	0	0	_	-	-	-	-		0 0		0	0	+	-	0 0	, 10	0	0	0	0	0	0	+	1	0 0
	FISTBUMP	945.5	41	_) 0		0 0) 0		_	0 0	0	0		0	0	0	0	0	0		0	0	-	0		0 0		0	0	0	0	0 (,	0	- 0	0	0	0	0	+	0 0	0 0
1.3.659	OPENSESAME	34.0		0 () 0		0 0) 0		0	0 0) 0	0	-	0	0	0	0	0	0	<u> </u>	0	0	0	-	0	0 0		0	0	0	0	0 () 0	n		n	0	0	0	10	0	0 0
	HIGHFIVE		_	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		n	0	0	0	10	0	0 0
1.5.000	I I I O I I I V E	20.0	10	100	, 0			, 0		·	· [0	. 10	<u>ا</u> ا	•	v	J	l ^u	10				١٠	٦	·	·	~	19 10	U				U	<u> </u>	, 0	U		ľ		J .			1	0

Asset ID	Symbol	Quantity	Transfer Operation %	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 %	Producers %		Asset Reserve %	Accet Cottle 0/	O DESCRIPTION OF THE PROPERTY	lobal So	Asset Publish Feed Witness Create %	Witness Undate %		oposal	oposal Update	Proposal Deletion %	Withdraw Permission Create %	Withdraw Permission Update % Withdraw Permission	Claim % Withdraw Permission	Committee Member Create	Committee Member Update %	Com. Mem. Update Global Parameters %	Vesting Balance Create %	Vesting Balance Withdraw %	Worker Create %	Custom Operation %	Assert Operation %	Balance Claim %	Override Transfer %	4	മ :	anster from Blind	ance	Asset Claim Fees % FBA Distribution %
1.3.666	GREATIDEA	10.0	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
1.3.673	THANKYOU	30.0	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
1.3.676	TRUST	10.0	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
1.3.680	PERCENT	10.0	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
1.3.684	NEURATEST	0.6	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
1.3.688	SMILE	83.0	-	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
1.3.705	WARNING	32.1	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
1.3.715	CREDO	10.0	0	100	0	0	0	0	0	0	0	0	0 0) (C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0 0	0	0	0	0	0	0	0
1.3.720	BARRAS	12.4	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
1.3.724	YUAN	70.0	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
1.3.730	PETROBRAS	10.0	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
1.3.734	TCNY	14.2	44	56	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0 0	0	0	0	0	0	0	0
1.3.742	CRAPCOIN	2,499.9	14	86	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0 0	0	0	0	0	0	0	0
1.3.744	SPERM	52.1	62	38	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0 0	0	0	0	0	0	0	0
1.3.745	BLOCKCHAINF UND	148.1	61	39	0	0	0	0	0	0	0	0	0 0	c	0	0	0	0	0	0	0	0	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	50.4	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
1.3.747	BOSEG	120.0	75	25	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0
1.3.749	QUANT	33.0	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
1.3.751	IOU.ANS	0.4	76	24	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0
1.3.753	OSCAR	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
1.3.758	GAMEBET	96.3	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
1.3.770	FALLOUT	10.0	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
1.3.771	BOTTLECAPS	20.0	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
1.3.776	OPENPOS	2.9	45	55	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0 0	0	0	0	0	0	0	0
1.3.777	MERRY.CHRIST MAS	64.2	100	0	0	0	0	0	0	0	0	0	0 0	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0
1.3.781	ABTSLA	9.0	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

Table 6. 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.

																														e		T= T		>										
Asset ID	Symbol	Quantity	Transfer Operation %	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 %	Producers %	Asset Reserve %	Asset Fund Fee Pool %	Asset Settle %	Asset Global Settle %	Asset Publish Feed	Witness Create %	Witness Update %	Proposal Create %	ğ	Proposal Deletion %	Withdraw Permission Create %	Withdraw Permission Update % Withdraw Permission	Claim % Withdraw Permission	Delete % Committee Member Creat	Committee Member Update %	Com. Mem. Update Globa Parameters %	esting Balance	Vesting Balance Withdraw %	Worker Create %	Custom Operation %	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	3	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) ('
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) (, 1
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) (,
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) (,
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) (,
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) (
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) (, — !
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) (, — !
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) (, — !
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) (, — !
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) (, — 1
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) (, — 1
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) (,—
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) (,—
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) (,—
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) (,—
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) (,

Asset ID	Symbol	Quantity	Transfer Operation %	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 Operation %	Asset Reserve %	Vocation V	Asset Settle %	Asset Global Settle % Asset Publish Feed		Witness Update %	Proposal Create % Proposal Update %	Proposal Deletion %		Withdraw Permission Withdraw Permission Claim %	Withdraw Permis Delete %	Committee Member Create % Committee Member Update %	Com. Mem. Update Global Parameters %		Worker Create %	Custom Operation %	Assert Operation %	Balance Claim %	Override Transfer %	Transfer to Blind % Blind Transfer %	Transfer from Blind %	Asset Settle Cancel % Asset Claim Fees % FBA Distribution %
1.3.578	OPENDOGE	3,666.7	_	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 (- 10	- 10	0	0	0 0 0
1.3.579	OPENDASH	0.1		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
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
1.3.587	FRESH OPENMUSE	1.0 11,880.5	100	96	0 0) n	0	0 (0	0	0 0) () () 0	0	0	0 0	0	0	0	0	0) 0	0	0 0	0	0 (0 0	0	0 0	0	0	0 (0 0) 0) 0	0	0 0 0
1.3.592	METAEX.BTC	0.0		72	0 0	n	0	0 (0	0	0 0) () () 0	0	0	0 0	0	0	0	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		1,548.4		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
1.3.607	PERKS	59.2	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
1.3.609	IOU.CNY	0.6	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
1.3.614	GSTAMP	462.1	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
1.3.616	GREENPOINT	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
1.3.626	SANDWICH	1.0	_	39	0 0	0	0	0 (0	0	0 0) () (0	0	0	0 0	0	0	0	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	631.2	_	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
1.3.660	HIGHFIVE	2,150.0	_	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
1.3.662	OPENNBT	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
1.3.666	GREATIDEA THANKYOU	1,920.0 2,260.0	_	100	0 0	n l	0	0 (0	0	0 0) () () 0	0	0	0 0	0	0	0	0	0) 0	0	0 0	0	0 0	0 0	0	0 0	0	0	0 (0 0) 0) 0	0	0 0 0
1.3.678	KUDOS	2,393.6	_	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 ($\frac{0}{0}$) 0	0	0	0 0 0
1.3.680	PERCENT	1,800.0	_	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
1.3.688	SMILE	2,320.0		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
1.3.708	TWEET	2,410.0	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
1.3.720	BARRAS	0.6	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
1.3.734	TCNY	3.5	37	63	0 0	0	0	0 (0	0	0 0) () (0	0	0	0 0	0	0	0	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	1.4	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
1.3.747		32.1	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 ($\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	0	0	0	0 0 0
1.3.749	QUANT CONNECT	455.0 0.0	0	100	0 0	n l	0	0 (0	0	0 0) () () 0	0	0	0 0	0	0	0	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	38	62	0 0	0	0	0	0	0	0 0) () (0	0	0	0 0	0	0	0	0	0	0 0	0	0 0	0	0 (0 0	0	0 0	0	0	0 (0 0	0	0	0	0 0 0
1.3.767	OPEN.CNY	0.3	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
1.3.770	FALLOUT	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
1.3.776	OPENPOS	14.0	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
1.3.781	ABTSLA	241.0	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
	IOU.LBA	6.2	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
1.3.796	REPGENSIXTEE N		Ĭ	2	0 0	0	0	0 (0	0	0 0) () (0	0	0	0	0 0	0	98	0	0	0	0	0	0 0	0	0 (0 0	0	0 0	0	0	0 (0 0	0	0	0	0 0 0
	GOLDENTICKET		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
1.3.799	SILVERTICKET COPPERTICKET		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 ($\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$		0	0	0 0 0
1.3.800		20.0	100	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
1.3.802		249,820.3	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	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
1.3.803	DISRUPTDAILY		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
1.3.804	SPORTS.SBLAFC			99	0 0	0	0	0 (0	0	0 0) (0	0	0	0 0	0	0	0	0	0	0 0	0	0 0	0	0 (0 0	0	0 0	0	0	0	0 0	0	0	0	0 0 0
1.3.806	GRAND	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
1.3.808	BGIBTS	23.3	43	57	0 0	0	0	0 (0	0	0 0) () (0	0	0	0 0	0	0	0	0	0	0	0	0 0	0	0 (0 0	0	0 0	0	0	0 (0 0	0	0	0	0 0 0
1.3.809	MILLION	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
1.3.814	OPEN.EMC	0.7		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
1.3.816	TRYBITSHARES	 		24	0 0	-	0	0 (0	0	0 0) () (0	0	0	0 0	0	0	0	0	0	0	0	0 0	0	0 (0 0	0	0 0	0	0	0 (0 0	0	0	0	0 0 0
1.3.818		33.0	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
1.3.820	SPORTS.NFLAFO			30	0 0		0	0 (0	0	0 0) () (0	0	0	0 0	0	0	0	0	0	0 0	0	0 0	0	0 (0 0	0	0 0	0	0	0 ($\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	0	0	0	0 42 0
1.3.821	SPORTS.NFLNFC		_	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 98 0
1.3.825		2,193.9		99	0 0		0	0 (0	0	0 0)	0	0	0	0 0	0	0	0	0	0) 0	0	0 0	0	0 (0 0	0	0 0	0	0	0 (0 0) 0) 0	0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
1.3.826	OPENBKS	0.1		70	0 0		0	0	0	0	0 0) (0	0	0	0 0	0	0	0	0	0	0 0	0	0 0	0	0 (0 0	0	0 0	0	0	0	0 0	0	0	0	0 0 0
1.3.830	REPNOMTRUMP			0	0 0	0	0	0 (0	0	0 0) () (0	0	0	0 0	0	0	0	0	0	0	0	0 0	0	0 (0 0	0	0 0	0	0	0 (0 0	0	0	0	0 100 0
1.3.833	WTICRUDE	150.0	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
1.3.834	SPFIVE	125.0	_	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
1.3.835	SWALLOW	20.0	0	100	υ 0	ט	0	0 (υ	0	0 0) [0) [0	0	0	0	0 0	0	0	0	0	0	0 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 7. 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.

								'			J1					1		<i>-</i>	'		'		<u>'</u>															
Asset ID	Symbol	Quantity	Transfer Operation %	Order Create	Limit Order Cancel % Call Order Update %	Fill Order %	Account Create %	Account Update %	Account Whitelisting %	Account Upgrade %		Asset Create % Asset Update %	Asset Update BitAsset %	Asset Update Feed Producers %	Asset Issue Operation %	Asset Reserve %	Asset Fund Fee Pool %		Asset Global Settle %	Asset Publish Feed Witness Create %	Witness Update %		posal	Proposal Deletion %	Withdraw Permission Create % Withdraw Permission Update %	Withdraw Permission Claim %	Withdraw Permission Delete % Committee Member Create	Committee Mem Update %	Com. Mem. Update Global Parameters % Vesting Balance Create %	Vesting Balance Withdraw %	Worker Create %	Custom Operation %	Assert Operation %	Balance Claim % Override Transfer %	Transfer to Blind %	Blind Transfer % Transfer from Blind %	ttle Cancel	sset Claim Fee BA Distributio
1.3.0	BTS	3,532,053.6	6	20 0	0	0	7	0	0 1	9 () 4	7 0	0	0	0	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
1.3.103	BTC	0.0	4	96 0	0	0	0	0	0 0	C	0 0	0	0	0	0	0	0	0 0	0	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	10	90 0	0	0	0	0	0 0	C	0 0	0	0	0	0	0	0	0 0	0	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	C	0 0	0	0	0	0	0	0	0 0	0	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	42.0	63	37 0	0	0	0	0	0 0	C	0 0	0	0	0	0	0	0	0 0	0	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	1.7	64	36 0	0	0	0	0	0 0	C	0 0	0	0	0	0	0	0	0 0	0	0	0	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	11.6	33	67 0	0	0	0	0	0 0	C	0 0	0	0	0	0	0	0	0 0	0	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	51	49 0	0	0	0	0	0 0	C	0 0	0	0	0	0	0	0	0 0	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	C	0 0	0	0	0	0	0	0	0 0	0	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	2,145.5	90	10 0	0	0	0	0	0 0	C	0 0	0	0	0	0	0	0	0 0	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			82 0	0	0	0	0	0 0	C	0 0	0	0	0	0	0	0	0 0	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		35	65 0	0	0	0	0	0 0	C	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0) (0 0	0	0 0	0 0	0	0	0	0) (0 0	0	0 0	0	0 0
1.3.554	ELECTROTAXI	100.0	0	100 0	0	0	0	0	0 0	C	0	0	0	0	0	0	0	0 0	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	100.0	0	100 0	0	0	0	0	0 0	C	0	0	0	0	0	0	0	0 0	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			20 0	0	0	0	0	0 0	C	0 0	0	0	0	0	0	0	0 0	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		15	85 0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0 0) 0	0	0	0 0	0) (0	0	0 0	0 0	0	0	0) 0) (0	0	0 0	0	0 0
1.3.588	TRADE.DASH	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
1.3.590	OPENMUSE	3,150.0		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
1.3.599	TRADE.MUSE	162.1	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
1.3.607	PERKS IOU.CNY	48.8 37.8	94	98 0	0	0	0	0	0 0) 0	0	0	0	0	0	0	0 0) 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	GSTAMP		66	34 0	0	0	0	0	0 0) 0	0	0	0	0	0	0	0 0) 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	1,973.8	<u>0</u> 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
1.3.659	OPENSESAME		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
1.3.715	CREDO	10.0	0	100 0	0	0	0	0	0 0		$\frac{3}{0}$	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
1.3.734	TCNY		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
1.3.746	ANTSHARE	2.5	0	100 0	0	0	0	0	0 0	C	0 0	0	0	0	0	0	0	0 0) 0	0	0	0 0	0) (0	0	0 0	0 0	0	0	0) 0) (0 0	0	0 0	0	0 0
1.3.751	IOU.ANS	24.5	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
1.3.757	OPEN.USD	0.3	60	40 0	0	0	0	0	0 0	C	0 0	0	0	0	0	0	0	0 0	0	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	0.4	41	59 0	0	0	0	0	0 0	C	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0) (0 0	0	0 0	0 0	0	0	0) 0) (0 0	0	0 0	0	0 0
1.3.767	OPEN.CNY	0.4	100	0 0	0	0	0	0	0 0	C	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	(0 0	0	0 0	0 0	0	0	0) 0) (0 0	0	0 0	0	0 0
1.3.776	OPENPOS	4.1	61	39 0	0	0	0	0	0 0	C	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0) (0	0	0 0	0 0	0	0	0	0) (0 0	0	0 0	0	0 0
1.3.795	IOU.LBA	2,360.0	0	100 0	0	0	0	0	0 0	C	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0) (0 0	0	0 0	0 0	0	0	0	0) (0 0	0	0 0	0	0 0
1.3.806	GRAND	0.0	100	0 0	0	0	0	0	0 0	C	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0) (0	0	0 0	0 0	0	0	0	0) (0 0	0	0 0	0	0 0
1.3.808	BGIBTS	83.3	84	16 0	0	0	0	0	0 0	C	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0) (0 0	0	0 0	0 0	0	0	0) 0) (0 0	0	0 0	0	0 0
1.3.814	OPEN.EMC	0.5	0	100 0	0	0	0	0	0 0	C	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0) (0	0	0 0	0 0	0	0	0	0) (0 0	0	0 0	0	0 0
1.3.816	TRYBITSHARES		100		0	0	-	•	0 0		0	0	0	0	0	0	0	0 0	, 0	0	0	0 0	0) (0 0	*	,	0 0	,	10	0	0) (0 0	0	0 0	0	0 0
1.3.822	COMPUCEEDS			40 0	0	0	+	-	0 0		0	0	0	_	0	0	0	0 0		0		0 0					, ,	0 0	- 1	10	0	,) (0	0	0 0	0	0 0
1.3.826	OPENBKS		76		0	0	-	-	0 0		0	0	0	0	•	0	0	0 0	,	0	0	0 0	0) (0		<u> </u>	0 0	- 1	10	-) 0) (0	0	0 0	0	0 0
1.3.829	SUGAR	110.0	0	100 0	0	0	0	-	0 0		$\begin{bmatrix} 0 \\ 0 \end{bmatrix}$	0	0	0	0	0	0	0 0) 0	0	0	0 0	0) (0 0		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0) 0	-	0) 0) () 0	0	0 0	0	0 0
1.3.833	WTICRUDE SHAREBIT	50.0 702.8	97	100 0 3 0	0	0	0	•	0 0		$\frac{1}{0}$	0	0	0	0	0	0	0 0) 0	0	0	0 0	0		0 0	-	<u> </u>	0 0) 0	0	0) () 0	0	0 0	0	0 0
1.3.841	LOCALASSET	64.8	100		0	0	1	•	0 0		$\frac{3}{0}$	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
1.3.843	FEDEV			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
1.3.847	ENDWAR	2.0	0	100 0	0	0	-	•	0 0		$\frac{3}{0}$	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
1.3.849	BTSR		90	10 0	0	0	0	0	0 0) 0	0	0	0	0	0	0	0 0) 0	0	0	0 0	0) (0 0	0	0 0	0 0	0	0	0) 0) (0 0	0	0 0	0	0 0
1.3.850	OPEN.ETH	0.1	0	100 0	0	0	0	0	0 0		$\frac{1}{0}$	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) (0 0	0	0 0	0	0 0
	IOU.RMB	72.0	4	96 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	0	0 0	0	0 0
1.3.852	IOU.BO	2,500.0	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
1.3.853	IOU.BOO	2,500.0	0	100 0	0	0	0	0	0 0	C	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	(0 0	0	0 0	0 0	0	0	0) 0) (0 0	0	0 0	0	0 0
1.3.854	OPEN.MUSE	1,250.0	12	88 0	0	0	0	0	0 0	C	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	(0 0	0	0 0	0 0	0	0	0	0 0) (0 0	0	0 0	0	0 0
1.3.855	OPEN.NBT	0.0	0	100 0	0	0	0	0	0 0	C	0 0	0	0	0	0	0	0	0 0	0	0	0	0 0	0) (0 0	0	0 0	0 0	0	0	0	0 0) (0 0	0	0 0	0	0 0
1.3.856	OPEN.NSR	20.0	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
1.3.857	OPEN.PPC	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
1.3.858	OPEN.DASH	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
1.3.859	OPEN.LTC	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

Asset ID	Symbol	Quantity	Transfer Operation %	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 Operation %	Asset Reserve %	Asset Fund Fee Pool %	Asset Settle %	Asset Global Settle %	Asset Publish Feed	Witness Create %	Witness Update %	oposal	Proposal Update %	Ig	Create	g ~ ;	- ,	Withdraw Permission Delete %	Committee Member Create %	Committee Member Update %	Com. Mem. Update Global Parameters %	Vesting Balance Create %	Vesting Balance Withdraw %	Worker Create %	Custom Operation %	Assert Operation %	Balance Claim %	Override Transfer %	Transfer to Blind %	Blind Transfer %	Transfer from Blind %	Asset Settle Cancel %	Asset Claim Fees %	FBA Distribution %
1.3.860	OPEN.DOGE	333.3	0	100	0	0	0	0	0	0	0	0	0	0	0	0 () () ()	0 (0	0 0	0	C	0	0	0	0	0	0	0	() (0 0	0) (0	0	0	0	0	0	0	0	0	0	0
1.3.861	OPEN.BTC	0.0	12	88	0	0	0	0	0	0	0	0	0	0	0	0 () () ()	0 (0	0 0	0	C	0	0	0	0	0	0	0	() (0 0	0) (0	0	0	0	0	0	0	0	0	0	0
1.3.870	IOU.MUSE	23.6	0	100	0	0	0	0	0	0	0	0	0	0	0	0 () () ()	0 (0	0 0	0	C	0	0	0	0	0	0	0	() (0 0	0) (0	0	0	0	0	0	0	0	0	0	0
1.3.872	KOKADUKATS	0.1	57	43	0	0	0	0	0	0	0	0	0	0	0	0 () () ()	0 () (0 0	0	C	0	0	0	0	0	0	0	() (0 0	0) (0	0	0	0	0	0	0	0	0	0	0
1.3.897	BTCPLUS	0.5	0	100	0	0	0	0	0	0	0	0	0	0	0	0 () () ()	0 () (0 0	0	C	0	0	0	0	0	0	0	() (0 0	0) (0	0	0	0	0	0	0	0	0	0	0
1.3.903	SCISHARES	1.8	100	0	0	0	0	0	0	0	0	0	0	0	0	0 () () ()	0 (0	0 0	0	C	0	0	0	0	0	0	0	() (0 0	0) (0	0	0	0	0	0	0	0	0	0	0

Table 8. Fees collected by blockchain during 2016-03 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 Operation %	Limit Order Create %	Limit Order Cancel %	Call Order Update %	Fill Order %	Account Create %	Account Update %	Account Whitelisting %	Account Upgrade %	Account Transfer %	sset Create	Asset Update %	date Bit	Producers %		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 Permis Delete %	Committee Member Create %	Ö	Com. Mem. Update Global Parameters %	Vesting Balance Create %	Vesting Balance Withdraw %	Worker Create %	Custom Operation %	Assert Operation %	Balance Claim %	Override Transfer %	Transfer to Blind %	Blind Transfer %	Transfer from Blind %	Asset Settle Cancel %	Asset Claim Fees % FBA Distribution %
1.3.0	BTS	6,447,577.4	1	1	0 0		0	2	0	0	16	0	79 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
	BTC	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		5 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		5 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
1.3.113	CNY	5.1	84	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
	EUR	0.1	86	14	0 0	(0	0	0	0	0	0	0 0	0	0	0	0	0) ()	0	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	1.3	34	66	0 0		0	0	0	0	0	0	0 0	0	0	0	0	0) ()	0	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	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	C	J 0
1.3.349	TRADE.LTC	5.7	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	C) 0
1.3.350	TRADE.BTC	0.0	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	C) 0
1.3.422	AWCOIN	6,715.4	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	С) 0
1.3.472	METAFEES	0.7	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	С) 0
1.3.541	AIWCNY	14.3	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	С) 0
1.3.562	OBITS	261.2	8	92	0 0	(0	0	0	0	0	0	0 0	0	0	0	0	0) ()	0	0	0	0	0	0	0	0	0 0	0) (0 (0	0	0	0	0	0	0	0 0) (0 (0	0	С) 0
1.3.569	OPENBTC	0.0	84	16	0 0	(0	0	0	0	0	0	0 0	0	0	0	0	0) ()	J	0	0	0	0	0	0	0	0 0	0) (0 (0	0	0	0	0	0	0	0 0) (0 (0	0	C) 0
1.3.577	OPENLTC	0.0	100	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	С) 0
1.3.585	QBITS	38,738.0	21	79	0 0	(0	0	0	0	0	0	0 0	0	0	0	0	0) ()	J	0	0	0	0	0	0	0	0 0	0) (0 (0	0	0	0	0	0	0	0 0) (0 (0	0	С) 0
1.3.590	OPENMUSE	56.3	0	100	0 0	(0	0	0	0	0	0	0 0	0	0	0	0	0) ()	J	0	0	0	0	0	0	0	0 0	0) (0 (0	0	0	0	0	0	0	0 0) (0 0	0	0	C) 0
1.3.592	METAEX.BTC	0.0	71	29	0 0	(0	0	0	0	0	0	0 0	0	0	0	0	0) ()	J	0	0	0	0	0	0	0	0 0	0) (0 (0	0	0	0	0	0	0	0 0) (0 (0	0	C) 0
1.3.599	TRADE.MUSE	0.7	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	C) 0
1.3.606	IOU	500,000.0	0	100	0 0	(0	0	0	0	0	0	0 0	0	0	0	0	0) ()	J	0	0	0	0	0	0	0	0 0	0) (0 (0	0	0	0	0	0	0	0 0) (0 (0	0	C) 0
1.3.614	GSTAMP	6.3	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	c) 0
1.3.628	BRICS	806.6	88	12	0 0	(0	0	0	0	0	0	0 0	0	0	0	0	0) () (J	0	0	0	0	0	0	0	0 0	0) (0 (0	0	0	0	0	0	0	0 0) (0 (0	0	0) 0
1.3.639	BTSFCX	4.7	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
1.3.658	FISTBUMP	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	0	0 0	0) (0 (0	0	0	0	0	0	0	0 0	0	0 (0	0	0) 0
1.3.686	THUMBSUP	2,500,000,0 0.0	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
1.3.687	THUMBSDOWN	2,500.0	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
1.3.720	BARRAS	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
1.3.734	TCNY	0.4	78	22	0 0	(0	0	0	0	0	0	0 0	0	0	0	0	0) () ()	0	0	0	0	0	0	0	0 0	0) (0 (0	0	0	0	0	0	0	0 0) (0 (0	0	0) 0
1.3.750	CONNECT	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
1.3.758	GAMEBET	64.2	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
1.3.766	OPEN.EUR	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
1.3.776	OPENPOS	0.7	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
1.3.794	PAYBACK	2,500,000,0 0,000.0	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
1.3.808	BGIBTS	8.9	52	48	0 0	(0	0	0	0	0	0	0 0	0	0	0	0	0) ()	0	0	0	0	0	0	0	0	0 0	0) (0 (0	0	0	0	0	0	0	0 0	0	0 (0	0	0	0 0
1.3.814	OPEN.EMC	15.4	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
1.3.822	COMPUCEEDS	0.5	17	83	0 0	(0	0	0	0	0	0	0 0	0	0	0	0	0) ()	J	0	0	0	0	0	0	0	0 0	0) (0 (0	0	0	0	0	0	0	0 0	0	0 (0	0	0	0 0
1.3.823	CONNECT.BTC	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

Asset ID	Symbol	Quantity	Transfer Operation %	Limit Order Create %	Limit Order Cancel %		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 Operation %	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 Operation %	Assert Operation %	Balance Claim %	Override Transfer %	Transfer to Blind %	Blind Transfer %	Transfer from Blind %	Asset Settle Cancel %		FBA Distribution %
1.3.825	IOU.LUCKY	0.5	0	100	0	0	0) 0)	0	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 ()
1.3.826	OPENBKS	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)
1.3.827	SOLCERT	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 ()
1.3.829	SUGAR	530.0	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)
1.3.839	SHAREBIT	9.5	0	100	0	0	0	0)	0	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 ()
1.3.848	CONNECT.USD	2,500.0	0	100	0	0	0	0)	0	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)
1.3.849	BTSR	4,869.0	0	100	0	0	0	0)	0	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 ()
1.3.850	OPEN.ETH	0.0	15	85	0	0	0	0)	0	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 ()
1.3.853	IOU.BOO	0.1	0	100	0	0	0	0)	0	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 ()
1.3.854	OPEN.MUSE	246.2	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)
1.3.858	OPEN.DASH	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)
1.3.860	OPEN.DOGE	65.4	0	100	0	0) C	0)	0	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)
1.3.861	OPEN.BTC	0.6	0	100	0	0	0	0)	0	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)
1.3.888	BANX	6,500.0	0	100	0	0	0	0)	0	0	0	0 0	- 1) (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)
1.3.897	BTCPLUS	0.0	1	99	0	0) C	0)	0	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	J
1.3.914	PEOPLE	250.1	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)
1.3.933	MKR	251.6	0	100	0	0	0	0)	0	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)
1.3.936	COINDAYS	5,846,756,73 0.0	0	100	0	0	C	0)	0	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)
1.3.937	COINSECONDS	584,676,701 000,000.0	0	100	0	0	C	0)	0	0	0	0 0)	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0)
1.3.938	REPUTATION	0.0	0	100	0	0	0	0)	0	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)
1.3.940	REVO	233,864.4	0	100	0	0	0	0)	0	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)
1.3.946	KITTY	279.7	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 ()
1.3.948	PATRICK	1.8	0	100	0	0) C	0)	0	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)
1.3.949	TOLLFREEMINI TES	0.7	0	100	0	0	C	0)	0	0	0	0 0)	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0)
1.3.950	CAYMAN	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)
1.3.951	IOU.AAA	3,669.1	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)
1.3.953	OWNCOINTRAY	7 0.0	0	100	0	0	0	0)	0	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)
1.3.957	YXCOIN	792.6	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)
1.3.960	IOU.BBB	3,669.2	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)
1.3.961	IOU.CCC	3,669.2	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)
1.3.962	IOU.DDD	3,669.3	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)
1.3.963	IOU.EEE	3,669.2	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)
1.3.964	IOU.FFF	3,669.3	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)
1.3.966	MILLLIONTDD	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)
1.3.967	ABJMARRYME	7.0	0	100	0	0	0	0)	0	0	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)

Table 9. 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.

Asset ID	Symbol	Quantity	Transfer Operation %	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 Operation % Asset Reserve %	Asset Fund Fee Pool %	Asset Settle %	Asset Global Settle %	Asset Publish Feed	/itness	Proposal Create %	Proposal Update %	al Del	Create % Withdraw Permission	date w Pe	Withdraw Permission Delete %	Committee Member Create	Committee Mem Update %	Com. Mem. Update Global Parameters %	Vesting Balance Create %	Vesting Balance Withdraw %	Worker Create %	Custom Operation %	Assert Operation %	Balance Claim % Override Transfer %	Transfer to Blind %	Blind Transfer %	Transfer from Blind %	Asset Settle Cancel	Asset Claim Fees %	FBA Distribution %
1.3.0	BTS	1,879,556.4	1	0	0 (0 () 3	0	0	46	0 4	45	1	0 0	0	0	0	0	0	2 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	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
1.3.105	SILVER	0.0	57	41	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
1.3.106	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	0.6	66	34	0 (0 (0	0	0	0	0 (0	0	0 0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0	0 0	0 0	0 0	0	0	0	0	0	0	0	0	0	0	0
												0	0	0	0) 0	0	0	0	0 0	0	0	0	0 0	0	0	0	n	0 0) () () 0	0	0) 0	0	0	0		0	0	0
1.3.120	EUR	0.3	99	1	0	0 () 0	0	0	0	10 10	0	ין ט	U U	U	, 0	U	U	U	0	Ů			0 0	10	10	10	U	10 10	,	, ,	,	U	U	, 0	U	U	U	U	U	U	U
1.3.120 1.3.121	EUR USD	0.3	99 95	1 5	0 0	0 0	0 0	0	0	0	0 (0	0	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0	0 0) (0 0) 0	0	0	0	0	0	0	0	0	0	0

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			% u	% 3	% 8		%	%	% gı	%	%		set %	pa	% uo	%	% lo	à		%	%	%	%	%	sion	sion	ssion)er	ا فا	ce Create %	%	% ι	%	% er %	%	% pı	mcel %	% %
	=	<u> </u>	Operation	5	Call Order Update	r %	Create	Update	Whitelisting 9	Account Upgrade	nsfer	nte %	Asset Update BitAsset	e Feed s %	Asset Issue Operation		e Pool	sset Settle %	Settie 74 h Feed	ate	late	Proposal Create	Proposal Update	Deletion	Withdraw Permiss Create % Withdraw Permiss	rmiss	rmiss % lber	Committee Member Update %	late (rs %	Withdr	% Create	ation	Operation	e Claim %	Blind			Asset Claim Fees FBA Distribution
Asset ID	mpo n	antity	Орег	ler C	er U	Fill Order	t Cr	. Upo	/hite	Upg	Transf	Create	lte B	Update	o	Asset Reserve	Asset Fund Fee	Settle	Publish	Cre	ess Update	5	I Up	Del	Withdraw Permi Create % Withdraw Permi	Update Withdraw Per Claim 9	Withdraw Permis Delete % ommittee Member	tee N	[출 급	Balance Balance	% U	Oper	pera	Balance Claim verride Transfe	2	Transfer from Bli	le Ca	aim tribu
As	S _x	₹	sfer (Limit Order	Ord		count	Account 1	i i	Ħ	Account	ਡ । ਫ਼] bd g	Prod	essne	set F	Fun		et P	tness	mess	bosa	posa	osal	drav Cre	dra Up	drav Del	Upo	Mem. Parar	Bal.	Worker) H	ort 0	Balance Override	Transfer	Blind T	Settle	et Cl
			Transfer		Call	-	Acc	Acc	Account	Acc	Acc	Ass	sset 1	Asset	sset]	¥	sset	¥		Witn	Witne	Pro	Pro	Prop	¥ith ¥ith	With	With With	Con	E G	Vesting Bal	Š	Custom	Assert	Ba	Tra	Bli Fans	Asset	Asse
				1 ,					▼				¥ A		¥		₽.		1								- S		Ŝ	خ د								
1.3.350	TRADE.BTC	0.0	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	0	0 0	0	0 0	0	0 0
1.3.422	AWCOIN METAFEES	835.0 0.0	99	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
1.3.541	AIWCNY	8.8	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
1.3.554	ELECTROTAXI	13.2	0	100 0	0	0	0	0	0	0	0 (0	0	0 0	0	C) (0 0	0	0	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	8.8	0	100 0	0	0	0	0	0	0	0 (0	0	0 0	0	C) (0 0	0	0	0	0 0) (D	0 0	0	0 0	0	0 0	0	0	0	0	0 0	0	0 0	0	0 0
1.3.562	OBITS OPENBTC	0.0	99 100	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
1.3.569	QBITS	16,073.8	90	10 0	0	0	0	0	0	0	0 () 0	0	0 0	0) (0 0	0	0	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	20.6	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
1.3.592	METAEX.BTC	0.0	83	17 0	0	0	0	0	0	0	0 (0	0	0 0	0	C) (0 0	0	0	0	0 0) (0	0 0	0	0 0	0	0 0	0	0	0	0	0 0	0	0 0	0	0 0
1.3.593	METAEX.ETH	0.0	97	3 0	0	0	0	0	0	0	0 (0	0	0 0	0	C) (0 0	0	0	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.MUSE PERKS	0.3	0 83	100 0 17 0	0	0	0	0	0	0	0 (0	0	$\frac{0}{0}$	0) (0 0	0	0	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	34.8	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
1.3.616	GREENPOINT	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
1.3.688	SMILE	3.0	100	0 0	0	0	0	0	0	0	0 (0	0	0 0	0	C) (0 0	0	0	0	0 0) (0	0 0	0	0 0	0	0 0	0	0	0	0	0 0	0	0 0	0	0 0
1.3.734	TCNY	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
1.3.746	ANTSHARE BOSEG	0.0 2.8	100	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
1.3.758	GAMEBET	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
1.3.766	OPEN.EUR	0.0	0	100 0	0	0	0	0	0	0	0 (0	0	0 0	0	C) (0 0	0	0	0	0 0) (0	0 0	0	0 0	0	0 0	0	0	0	0	0 0	0	0 0	0	0 0
1.3.776	OPENPOS	4.1	100	0 0	0	0	0	0	0	0	0 (0	0	0 0	0	C) (0 0	0	0	0	0 0) (0	0 0	0	0 0	0	0 0	0	0	0	0	0 0	0	0 0	0	0 0
1.3.790	TRADE.DOGE	94.0	100	0 0	0	0	0	0	0	0	0 (0	0	0 0	0	C) (0 0	0	0	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	COPPERTICKET GRAND	0.0	0	0 100	_	0	0	0	0	0	0 (0	0	$\frac{0}{0}$	0) (0 0	0	0	0	0 0) (0	0 0	0	0 0	0	0 0	0	0	0	0	0 0	0	0 0	0	0 0
1.3.808	BGIBTS	55.9		80 0	0	0	0	0	0	0	0 (0 0	0	$\frac{0}{0}$	0) (0 0	0	0	0	0 0		0	0 0	0	0 0	0	0 0	0	0	0	0	0 0	0	0 0	0	0 0
1.3.814	OPEN.EMC	0.0	0	100 0	0	0	0	0	0	0	0 (0	0	0 0	0	C) (0 0	0	0	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	COMPUCEEDS	0.0	58	41 0	0	0	0	0	0	0	0 (0	0	0 0	0	C) (0 0	0	0	0	0 0) (0	0 0	0	0 0	0	0 0	0	0	0	0	0 0	0	0 0	0	0 0
1.3.825	IOU.LUCKY	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
1.3.830 1.3.834	REPNOMTRUM SPFIVE	P 0.3 0.4	0	100 0 100 0	0	0	0	0	0	0	0 (0	0	0 0	0) (0 0	0	0	0	0 0) () n	0 0	0	0 0	0	0 0	0	0	0	0	0 0	0	0 0	0	0 0
1.3.839	SHAREBIT	0.0	0	100 0	0	0	0	0	0	0	0 (0	0	$\frac{0}{0}$	0) (0 0	0	0	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	7.8	99	1 0	0	0	0	0	0	0	0 (0	0	0 0	0	C) (0 0	0	0	0	0 0) (0	0 0	0	0 0	0	0 0	0	0	0	0	0 0	0	0 0	0	0 0
1.3.850	OPEN.ETH	0.1	67	33 0	0	0	0	0	0	0	0 (0	0	0 0	0	C) (0 0	0	0	0	0 0) (0	0 0	0	0 0	0	0 0	0	0	0	0	0 0	0	0 0	0	0 0
1.3.854	OPEN.MUSE	62.5	_	58 0	0	0	0	0		0	0 (, 0	- 0	0 0	0	C) (0 0	0	0	0	0 0) (0	0 0	0	0 0	0	0 0	0	0	0	0	0 0	0	0 0	0	0 0
1.3.859 1.3.860	OPEN.LTC OPEN.DOGE	0.1 108.7	98 86	14 0	0	0	0	0	0	0	0 (0	0	0 0	0) (0 0	0	0	0	0 0) (0	0 0	0	0 0	0	0 0	0	0	0	0	0 0	0	0 0	0	0 0
1.3.861	OPEN.BTC	0.0		17 0	0	0	0	0	0	0	0 (0	0	$\frac{0}{0}$	0) (0 0	0	0	0	0 0) (0	0 0	0	0 0	0	0 0	0	0	0	0	0 0	0	0 0	0	0 0
1.3.897	BTCPLUS	0.0		68 0	0	0	0	0	0	0	0 (0	0	0 0	0) (0 0	0	0	0	0 0) (0	0 0	0	0 0	0	0 0	0	0	0	0	0 0	0	0 0	0	0 0
1.3.914	PEOPLE	1.2	0	100 0	0	0	0	0	_	0	0 (, 0	- u	0 0	0	C) (0 0	0	0	0	0 0) (0	0 0		0 0	0	0 0	0	0	0	0	0 0	0	0 0	0	0 0
1.3.921	CASH.USD	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	0 0		0 0	0	0 0	0	0	0	0	0 0	0	0 0	0	0 0
1.3.933	MKR REPUTATION	0.1	74	26 0 100 0	0	0	0	-	0	0	0 (, 0	-	$\begin{array}{c c} 0 & 0 \\ \hline 0 & 0 \end{array}$	0) (0 0	0	0	-	0 0) (ט	0 0		0 0	0	0 0	0	0	0	0	0 0	0	0 0	0	0 0
1.3.946	KITTY	688.3		21 0	0	0	0	-	_	0	0 (, 0	0	$\frac{3}{0}$ 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
1.3.950	CAYMAN	1.1	98	2 0	0	0	0	0	0	0	0 (0	0	0 0	0	0) (0 0	0	0	0	0 0) (00	0 0	0	0 0	0	0 0	0	0	0	0	0 0	0	0 0	0	0 0
1.3.956	BTSPLUS	0.0	0	97 3	0	0	0	0	_	0	0 (0	0	0 0	0	C) (0 0	0	0	0	0 0) (0	0 0	0	0 0	0	0 0	0	0	0	0	0 0	0	0 0	0	0 0
1.3.966	MILLLIONTDD		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
1.3.972	TOYOTA OPEN.STEEM	3.0	95	100 0 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
1.3.975	LISKICO	0.4	0	100 0	0	0	0	-		0	0 (, 0	-	$\begin{array}{c c} 0 & 0 \\ \hline 0 & 0 \end{array}$	0) (0	0	0	0	0 0) (0	0 0		0 0	–	0 0	0	0	0	0	0 0	0	0 0	0	0 0
1.3.977	OPEN.LISK	1.0	0	99 1	0	0	0	-	<u> </u>	0	0 (0	0	0 0	0) (0	0	0	0 0) (0	0 0	0	0 0	+-	0 0	0	0	0	0	0 0	0	0 0	0	0 0
1.3.979	OPEN.DGD	9.1		99 0	0	0	0	0	0	0	0 (0	0	0 0	0	C) (0 0	0	0	0	0 0) (0	0 0	0	0 0	0	0 0	0	0	0	0	0 0	0	0	0	0 0
1.3.981	DUPCOIN	3,421.1	100		0	0	-	0	0	0	0 (, 0	0	0 0	0	C) (0 0	0	0	0	0 0) (0	0	0 0		0 0	0	0 0	0	0	0	0	0 0	-	0 0	0	0 0
1.3.983	WORTHLESS WORTHMORE	0.0	99	100 0	0	0	+	0	-	0	0 (, 0	0	0 0	0) (0 0	0	0	0	0 0) (ט	0 0		0 0	+	0 0	0	0	0	0	0 0	0	0 0	0	0 0
1.3.984	TRUMP	0.0	0	100 0	0	0	+		-	0	0 (, 0	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
1.3.987	CLINTON	73,380.9	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
1.3.988	SANDERS	1,486.9	1	99 0	0	0	0	0	0	0	0 (0	0	0 0	0	C) (0 0	0	0	0	0 0) (0	0 0	0	0 0	0	0 0	0	0	0	0	0 0	0	0 0	0	0 0
1.3.989	WASHINGTON	0.3	1	99 0	0	0	0	0	0	0	0 0	0	0	0 0	0	C) (0 0	0	0	0	0 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 Operation %	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 Operation %	Asset Reserve %	Asset Fund Fee Pool %	Asset Settle %	Asset Global Settle %	Asset Publish Feed Witness Create %	Witness Update %	Proposal Create %	roposal	Proposal Deletion %	Withdraw Permission Create %	Withdraw Permission Undate %		Withdraw Permission Delete %	Committee Member Create %	Committee Member Update %	Com. Mem. Update Global Parameters %	Vesting Balance Create %	Vesting Balance Withdraw %	Worker Create %	Custom Operation %	Assert Operation %	Balance Claim %	Override Transfer %	Transfer to Blind %	Blind Transfer %	Transfer from Blind %	Asset Settle Cancel %	Asset Claim Fees %	FBA Distribution 70
1.3.990	FRANKLIN	146,760.0	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	C	0	0) (0 0	0	0	0	0	0	0	
1.3.991	FREEDOM	293,520.0	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	C	0	0) (0 0	0	0	0	0	0	0	
1.3.992	UNITEDSTATES	0.0	30	60	10	0	0	0	0	0	0	0	0 0) ()	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0) (0 0	0	0	0	0	0	0	
1.3.993	EUROPE	0.0	37	63	0	0	0	0	0	0	0	0	0 0) ()	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	C	0	0) (0 0	0	0	0	0	0	0	
1.3.996	YASHA	3.7	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	C	0	0) (0 0	0	0	0	0	0	0	
1.3.998	WETSTOCK	0.3	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	
1.3.999	DRYSTOCK	0.1	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	

Table 10. 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.

		-														_		_		-		-																						
Asset ID	Symbol	Quantity	Transfer Operation %	Create	Limit Order Cancel % Call Order Update %	ler %	Account Create %	Account Update %	Account Whitelisting %	Account Upgrade %	Account Transfer %	Asset Create %	et Opuate pdate BitA	Asset Update Feed Producers %	Asset Issue Operation %	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 Operation %	Assert Operation %		Override Transfer %	Transfer to Blind %	Blind Transfer %	ısfer from Blind	Asset Settle Cancel %	Asset Claim Fees % FBA Distribution %
1.3.0	BTS	2,983,720.2	1	0 0	0	0	2	0	0	19	0	76 0	0	0	0	0	0	0 (0	0	0	0	0 (0 (0	0	0	0	0	0 ()	0	0	1	1	0	0	0 0	0) (0	0	0	0
1.3.103	BTC	0.0	0	0 10	00 0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0 (0	0	0	0	0	0 ()	0	0	0	0	0	0	0 0	0) (0	0	C) 0
1.3.105	SILVER	0.0	37	53 11		0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	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
1.3.113	CNY	2.7	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
1.3.120	EUR	0.4	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
1.3.121	USD	0.4	93	6 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
1.3.349	TRADE.LTC	0.0	_	0 10	00 0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	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
1.3.422	AWCOIN	114.2	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
1.3.554	ELECTROTAXI	16.1	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
1.3.555	HRYVNA	1.5	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
1.3.562	OBITS	11.7	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
1.3.569	OPENBTC	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
1.3.585	QBITS	32,879.6	+	2 0	0	0	0	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
1.3.590	OPENMUSE	3.7	0,	98 2	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	0	0	0 0	0) () 0	- 0) 0
1.3.592	METAEX.BTC	0.0	0	99 1	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	0	0	0 0	0) (0) 0
1.3.593	METAEX.ETH	0.0	0		00 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	0	0	0 0	0) (0) 0
1.3.599	TRADE.MUSE	30.1	44	56 0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	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	1.7	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
1.3.614	GSTAMP	17.6	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
1.3.626	SANDWICH	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
1.3.659	OPENSESAME	41.7	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
1.3.673	THANKYOU	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
1.3.734	TCNY	0.6	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
1.3.746	ANTSHARE	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 1	0 (0	0	0	0	0	0 ()	0	0	0	0	0	0	0 0	0) () 0	0) 0
1.3.758	GAMEBET	5.7	100	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	0	0	0 0	0) () 0	- 0) 0
1.3.776	OPENPOS	0.1	95	5 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	0	0	0 0	0) () 0	- 0) 0
1.3.790	TRADE.DOGE	301.5	94	6 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	0	0	0 0	0) () 0	- 0) 0
1.3.800	COPPERTICKET		0	0 10	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 () 1	0	0	0	0	0	0	0 0	0) () 0	- 0) 0
1.3.802	PEWPS	14.7	0	100 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	0	0	0 0	0) () 0	0		, 0
1.3.806	GRAND	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 1	0 (0	0	0	0	0	0 ()	0	0	0	0	0	0	0 0	0) () 0	0		, 0
		24.4	60	31 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	0	0	0 0	0) () 0	- 0		, 0
1.3.808	BGIBTS OPEN FMC	0.0	69 86	14 0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0 (0	0	0	0	0	0 /)	0	0	0	0	0	0	0 0	0) (, 0	- 0	- 0) 0
1.3.814	OPEN.EMC COMPUCEEDS	0.0	_	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 1)	0	0	0	0	0	0	0 0	0) (0	$-\frac{1}{0}$	- 10) 0
			0		0	0	0	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)	0	0	0	0	0	0	0 0	0	, (0	- 0	- 10) 0
1.3.825	IOU.LUCKY	0.1	Ü	100 0 25 0	0	0	0	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)	0	0	0	0	0	0	0 0	0	, (0	0	- 10) 0
1.3.827	SOLCERT	12.0		25 0	U	U	U	U	U	U	U	0 0	U	U	U	U	U		U	U	U	U	0	0 (U	U	U	U	U	0 (J	U	U	U	U	U	U	0 0	0	, (, 0	$ \frac{1}{1}$	-+	- 0
1.3.831	DEMNOMCLINT ON	28.0	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

Asset ID	Symbol	Quantity	r Operation %	rder Create %	Limit Order Cancel %	Call Order Update %	Fill Order %	Account Create %	Account Update %	Whitelisting %	Account Upgrade %	Account Transfer % Asset Create %	t Update %	Asset Update BitAsset %	Asset Update Feed Producers %	ue Operation %	Asset Reserve %	Fund Fee Pool %	Asset Settle %	Global Settle %	lish	ess Create %	ss Update %	sal Create %	Proposal Update %	Proposal Deletion %	aw Permission Treate %	Withdraw Permission Update %	Withdraw Permission Claim %	Withdraw Permission Delete %	mmittee Member Create % Committee Member	Update % om. Mem. Update Global Parameters %	Vesting Balance Create %	alance Withdraw	Worker Create %	Custom Operation %	Operation %	nce Claim %	Transfer	er to Blind %	Transfer from Rlind %	Asset Settle Cancel %	Asset Claim Fees %	Distribution %
			Transfer	Limit Order	Limit O	Call Or	룹	Ассон	Accou	Account	Accou	Accou	Asset	Asset Up	Asset Pro	Asset Iss	Asse	Asset Fu	Ass	Asset G	Asset	Witness	Witness	Propo	Propo	Propos	Withdraw Pe Create	Withdr	Withdr	withdr I	Committe	Com. Mer	Vesting B	Vesting Balance V	Work	Custon	Assert	Balance	Override	Iranster 	Transfe	Asset S	Asset	FBAD
1.3.832	BTCOIN	0.9	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
1.3.839	SHAREBIT	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
1.3.849	BTSR	2.9	90	10	0	0	0	0 0)	0	0 (0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0	0	0	0	0	0	0	0 (0 (0 (0	0	0	0	0	0
1.3.850	OPEN.ETH	0.3	90	10	0	0	0	0 0)	0	0 (0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0	0	0	0	0	0	0	0 (0 (0 (0	0	0	0	0	0
1.3.854	OPEN.MUSE	139.5		30	0	0	0	0 0)	0	0 (0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0	0	0	0	0	0	0	0 (0 (0 (0	0	0	0	0	0
1.3.855	OPEN.NBT	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
1.3.858	OPEN.DASH	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
1.3.859	OPEN.LTC	0.2	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
1.3.860	OPEN.DOGE	211.4	_	56	0	0	0	0 0)	0	0 (0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0	0	0	0	0	0	0	0 0	0 0	0 (0	0	0	0	0	0
1.3.861	OPEN.BTC	0.6	_	0	0	0	0	0 0)	0	98 (0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (,	0	0	0	0	0	0	0 0	0 0	0 (0	0	0	0	0	0
1.3.888	BANX	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
1.3.897	BTCPLUS ENTREPRENEU	2.7		24	-	0	0	0 0)	0	0 (0		0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0 0) 0	0 (0	0	0	0	0	0
1.3.899	R CASH.USD	0.6		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
1.3.924	PEERPLAYS	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	10	0
1.3.933	MKR	0.1	_	11	0	0	0	0 0)	0	0 (0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0) 0	0	0	0	0	0	0	0 (0 (0 () 0	0	0	0	0	0
1.3.938	REPUTATION	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
1.3.946	KITTY	117.4		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
1.3.949	TOLLFREEMINU TES	0.1		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
1.3.950	CAYMAN	3.4	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
1.3.971	SONY	0.1		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
1.3.972	TOYOTA	0.1	_	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
1.3.973	OPEN.STEEM	0.3	_	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
1.3.975	LISKICO	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
1.3.976	CASH.BTC	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
1.3.977	OPEN.LISK	17.6	64	36	0	0	0	0 0)	0	0 (0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0	0	0	0	0	0	0	0 (0 (0 (0	0	0	0	0	0
1.3.979	OPEN.DGD	0.4	84	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
1.3.980	FIMKRYPTO	1.5	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
1.3.984	WORTHMORE	0.0	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	0	0 (0 (0 (0	0	0	0	0	0
1.3.986	TRUMP	0.0	89	11	0	0	0	0 0)	0	0 (0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0	0	0	0	0	0	0	0 (0 0	0 (0	0	0	0	0	0
1.3.987	CLINTON	249,492.0	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
1.3.988	SANDERS	19,078.8		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
1.3.989	WASHINGTON	146,760.0		100	-	•	0	0 0)	0	0 (0	ļ .		0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0	0	0	0	0	0	0	0 0	0 0	0 (0	0	0	0	0	0
1.3.990	FRANKLIN	293,520.0		100			•	0 0		0	0 (, 0			0	_		0	0	0	0	0	0	0	0	0	•	0 (0	0	0	0	0	Ŭ	0 0	0 0	0 (0	0	0	0	0	0
1.3.992	UNITEDSTATES		_			-	-	0 0)	0	0 (0			-	0	0	0	0	0	0	0	0	0	0	-		0 (0	0	0	0	0	0	0 (0 0	0 (0	0	0	0	0	0
1.3.996	YASHA	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	0
1.3.998	WETSTOCK	5.1	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
1.3.999	DRYSTOCK	3.4		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
1.3.1005		27.6	_	29			0	0 0		0	0 (- 1"	<u> </u>		0	0	0	0	0	0	0	0	0	+	0	-	<u> </u>	0 (,	0	0	0	0	0		0 0	$\frac{1}{1}$	0 (,	0	0	0	10	0
1.3.1010		0.0		100	-		0	0 0		0	0 (- 10	-		0	0	0	0	0	0	0	0	0	+	0	-	•	0 (0	0	0	0	0	0	0	7 6	0 (,	0	0	0	10	0
1.3.1013		9.2		2	-		-	0 0	-	U	0 (- 10	-		0	0		0	0	0	0	0	0	+	-	-	•	0 0		- 10	0	0	0	0	0	0 0	0 0		, ,	0	0	0	10	10
1.3.1017		0.1	100	99	-	-	-	$\begin{pmatrix} 0 & 0 \\ 0 & 0 \end{pmatrix}$		0	0 0	- 10	<u> </u>			0	0	0	0	0	0	0	0	+	0	-		0 0			0	0	-	0	-	0 0	0 0		, ,	0	0	0	10	10
1.3.1018	TRANS.DAO	91.4 0.8				0	-	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$,	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	J 10	0 () 0	0	0	0	10	10
1.3.1022	11310	0.0	U	50	→	U	v	0 10	,	U	v (, [0	٧	U	U	U	U	U	U	U	U	U	U	ľ	J.	U	v	ا ت	, 0	10	U	U	ľ	U	U	<u> </u>	<u> </u>	·	, 0	Į ^U	l o	10	10	U

Table 11. Fees collected by blockchain during 2016-06 for the different operation types. The fees are presented in percentage terms of the total fees collected for an asset.

						'		'	1	71			1		1		5	-1		0011001																
Asset ID	Symbol	Quantity	Transfer Operation %	Limit Order Create % Limit Order Cancel %	Call Order Update %	Fill Order %	Account Create %	Account Update %	Account Whitelisting % Account Upgrade %	Account Transfer %	Asset Create % Asset Undate %	Asset Update BitAsset %	Asset Update Feed Producers %	Asset Issue Operation %	Asset Reserve %	Asset Fund Fee Pool %	Asset Settle % Asset Global Settle %	Asset Publish Feed Witness Create %	ess 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 Operation %	Assert Operation %	Balance Claim % Override Transfer %	Transfer to Blind %	Blind Transfer % Transfer from Blind %	ttle Cancel	sset Claim Fee BA Distribution
1.3.0	BTS	874,813.3	3	2 0 0)	0	5 0) (0 32	0	49 2	0	0	0 (0	0	0 0	1 0	0	0 0	0	0	0 0 0	0	0 0	0	0	3	2 (0 (0 () 1	0	0 0	0	0 0
1.3.105	SILVER	0.0	89	11 0 0)	0	0 0) (0 0	0	0 0	0	0	0 (0	0	0 0	0 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
1.3.113	CNY	2.3	88	11 0 0)	0	0 0) (0 0	0	0 0	0	0	0 (0	0	0 0	0 0	0	0 0) 0	0	0 0 0	0	0 0	0	0	0	0) (0	0	0	0 0	0	0 0
	EUR	0.0	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	0	0	0	0) (0	0	0	0 0	0	0 0
1.3.121	USD	0.1	90	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
1.3.350	TRADE.BTC	0.0	85	12 0 0)	0	0 2	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
1.3.362	DOGECOIN	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
1.3.422	AWCOIN	176.1	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
1.3.438	UIATEST	14.7	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
1.3.439	UIATESTA	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
1.3.472	METAFEES	0.0	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
1.3.541	AIWCNY	2.7	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
1.3.562	OBITS	11.5	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
1.3.569	OPENBTC	0.0	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
1.3.585	QBITS	51,385.9	77	0 0 0)	0	0 2	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
1.3.590	OPENMUSE	14.7	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
1.3.599	TRADE.MUSE	34.4	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
1.3.607	PERKS	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
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 0
1.3.640	MONEYCLUB	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
1.3.642	IOU.PLS	2,406.4	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
1.3.658	FISTBUMP	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
1.3.673	THANKYOU	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
1.3.715	CREDO	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
1.3.734	TCNY	0.2	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
1.3.746	ANTSHARE	0.0	100	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
1.3.756	GAMEBET OPENPOS	0.7	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
1.3.790	TRADE.DOGE	29.4	0	100 0 0)	0	0 0) (0	0	0 0	0	0	0 (n	0	0 0	0 0	0	0 0) 0	n l	0 0 0	0	0 0	0	0	0	0 () (0 () 0	0	0 0	0	0 0
1.3.808	BGIBTS	13.0		43 0 0)	0	0 0) (0 0	0	0 0	0	0	0 (n	0	0 0	0 0	0	0 0) 0	n	0 0 0	0	0 0	0	0	0	0 () (0 () 0	0	0 0	0	0 0
1.3.811	HUNDRED	0.0	100	0 0 0)	0	0 0) (0 0	0	0 0	0	0	0 (n	0	0 0	0 0	0	0 0) 0	n	0 0 0	0	0 0	0	0	0	0 () (0 () 0	0	0 0	0	0 0
1.3.822		1.9	96	2 0 0)	0	0 2) (0 0	0	0 0	0	0	0 (0	0	0 0	0 0	0	0 0) 0	n	0 0 0	0	0 0	0	0	0	0 () (0 () 0	0	0 0	0	0 0
1.3.826	OPENBKS	0.0	+	67 33 0)	0	0 0	_	0 0	0	0 0	0	0	0 (0	0	0 0	0 0	0	0 0) 0	0	0 0 0	0	0 0	0	0	0	0 () (0 () 0	0	0 0	0	0 0
1.3.827	SOLCERT	18.0		0 56 0)	0	0 6	5 (0 0	0	0 0	0	0	0 (0	0	0 0	0 0	0	0 0) 0	0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0	0 0	0	0	0	0) (0	0	0	0 0	0	0 0
1.3.828	OPEN.BKS	0.0	88	12 0 0)	0	0 0) (0 0	0	0 0	0	0	0 (0	0	0 0	0 0	0	0 0) 0	0	0 0 0	0	0 0	0	0	0	0 () (0	0	0	0 0	0	0 0
	BTCOIN	11.5	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
1.3.849	BTSR	1.9	86	14 0 0)	0	0 0) (0 0	0	0 0	0	0	0 (0	0	0 0	0 0	0	0 0) 0	0	0 0 0	0	0 0	0	0	0	0) (0	0 0	0	0 0	0	0 0
1.3.850	OPEN.ETH	0.1	89	10 0 0)	0	0 0) (0 0	0	0 0	0	0	0 (0	0	0 0	0 0	0	0 0	0	0	0 0 0	0	0 0	0	0	0	0) (0	0	0	0 0	0	0 0
1.3.854	OPEN.MUSE	487.9	89	11 0 0)	0	0 0) (0 0	0	0 0	0	0	0 (0	0	0 0	0 0	0	0 0	0	00	0 0 0	0	0 0	0	0	0	0) (0	0	0	0 0	0	0 0
1.3.855	OPEN.NBT	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
1.3.858	OPEN.DASH	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
1.3.859	OPEN.LTC	0.1		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
1.3.860	OPEN.DOGE	34.2	1	86 14 0)	0	0 0) (0 0	0	0 0	0	0	0 (0	0	0 0	0 0	0	0 0	0	0	0 0 0	0	0 0	0	0	0	0 () (0 (0	0	0 0	0	0 0
1.3.861	OPEN.BTC	0.0	89	10 0 0)	0	0 0) (0 0	0	0 0	0	0	0 (0	0	0 0	0 0	0	0 0	0	0	0 0 0	0	0 0	0	0	0	0 () (0 (0	0	0 0	0	0 0
1.3.897	BTCPLUS	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
1.3.921	CASH.USD	0.8	100	0 0 0)	0	0 0) (, I	0	0 0	0	0	0 (0	0	0 0	0 0	0	0 0	0	0	0 0 0	0	0 0	0	0	0	0 (0 (0 (0	0	0 0	0	0 0
1.3.924	PEERPLAYS	0.0	-	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	0 0
1.3.933	MKR	0.0		8 0 0			0 0		- 10	0	0 0	0	0		0	-	0 0	0 0	0	0 0	,		0 0 0	0	0 0	0	-	-	0 (,	0 (0	-	0 0	0	0 0
1.3.938	REPUTATION	0.0	1.0	0 57 0)	0	0 0	,	- 1	0	0 0	0	0	0 (0	0	0 0	0 0	0	0 0	0	ט	0 0 0	0	0 0	0	0	0	0 () (0 (0	0	0 0	0	0 0
1.3.943	CADASTRAL	4.9	88	12 0 0)	U	0) (- 10	0	0 0	0	0	0	U	U	0	0 0	0	0 0) 0	ט	0 0	0	0 0	0	0	0	0) (U () 0	0	0 0	0	0 0
1.3.950	CAYMAN	0.3	92	8 0 0)	U	0) (- 10	0	0 0	0	0	0	U		0 0	0 0	0	0 0) 0	ט	0 0	0	0 0	0	0	0	0 () (0) 0	-	0 0	0	0 0
1.3.956	BTSPLUS OPEN STEEM	0.1	97	3 0 0)	0	0 0	<u> </u>	0	0	0 0	0	0	0 (U	_	0 0	0 0	0	0 0) 0)	0 0 0	0	0 0	0		0	0 0) (0) 0	0	0 0	0	0 0
1.3.973	OPEN LISK	36.4	87	100 0 0)		0 0		9 9	0	0 0	0	0	0 (0	_	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	0 0	0	0 0) 0	ח	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0	0 0	0			0 0) (0 0) 0	0	0 0	0	0 0
1.3.977	OPEN.LISK OPEN.DGD	25.2 0.1	-	12 0 0 11 0 0)	0	0 0			0	0 0	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) 0	0	0 0	0	0 0
1.0.0/0	OT LITINGE	10.1	UJ	I U	,	U	V [U	,	. 10	Į V	10 10	Į v	J J	·	·	~	0	10 10	U	10 0	, 10	-	5 0 0	Įυ	10 10	Į U	I O	U .	·	·	·	, 10	l O	lo lo	10	10 10

Asset ID	Symbol	Quantity	Transfer Operation %	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 Operation %	Asset Reserve %	Asset Fund Fee Pool %	Asset Settle %	Asset Global Settle %	Asset Publish Feed	Witness Create %	Witness Update %	Proposal Create %	Proposal Update %		Withdraw Permission Create %	ıdraw Upda	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 Operation %	Assert Operation %	Balance Claim %	Override Transfer %	Transfer to Blind %	Blind Transfer %	Transfer from Blind %	Asset Settle Cancel %	Asset Claim Fees % FRA Distribution %	FDA Danamana
1.3.984	WORTHMORE	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	
1.3.996	YASHA	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	
1.3.998	WETSTOCK	0.0	72	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	
1.3.999	DRYSTOCK	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	
1.3.1005	OPEN.DAO	36.9	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	
1.3.1006	ICOO	7.4	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	
1.3.1010	SPIES	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	
1.3.1013	RETAILSET	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	
1.3.1019	SASOL	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	
1.3.1020	OPEN.MKR	1.0	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	
1.3.1022	LISK	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	
1.3.1048	BIBAO	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	
1.3.1053	YINCOIN	2.7	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	

Table 12. 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.

Asset ID	Symbol	Quantity	Transfer Operation %	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 %	date Bit			Asset Reserve %	Asset Fund Fee Pool %	Asset Settle %	Asset Global Settle %	Asset Publish Feed	Witness Create %	Witness Update %	Proposal Create %	=	Proposal Deletion %	Withdraw Permission Create %	Withdraw Permission Undate %	Withdraw Permission	Withdraw Permission	<u>_</u>	Committee Member Update %	J _O	Vesting Balance Create %	Vesting Balance Withdraw %	Worker Create %	Custom Operation %	Assert Operation %	Balance Claim %	Override Transfer %	Transfer to Blind %	Blind Transfer %	Transfer from Blind %	Asset Settle Cancel %	Asset Claim Fees %	FBA Distribution %
1.3.0	BTS	1,174,875.9	9 2	1	0 0	C	0 2	24	0	0	54	0	14 1	(0 0	0	0		0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0 0	J
1.3.105	SILVER	0.0	67	26	7 0	C	0 ()	0	0	0	0	0 0	(0 0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (J
1.3.106	GOLD	0.0	0	100	0	C	0 ()	0	0	0	0	0 0	(0 0	0	0	- (0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (J
1.3.113	CNY	7.5	90	8	0 0	C	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 (J
1.3.118	GBP	0.0	0	100	0	C	0 ()	0	0	0	0	0 0	(0 0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (J
1.3.120	EUR	0.0	0	0	100 0	C	0 ()	0	0	0	0	0 0	(0 0	0	0	- (0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (J
1.3.121	USD	0.1	80	19	1 0	C	0 ()	0	0	0	0	0 0	(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 (J
1.3.349	TRADE.LTC	0.0	0	0	100 0	C	0 ()	0	0	0	0	0 0	(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 (J
1.3.350	TRADE.BTC	0.0	97	3	0 0	C	0 ()	0	0	0	0	0 0	(0 0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (3
1.3.397	ALTFUND	0.1	0	100	0 0	C	0 ()	0	0	0	0	0 0	(0 0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (o l
1.3.422	AWCOIN	26.5	100	0	0 0	C	0 ()	0	0	0	0	0 0	(0 0	0	0	(0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (o o
1.3.554	ELECTROTAXI	28.0	100	0	0 0	C	0 ()	0	0	0	0	0 0	(0 0	0	0	(0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (o o
1.3.562	OBITS	9.2	96	4	0 0	C	0 ()	0	0	0	0	0 0	(0 0	0	0	- (0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (o o
1.3.569	OPENBTC	0.0	99	0	1 0	C	0 ()	0	0	0	0	0 0	(0 0	0	0	- (0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (o o
1.3.585	QBITS	9,625.4	93	2	0 0	C	0 ()	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 (υ
1.3.590	OPENMUSE	28.6	48	51	0 0	C	0 ()	0	0	0	0	0 0	(0 0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (ο
1.3.599	TRADE.MUSE	112.8	98	2	0 0	C	0 ()	0	0	0	0	0 0	(0 0	0	0		0	0	0	0	0	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	C	0 ()	0	0	0	0	0 0	(0 0	0	0		0	0	0	0	0	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	17.5	96	3	0 0	C	0 ()	0	0	0	0	0 0	(0 0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0
1.3.616	GREENPOINT	0.0	0	100	0 0	C	0 ()	0	0	0	0	0 0	(0 0	0	0	-	0	0	0	0	0	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	0.1	0	100	0 0	C	0 ()	0	0	0	0	0 0	(0 0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (δ
1.3.629	IOU.ABC	0.0	0	0	100 0	C	0 ()	0	0	0	0	0 0	(0 0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0
1.3.670	MEGUSTA	1.1	99	1	0 0	C	0 ()	0	0	0	0	0 0	(0 0	0	0		0	0	0	0	0	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	99	1 0	C	0 ()	0	0	0	0	0 0	(0 0	0	0		0	0	0	0	0	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	0.1	38	15	46 0	C	0 ()	0	0	0	0	0 0	(0 0	0	0		0	0	0	0	0	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	0.3	10	87	3 0	C	0 ()	0	0	0	0	0 0	(0 0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0
1.3.776	OPENPOS	0.3	98	2	0 0	C	0 ()	0	0	0	0	0 0		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
1.3.790	TRADE.DOGE	93.2	100	0	0 0	C	0 ()	0	0	0	0	0 0		0 0	0	0		0	0	0	0	0	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	COPPERTICKET		0	0	100 0	C	0 ()	0	0	0	0	0 0		0 0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0
1.3.802	PEWPS	14.7	0	100	0 0	C	0 (0	0	0	0	0 0		0 0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0
1.3.808	BGIBTS	3.1	91	9	0 0	C	0 ()	0	0	0	0	0 0		0 0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0
1.3.814	OPEN.EMC	0.0	0	0	100 0	C	0 (0	0	0	0	0 0	(0 0	0	0		0	0	0	0	0	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										1	1																						-		

Asset ID	Symbol	Quantity	Transfer Operation %	Limit Order Create % Limit Order Cancel %	order Update	Fill Order %	Account Create %	Account Update %	Account Whitelisting %	Account Upgrade %	Account Transfer %	set Create	Asset Update %	date Bit	Producers % Asset Issue Operation %			Asset Settle %	Asset Global Settle %	Asset Publish Feed	Witness Create %	Witness Update %	Proposal Create % Proposal Update %		thdrav	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 %	ker Cre	Custom Operation %	. l è	Datance Claim % Override Transfer %	Transfer to Blind %	Blind Transfer %	Transfer from Dillia 70	nncer	
1.3.822	COMPUCEEDS	0.4	89	9 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
1.3.825	IOU.LUCKY	0.2	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
1.3.826	OPENBKS	0.0	0	0 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
1.3.827	SOLCERT	7.0	43	0 14	0	0	0	43	0	0	0	0 0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0
1.3.828	OPEN.BKS	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
1.3.839	SHAREBIT	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
1.3.849	BTSR	3.9	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
1.3.850	OPEN.ETH	0.1	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	0
1.3.854	OPEN.MUSE	170.7	73	26 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
1.3.855	OPEN.NBT	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
1.3.857	OPEN.PPC	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
1.3.858	OPEN.DASH	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
1.3.859	OPEN.LTC	0.0	86	14 0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0
1.3.860	OPEN.DOGE	241.5	75	16 0	0	0	0	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
1.3.861	OPEN.BTC	0.0	84	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	0
1.3.897	BTCPLUS	0.0	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
1.3.907	WECHAT	0.3	0	0 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
1.3.921	CASH.USD	9.2	100 60	38 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
1.3.924	PEERPLAYS MKR	0.1	87	12 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
1.3.943	CADASTRAL	0.0	93	6 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
1.3.946	KITTY	1,109.4	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
1.3.950	CAYMAN	0.5	88	12 0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0 0	0	0	0 0	0) 0	0	0	0	0	0 0	0	0	0
1.3.966	MILLLIONTDD	-	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
1.3.970	FUNC	0.9	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
1.3.976	CASH.BTC	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
1.3.977	OPEN.LISK	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	$\frac{0}{0}$	0	0	0	0	0	0	0 0	0	0	0
1.3.979	OPEN.DGD	0.0	89	11 0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0
1.3.980	FIMKRYPTO	76.8		63 0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0
1.3.983	WORTHLESS	88,056.0	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
1.3.984	WORTHMORE	0.0	87	13 0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0
1.3.996	YASHA	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	0
1.3.998	WETSTOCK	0.1	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
1.3.999	DRYSTOCK	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
1.3.1005	OPEN.DAO	14.8	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
1.3.1006	ICOO	3.0	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
1.3.1010	SPIES	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
1.3.1013	RETAILSET	0.0	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
1.3.1018	TRANS.DAO	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
1.3.1020	OPEN.MKR	0.7	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		285.4	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
	ARTHURCOIN	44.0	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
	OPEN.HEAT	3,026.7	99	1 0	0	0	0	+	0	0	<u> </u>	0 0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0		0 0		•	0 0	0	, 0	0	0		•	0 0	0	0	0
	CRYPTOCEEDS		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
	SSTEEM	0.3	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	U	0 0	0	U	0 0	0	0	0	0	0	0	0 0	0	0	0
	OPEN DEGG	6.4	91	9 0	0	0	0	0	0	0	U	0 0	0	0	0	0	0	0	U	0 0	0	0	0	0	0	0	U	0 0	0	U	0 0	0	0	0	0	0	U	0 0	0	0	0
	OPEN.DEOS	56.9	100		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	Ü	•	0 0	0	0	0
1.3.1080	FAISAL	0.4	0	100 0	0	0	0	0	0	0	υ	0 0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0 0	U	U	0 0	0	0	0	0	0	0	υ 0	0	0	0

Table 13. Fees collected by blockchain during 2016-08 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 Operation %	Limit Order Create %	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	Asset Issue Operation %	set Reserve %		Asset Settle % Asset Global Settle %	Asset Publish Feed Witness Create %	Witness Update %		Proposal Update %	Proposal Deletion %	Withdraw Permission Create % Withdraw Permission	Update % Withdraw Permission	Claim % Withdraw Permission Delete %	ommittee Member Create %	Committee Member Update % Com. Mem. Update Global Parameters %	Vesting Balance Create %	Vesting Balance Withdraw % Worker Create %	Custom Operation %	Assert Operation %	Balance Claim %	Ė,	Transfer to build % Blind Transfer %	Transfer from Blind % Asset Settle Cancel %	sset Claim F
1.3.0	BTS	2,267,779.9	0 1	0	0 0	0	50	0		30 0	15	1	0 0) 0	0	0	0 0	0	0 0		,	0 0	0	0	Ŭ N	0 0	•	1 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	15	0	0 0	0 () 0	0	0	0 0	0	0 0		n	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		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
1.3.106	GOLD	0.0			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
1.3.113	CNY	7.4	_	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
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
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
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
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
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
1.3.555	HRYVNA	0.0	0	91 100	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
1.3.557 1.3.562	QWERTY OBITS	5.2	92	7	1 0	0	0	0	0 () 0) 0	0	0 0	0 () 0	0	0	0 0	0	0 0		n	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	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
1.3.585	QBITS	9,639.6	94	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
1.3.590	OPENMUSE	115.9	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
1.3.592	METAEX.BTC	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
1.3.599	TRADE.MUSE	223.4	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
1.3.607	PERKS	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
1.3.609	IOU.CNY	1.6	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
1.3.614	GSTAMP	5.7	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
1.3.629 1.3.670	IOU.ABC MEGUSTA	8.1 0.3	98 96	2	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
1.3.745	BLOCKCHAINF UND			0	0 0	0	0	10	0 0) 0	0	0	0 0	0 0	0 0	0	0	0 0	0	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	0.3	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
1.3.757	OPEN.USD	0.1		62	0 0	0	0	0	0 () 0	0	0	0 0	0 (0	0	0	0 0	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	0.1	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
1.3.766	OPEN.EUR	0.2	8	92	0 0	0	0	0	0 (0	0	0	0 0	0 (0	0	0	0 0	0	0 0) (0	0 0	0	0	0	0 0	0	0 0	0	0	0	0 0	0	0 0	0 0
1.3.776	OPENPOS	0.4	90	10	0 0	0	0	0	0 (0	0	0	0 0	0 (0	0	0	0 0	0	0 0) (0 (0 0	0	0	0	0 0	0	0 0	0	0	0	0 0	0	0 0	0 0
1.3.808	BGIBTS	1.9	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
1.3.822	COMPUCEEDS	1.9	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
1.3.827	SOLCERT	18.0			56 0	0	0	0	0 () 0	0	0	0 0	0 (0	0	0	0 0	0	0 0) (0 (0 0	0	0	0	0 0	0	0 0	0	0	0	0 0	0	0 0	0 0
1.3.832	BTCOIN BTSR	10.5	98	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
1.3.850	OPEN.ETH	0.1	93	7	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	0	0 0	0	0 0	0 0
1.3.854	OPEN.MUSE	71.3	_	41	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
1.3.855	OPEN.NBT	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
1.3.857	OPEN.PPC	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
1.3.858	OPEN.DASH	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
1.3.859	OPEN.LTC	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
1.3.860	OPEN.DOGE	29.4	_	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
1.3.861	OPEN.BTC	0.0	84	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
1.3.897	BTCPLUS	0.0	63	34	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	0	0 0	0	0	0	0 0	0	0 0	0 0
1.3.899	ENTREPRENEU R	3.4	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 0
1.3.907	WECHAT	2.9	100	0	0 0	0	0		0 0	,	, 0	_	0 0	0 () 0	0	0	0 0	0	0 0	- 1		$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	0	0	•	0 0	0	0 0	0	0	•	0 0	0	0 0	0 0
1.3.921 1.3.924	CASH.USD PEERPLAYS	0.0	100	85	3 0	0	0		0 () 0	0	•	0 0	0 0) 0	0	0	0 0	0	0 0	, ,)	0 0	n	- I	•	0 0	0	0 0	0	0	0	0 0	0	0 0	0 0
1.3.933	MKR	0.0	_	19	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	0 0	0	0	0	0 0	0	0 0	0 0
1.3.943	CADASTRAL	1.7		8	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
1.3.950	CAYMAN	0.5	78	22	0 0	0	0	0	0 () 0	0	0	0 0	0 (0	0	0	0 0	0	0 0	0	0 (0 0	0	0	0	0 0	0	0 0	0	0	0	0 0	0	0 0	0 0
1.3.970	FUNC	1.9	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
1.3.977	OPEN.LISK	6.4	88	12	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
1.3.979	OPEN.DGD	0.1	_	14	0 0	0	0	-	0 (0		0 0	0 (0	0	0	0 0	0	0 0	-		0 0	0			0 0	0	0 0	0	-	•	0 0	0	0 0	0 0
1.3.980	FIMKRYPTO	246.7	81	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

Asset ID	Symbol	Quantity	Transfer Operation %	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 Operation %	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 Operation %	Assert Operation %	Balance Claim %	Override Transfer %	Transfer to Blind %	Blind Transfer %	Transfer from Blind %	Asset Settle Cancel %		FBA Distribution %
1.3.984	WORTHMORE	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	
1.3.994	JINBI	21.3	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	
1.3.998	WETSTOCK	0.0	89	11 () () (0	0	0	0	0	0	0 ()	0	0 0	()	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	
1.3.999	DRYSTOCK	0.0	86	14 () () (0	0	0	0	0	0	0 ()	0	0 0	()	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	
1.3.1005	OPEN.DAO	1.9	0	98 2	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	
1.3.1006	ICOO	0.9	82	17	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	
1.3.1010	SPIES	0.0	99	0 1	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	
1.3.1013	RETAILSET	0.0	88	12 () () (0	0	0	0	0	0	0 ()	0	0 0	()	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	
1.3.1042	OPEN.USDT	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	
1.3.1044	OPEN.MAID	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	
1.3.1045	OPEN.EURT	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	
1.3.1056	FIMK	139.9	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	
1.3.1064	OPEN.HEAT	896.2	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	
1.3.1065	CRYPTOCEEDS	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	
1.3.1069	OPEN.ARDR	3.0	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	
1.3.1070	OPEN.SBD	8.5	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	
1.3.1079	OPEN.DEOS	41.3	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	
1.3.1080	FAISAL	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	
1.3.1081	ETCOIN	0.3	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	
1.3.1100	RISKER	0.2	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	
1.3.1104	BLKONE	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	
1.3.1110	PINGAN	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	
1.3.1111	JIANKANG	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	
1.3.1112	ENTER	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	
1.3.1113	HELLO	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	
1.3.1114	WENHUA	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	
1.3.1115	BAOXIAN	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	
1.3.1116	BAIDU	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	
1.3.1117	TMALL	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	
1.3.1118	HOTEL	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	
1.3.1126	CNRMB	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	

Table 14. 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.

Asset ID	Symbol	Quantity	Transfer Operation %	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 Operation % Asset Reserve %	Accet Fund Fee Dool %	set Settle %	Asset Global Settle %	Asset Publish Feed	Witness Create %	Witness Update %	Proposal Create %	Proposal Update %	Proposal Deletion %	Withdraw Permission Create %	Withdraw Permission Update %	ıdraw Clai	:≓	Committee Member Create %	tee Me date %	Com. Mem. Opdate Giobal Parameters %	Vesting Balance Create %	%	Worke	Custom Operation %	Assert Operation %	Balance Claim %	Override Transfer %	Transfer to Blind %	Blind Transfer %	Transfer from Blind %	Asset Settle Cancel %	Asset Claim Fees %	FBA Distribution %
1.3.0	BTS	1,901,339.	.5 1	0	0	0	0	39	0	0	29	0	28 () (0		0 0	0	0	0	1	0	0	0	0	0	0	0	0 (0	0	0	0	1	1	0	0	0	0	0	0) () (0	0	
1.3.103	BTC	0.0	97	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 ر	0 ر	
1.3.105	SILVER	0.0	0	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 (
1.3.106	GOLD	0.0	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 ر	
1.3.113	CNY	2.7	88	12	0	0	0	0	0	0	0	0	0 () (0	(0 0	0	0	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	0.1	84	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	
1.3.130	HLP	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	
1.3.350	TRADE.BTC	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	
1.3.362	DOGECOIN	97.2	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) () (c	0	0	
1.3.397	ALTFUND	999.8	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) () (c	0 (0 (
1.3.422	AWCOIN	104.1	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) () (c	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) () (c	0 ر	0 ر	
1.3.541	AIWCNY	1.3	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) () (c	0 ر	0 ر	
1.3.552	TIPSHARES	0.3	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	

			% u	%	% a		%	%	% 81 %				% set %	% uo	,,	% le		pa % a	%	%	%	%	% sion	ion	sion	sion Create	10	Global	ate %	ndraw		% %	%	%	% p	% P			%
Asset ID	Symbol	Quantity	Transfer Operation	Limit Order Cancel %	Call Order Update	Fill Order %	Account Create	Account Update	unt Whitelisting	ount Trans	Asset Create %	Asset Update %	Asset Update BitAsset	Asset Opdater Feed Producers % Asset Issue Operation	sset Reserv	Asset Fund Fee Pool	Asset Settle %	et Global Settle set Publish Fee	Witness Create		Proposal Create	Proposal Update	Proposal Deletion Withdraw Permiss Create %	Withdraw Permiss Update %	Withdraw Permiss Claim %	Withdraw Permiss Delete %	% mmittee Mem	Update % n. Mem. Update Global Parameters %	æ	ance Wit	r Create	Custom Operation Assert Operation	Balance Claim 9	Override Transfer	Transfer to Blind %	Dund transler 70 Transfer from Blind	ttle C	set Claim Fees	FBA Distribution
					Call		A	ΑC	Account	Ac Ac		Ą	As	Asset	*	Asse		Asset	3	*	P.			Wit	Wit	ರಿ	٥	Com.]	Vestin	Vesting Bal			В	Ove	Tr.	Tran	Asset	As	FB
1.3.554		24,741.5	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	\dashv
1.3.555		24,886.0 2.9	0 100 86 13	1	0	0	0	0 (0 0	0	0	0	$\begin{array}{c c} 0 & 0 \\ \hline 0 & 0 \end{array}$	0	0 0	0	0	0	0	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			3 97	0	0	0	0	0 (0 0	0	0	0	$\begin{array}{c c} 0 & 0 \\ \hline 0 & 0 \end{array}$	0	0 0	0	0	0	0	0	0 0) (0	0	0 ($\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	0	0	0	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	0	0	0	0 0	0	0	0	0 0	\dashv
1.3.585	QBITS	8,264.4	92 6	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	
1.3.590	OPENMUSE	10,200,0	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	
1.3.599			2 98	0	0	0	0	0 (0 0	0	0	0	0 0	0	0 0	0	0	0	0	0	0 0	<u></u> `	, 0	0	0 (0 0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	
1.3.607			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	_
1.3.609			85 15 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	\dashv
1.3.629			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	\dashv
1.3.659			0 0	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	\neg
1.3.670			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	\Box
1.3.746			96 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	
1.3.757			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	$\begin{vmatrix} 0 & 0 \\ 0 & 0 \end{vmatrix}$	\dashv
1.3.766	OPEN.CNY	30.5	0 100 0 100		0	0	0	0 (0 0	0	0	0	$\frac{0}{0}$	0	0 0	0	0	0	0	0	0 0) () 0	0	0 (0 0	0	0	0	0 0	0	0	0	0 0) 0	0	0	0 0	\dashv
1.3.771			0 100	_	0	0	0	0 (0 0	0	0	0	$\begin{array}{c c} 0 & 0 \\ \hline 0 & 0 \end{array}$	0	0 0	0	0	0	0	0	0 0) (0	0	0 0	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	0	0	0	$\begin{array}{c c} 0 & 0 \\ \hline 0 & 0 \end{array}$	0	0	0	0 0	0	0	0	0 0	=
1.3.776		-	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	\neg
1.3.790	TRADE.DOGE	14.7	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	
1.3.806		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	
1.3.808			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	_
1.3.809		0.0 12.7	0 100 9 91	0	0	0	0	0 (0 0	0	0	0	$\begin{array}{c c} 0 & 0 \\ \hline 0 & 0 \end{array}$	0	0 0	0	0	0	0	0	0 0) (0	0	0 (0 0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	-
1.3.825			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	=
1.3.826	OPENBKS		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	\neg
1.3.827	SOLCERT		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	
1.3.829	SUGAR	1,858.1	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	
1.3.832		_,	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	
1.3.849			15 85	0	0	0	0	0 (0 0	0	0	0	0 0	0	0 0	0	0	0	0	0	0 0) (0	0	0 (0 0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	_
1.3.850	OPEN.ETH OPEN.MUSE	0.1 10,072.5	95 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	\dashv
1.3.856		0.0	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	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	-
1.3.857			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	\exists
1.3.858	OPEN.DASH	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	
1.3.859		***	0 96	4	0	0	0	0 (0 0	0	0	0	0 0	0	0 0	0	0	0	0	0	0 0	<u> </u>	- 1	0	0 (0 0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	
1.3.860		,	0 100	0	0	0	0	0 (0 0	0	0	0	0 0	0	0 0	0	0	0	0	0	0 0	<u> </u>	- 1	0	0 (0 0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	_
1.3.861	OPEN.BTC ZARBTS		86 14 0 100	0	0	0	0	0 (0 0	0	0	0	$\begin{array}{c c} 0 & 0 \\ \hline 0 & 0 \end{array}$	0	0 0	0	0	0	0	0	0 0) (, 0	0	0 (0 0	0	0	0	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	0	0	0	0 0	0	0	0	0 0	\dashv
	KOKADUKATS		0 100		+	0	0	0 (9 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	\dashv
1.3.897		0.0	1 99	0	+		-	0 (- 1	0	+	-	0 0		0 0	0	0	0	0	-	0 0			0	0 (<u> </u>	0	- 0	0	0 0	0	0	0	0 0	0	0	-	0 0	\dashv
1.3.911	MINUTES	2,500.0	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	
1.3.913			0 100		0	-	0	0 (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	\Box
1.3.921			100 0	0	-	0	0	0 (9 0	0	0		0 0	0	0 0	0	0	0	0	0	0 0	, ,	, ,	0	0 (<u> </u>	0	- 0	0	0 0	0	0	0	0 0	0	0	-	0 0	_
			46 52	1	-		0	0 (, j	0	-	-	0 0		0 0	0	0	0	0	0	0 0	`		0	0 (<u> </u>	0		0	0 0	0	0	0	0 0	0	0	0	0 0	\dashv
1.3.933 1.3.943			98 2 1 99	0	0	0	0	0 ($\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	0	0		$\begin{array}{c c} 0 & 0 \\ \hline 0 & 0 \end{array}$	0	0 0	n	0	0	0	0	0 0	`		0	0 0	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	0	- I	0	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	0	0	0	0 0) 0	0	0	0 0	\dashv
1.3.945			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	\dashv
1.3.950	CAYMAN	15.9	1 99	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	0	0 0	0	0	0	0 0	\dashv
1.3.952			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	
	MILLLIONTDD		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,. 01.0	0 100	0	+	0	0	0 (0 0	0	+	0	0 0	- 1	0 0	0	0	0	0	0	0 0		- 1"	0	0 (0 0	0		0	0 0	0	0	0	0 0	0	0	0	0 0	_
1.3.977			83 13 93 7	4	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	0	0 0	0	0	0	$\begin{vmatrix} 0 & 0 \\ 0 & c \end{vmatrix}$	\dashv
1.3.979			93 7 0 100	0	0		0	0 ($\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	0	0		$\begin{array}{c c} 0 & 0 \\ \hline 0 & 0 \end{array}$	0	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	0	0	0	0	0	0 0		- 1	0	0 0	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	0	0	0	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	0	0	0	0 0	0	0	0	0 0	\dashv
1.3.984			0 100		0		0	0 (- 10	0	0	-	0 0	0	0 0	0	0	0	0	0	0 0		- 1	0	0 0	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	0		0	$\begin{array}{c c} 0 & 0 \\ \hline 0 & 0 \end{array}$	0	0	0	0 0	0	0	-	0 0	\dashv
1.3.986		0.0	0 100		0		0	0 (J -	0	0	-	0 0	0	0 0	0	0	0	0	0	0 0	,		0	0 (0 0	0		0	0 0	0	0	0	0 0	0	0	0	0 0	\dashv
1.3.987	CLINTON		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	
1.3.988	SANDERS	-,	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	
1.3.994	JINBI	4.2	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	

Asset ID	Symbol	Quantity	Transfer Operation %	Limit Order Create %		Call Order Update %	Fill Order %	Create	Account Update %		Account Upgrade %		Asset Create %	Asset Update BitAsset %	Asset Update Feed Producers %	Asset Issue Operation %	Asset Reserve %	Asset Fund Fee Pool %	Asset Settle %	Asset Global Settle %	Asset Publish Feed	Witness Create %	Witness Update %		roposal Update	Proposal Deletion %	Withdraw Permission Create % Withdraw Permission	Update % Withdraw Permission	Withdraw Permission	Delete % Committee Member Create %	Committee Member Update %	Com. Mem. Update Global Parameters %	Vesting Balance Create %	Vesting Balance Withdraw %	Worker Create %	Custom Operation %	Assert Operation %	Claim %	Transfer	Transfer to Blind %	Blind Transfer %	Transfer from Blind %	et Setue Cancel	Asset Claim Fees % FBA Distribution %
1.3.998	WETSTOCK	4.3	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
1.3.999	DRYSTOCK	4.8	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
1.3.1005	OPEN.DAO	0.6	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
1.3.1006	ICOO	0.2	53	46 (0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0	0	0	0	0	0	0	0	0
1.3.1010	SPIES	0.0	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
	RETAILSET	4.1	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
1.3.1017	ARS	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
	SASOL	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
	OPEN.MKR	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
	LISK	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
	OPEN. A GPG	0.1	82	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
1.3.1043	OPEN MAID	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
1.3.1044	OPEN AMP	0.3	99	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
1.3.1046	OPEN.AMP GRIDCOIN	0.3	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
	FIMK	10,011.2	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
1.3.1061	ARTHURCOIN	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
1.3.1064	OPEN.HEAT	26.7	0	99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 () 0) 0	0	0	0	0	0	0	0
	CRYPTOCEEDS		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
	SSTEEM	3,668.3	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
1.3.1069	OPEN.ARDR	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
1.3.1071	HONGLI	146.2	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
1.3.1072	BLOCKPAY	56.0	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
1.3.1077	ETHWAR	3,667.2	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
1.3.1079	OPEN.DEOS	6.0	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
	ETCOIN	0.1	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
	BTSBUG	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
1.3.1100	RISKER	0.5	51	49 (0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0	0	0	0	0	0	0	0	0
1.3.1108	PAYMASTER	1.0	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
1.3.1109	YYBTS	309,367.7	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
1.3.1127	VIDEO	3,669.0 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
1.3.1128 1.3.1129	SOUND	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
1.3.1129		3,669.0	0	100) 0	0	-		0	0	0	0	0	0	0	0	0	0	Ü	0	0 0	. 0	0	- 0	0	0	0	0	0	0	0	0	0	0	0 (, 0) 0	0	0	0	0	0	0	0
1.3.1131		3,669.0	0	100) 0	0	0	- 1	0	0	0	0	0	0	0	0	0	•	Ů	0	0 0		0	0	0	0	0	0	0	0	0	0	0	0	0 (, 0) 0	0	0	0	0	0	0	0
1.3.1132		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
1.3.1133		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
1.3.1139		508.1	13	87	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	0	0	-		0	0	0
1.3.1140		1.0	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
	SURPRISE	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
1.3.1144		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
1.3.1146		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
1.3.1152	OPEN.GRC	1.5	0	99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 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.GAME	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

Table 15. 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.

Asset ID Symbol	Quantity Transfer Operation % Limit Order Create % Limit Order Cancel % Call Order Update %	Account Create % Account Update % Account Whitelisting %	Account Upgrade % Account Transfer % Asset Create %	Asset Update % Asset Update BitAsset % Asset Update Feed Producers % Asset Issue Operation % Asset Reserve %	Asset Fund Fee Pool % Asset Settle % Asset Global Settle % Asset Publish Feed	Witness Create % Witness Update % Proposal Create %	roposal l roposal I ithdraw Crea Crea Upda ithdraw Upda	Withdraw Permission Delete % Committee Member Create % Committee Member Update % Com. Mem. Update Global Parameters % Vesting Balance Create % Vesting Balance Withdraw %	Worker Create % Custom Operation % Assert Operation % Balance Claim %	Override Transfer % Transfer to Blind % Blind Transfer %	Transfer from Blind % Asset Settle Cancel % Asset Claim Fees % FBA Distribution %
1.3.0 BTS	3,199,896.8 0 0 0 0 0	33 0 0	5 0 60	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

			% u	% et	% lei	% a:		%	%	% Bu		% % %	%	set %		% uoi	% loc		% a	Feed	%	%	% 3		1 %	sion	sion	sion	Create	ber Global	Create %	ce Withdraw	%		% %	. %		%	% pı	% la	% %	
Asset ID	Symbol	Quantity	Operation	ler Create	ler Cancel %	er Updai	ill Order %	t Create	Update	Whitelisting	ount Upgrade	count Transfer		ite Bit As	pdate Fe ucers %	Operati	آم و	Asset Settle %	Global Settle	Publish Fe	Create	ss Update	l Create	l Update	Deletion v Permis	v Permis late %	v Permis nim %	v Permis lete %	Member %	ommittee Member Update % Mem. Update Global Parameters %	ance Cre	ance Wit %	· Create	1 Operation	peration Pe Claim	Transfe	to Blind %	Blind Transfer	from Blind	tle Cancel %	set Claim Fees	Cribura
Ass	Sy	n _Q	Transfer (Limit Order	Limit Order	Call Order Update	Fill C	Account	Account	Account W	Account	Account Transfer Asset Create %	Asset [Asset Update BitAsset	Asset Update I Producers 9	Asset Issue Operation	Asset Reserv Asset Fund Fee	Asset	Asset Glo	Asset Pu	Witness	Witness	Proposal Create	Proposal Update	Proposal Deletion Withdraw Permiss Create %	Withdraw Per Update	Withdraw Permi Claim %	Withdraw Permi Delete %	Committee Member	Committee Member Update % Com. Mem. Update Glo Parameters %	Vesting Balance	Vesting Bala	Worker	Custom (Assert Operation Balance Claim 9	light light	Transfer	Blind T	Transfer f	Asset Settle	Asset Claim Fees	FDALE
1.3.103	BTC			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	
1.3.105	SILVER		44 4		12	0 0)	0 (0 (0 0	0	0	0	1	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$		0 0	0	0	0 (0	0 (0	0	0	0	0	0 0	(0 0	0	0	0	0 0	0	0	0	0	0	0 (0 0	\dashv
1.3.106 1.3.113	GOLD		0 1 87 1	.00	0	0 0)	0 0	0 0	0 0	0	0	0	0	0 0		0 0	0	0	0 (0	0 () 0	0	0	0	0	$\frac{0}{0}$	(0 0	0	0	0	0 0	0	0	0	0	0	0 ($\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	\dashv
1.3.118	GBP		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	$\begin{array}{c c} \hline 0 & 0 \end{array}$		0 0	0	0	0	0 0	0	0	0	0	0	0	0 0	\dashv
1.3.120	EUR	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	
1.3.121	USD		76 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	_
1.3.138	FUND	,		.00	0	0 0)	0 (0 (0 0	0	0	0	0	0 0		0 0	0	0	0 (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 1.3.397	TRADE.BTC ALTFUND		93 7 0 1	.00	0	0 0)	0 1	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	\dashv
1.3.422	AWCOIN	-	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	$\frac{0}{0}$		0 0	0	0	0	0 0	0	0	0	0	0	0	0 0	\dashv
1.3.541	AIWCNY		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		18 8	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	\Box
1.3.569	OPENBTC		97 3		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 0	\dashv
1.3.585	QBITS OPENMUSE	2,197.0 19,953.3	94 5	.00	0	$\frac{\sigma}{\sigma}$)	0 1	0 1	0 0	0	0	0	0	0 0		0 0	0	0	0	0	0 () 0	0	0	0	0	$\frac{\sigma}{\sigma}$	(0 0	0	0	0	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	0	0	0	0	0	0	$\frac{0}{0}$	\dashv
1.3.599	TRADE.MUSE		3 9		0	0 0)	0 0	0 0	0 0	0	0	0	0	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$		0 0	0	0	0	0	0 0	0	0	0	0	0	$\frac{5}{0}$		0 0	0	0	0	0 0	0	0	0	0	0	0	0 0	\dashv
1.3.607	PERKS	100.0	0 1	00	0	0 0)	0 (0 (0 0	0	0	0	0	0 0		0 0	0	0	0	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	ļ		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	
1.3.670	MEGUSTA			00 (0	0 0)	0 (0 (0 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	_
1.3.734	TCNY		0 0	.00	100	0 0)	0 (0 (0 0	0	0	0		$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$		0 0	0	0	0 (0	0 () 0	0	0	0	0	0 0	(0 0	0	0	0	0 0	0	0	0	0	0	0 (0 0	\dashv
1.3.746 1.3.757	ANTSHARE OPEN.USD		50 0		50	0 0)	0 0	0 0	0 0	0	0	0	l I	0 0		0 0	0	0	0 (0	0 () 0	0	0	0	0	0 0		0 0	0	0	0	0 0	0	0	0	0	0	0	0 0	\dashv
1.3.758	GAMEBET			00 (0	0 0)	0 (0 (0 0	0	0	0	0	$0 \qquad 0$		0 0	0	0	0 (0	0 (0	0	0	0	0	$\frac{0}{0}$	(0 0	0	0	0	0 0	0	0	0	0	0	0	0 0	\exists
1.3.766	OPEN.EUR	0.1	40 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	
1.3.776	OPENPOS		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	_
1.3.802	PEWPS	-10	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	\dashv
1.3.808	BGIBTS COMPUCEEDS		0 1 13 8	00 (0	0 0)	0 0	0 0	0 0	0	0	0	1	$\begin{pmatrix} 0 & 0 \\ 0 & 0 \end{pmatrix}$		0 0	0	0	0 0	0	0 () 0	0	0	0	0	0 0		0 0	0	0	0	0 0	0	0	0	0	0	0 (0 0	\dashv
1.3.825	IOU.LUCKY		0 0		100	0 0)	0	0	0 0	0	0	0	1	$\begin{array}{c c} 0 & 0 \\ \hline 0 & 0 \end{array}$		0 0	0	0	0	0	0 (0	0	0	0	0	$\begin{array}{c c} 0 & 0 \\ \hline 0 & 0 \end{array}$		0 0	0	0	0	0 0	0	0	0	0	0	0	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	\dashv
1.3.826	OPENBKS	0.0	88 0		12	0 0)	0 (0 (0 0	0	0	0	0	0 0		0 0	0	0	0	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	155.9	1 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	\Box
1.3.850	OPEN.ETH		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	_
1.3.854	OPEN.MUSE OPEN.NBT		0 0	.00	100	0 0)	0 0	0 0	0 0	0	0	0	0	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$		0 0	0	0	0 0	0	0 () 0	0	0	0	0	0 0	(0 0	0	0	0	0 0	0	0	0	0	0	0 (0 0	\dashv
1.3.857	OPEN.PPC		 	.00	_	0 0)	0 (0 (0 0	-	0	0	0	- 1-		0 0	0	0	0 (0	0 0) 0	0	- 1	0		$\frac{0}{0}$		0 0	0	Ü	0		0	0	0	0	0	0	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	\dashv
1.3.859	OPEN.LTC			.00	0	0 0)	0	0	0 0	0	0	0	0	0 0		0 0	0	0	0	0	0 (0	0	0	0	0	0 0	(0 0	0	0	0	0 0	0	0	0	0	0	0 (0 0	
1.3.860	OPEN.DOGE	42,305.3	0 1	00	0	0 0)	0 (0 (0 0	0	0	0	0	0 0		0 0	0	0	0	0	0 (0	0	0	0	0	0 0	(0 0	0	0	0	0 0	0	0	0	0	0	0 (0 0	
1.3.861	OPEN.BTC		_	3 (_	0 0)	0 (0 (0 0	0	0	0	0	<u> </u>		0 0	0	0	0 (0	0 (0	0	0	0	0	0 0	(0 0	0	-	0	0 0	0	0	0	0	0	0 (0 0	_
	CASH.USD		0 1 100 0	00 (-	$\begin{array}{c c} 0 & 0 \\ \hline 0 & 0 \end{array}$)	0 /	0 /	0 0	-	0	0	0	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$		$\begin{array}{c c} 0 & 0 \\ \hline 0 & 0 \end{array}$	0	0	0 (0	0 ($\begin{pmatrix} 0 \\ 0 \end{pmatrix}$	0	- 1	0	1	$\begin{array}{c c} 0 & 0 \\ \hline 0 & 0 \end{array}$		0 0	0		0		0	0	0	0	0		0 0	\dashv
	PEERPLAYS			2 :		$\begin{array}{c c} 0 & 0 \\ \hline 0 & 0 \end{array}$)	0	1	0 0	0	0	0	 	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	-	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	0	0	0	0	0 0	0	0	0	0	0	0 0	(0	0	0	0		0	0	0	0	0	0	0 0	\dashv
1.3.933			99 1	. (00	0 0)	0 (0 (0 0	0	0	0	0	0 0		0 0	0	0	0 (0	0 0	0	0	0	0	0	0 0	(0 0	0	0	0	0 0	0	0	0	0	0	0	0 0	\exists
				00		0 0)	0	0	0 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	\Box
	CAYMAN		93 7	`	-	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	Ů	0		0	0	0	0	0	0 (0 0	\dashv
	ALTCAP	0.0		00 0	-	$\begin{array}{c c} 0 & 0 \\ \hline 0 & 0 \end{array}$)	0 /	0 /	0 0		0	0	0			0 0	0	0	0 (0	0 (0	0		0	0	$\begin{pmatrix} 0 & 0 \\ 0 & 0 \end{pmatrix}$		0 0	0	Ů	0		0	0	0	0	0	0 (0 0	\dashv
1.3.970	TOYOTA	3,668,759.3		.00	0	0 0)	0 1	0 1	0 0	0	0	0	0	0 0		0 0	0	0	0	0	0 0) 0	n	0	0	0	0 0	1	0 0	0	0	0	0 0	0	0	0	0	0	0	0 0	\dashv
_	OPEN.STEEM	65.0	 	.00	0	0 0)	0 (0 (0 0	0	0	0	0	0 0		0 0	0	0	0 (0	0 0	0	0	0	0	0	0 0		0 0	0	0	0	0 0	0	0	0	0	0	0	0 0	\dashv
-	OPEN.LISK		0 9		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	
	OPEN.DGD		92 8	-	-	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	0	0 (0 0	\Box
	FIMKRYPTO	· ·	_	00 (0	0 0)	0 0	0 0	0 0	0	0	0	+	0 0		0 0	0	0	0 (0	0 (0	0	0	0	0	0 0	(0 0	0	0	0		0	0	0	0	0	0 (0 0	\dashv
1.3.985	ALTCAP.X TRUMP			00 0	0	$\frac{0}{0}$)	0 1	0 1	0 0	0	0	0	1	$\begin{pmatrix} 0 & 0 \\ 0 & 0 \end{pmatrix}$		0 0	0	0	0	0	0 () 0	0	0	0	0	0 0		0 0	0	0	0	0 0	0	0	0	0	0	0	0 0	\dashv
	UNITEDSTATES		0 0			$\begin{array}{c c} 0 & 0 \\ \hline 0 & 0 \end{array}$)	0	0	0 0	-	0	0	1	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$		0 0	0	0	0	0	0 (0	0	0	0	0	$\frac{0}{0}$	(0	0	0	0		0	0	0	0	0	0	0 0	\dashv
	WETSTOCK		0 1	00		0 0)	0	0	0 0	0	0	0	0	0 0		0 0	0	0	0 (0	0 0	0	0	0	0	0	0 0	(0 0	0	0	0	0 0	0	0	0	0	0	0 (0 0	
	OPEN.DAO			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	\Box
1.3.1006				3 (0 0)	0 (0 (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	\dashv
1.3.1010			0 1 100 0	.00	-	$\begin{array}{c c} 0 & 0 \\ \hline 0 & 0 \end{array}$)	0 1	0 1	0 0		0	0	1	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$		$\begin{array}{c c} 0 & 0 \\ \hline 0 & 0 \end{array}$	0	0	0 (0	0 0	0	0	0	0	l	$\begin{array}{c c} 0 & 0 \\ \hline 0 & 0 \end{array}$	(0 0	0		0		0	0	0	0	0		0 0	\dashv
1.3.1013	RETAILSET	0.0	100 0	· [U	0 0	,	·	u l	v lu	U	Įυ	ľ	ľ	0 0		υ _U	U	U	U	U	u l	, 0	U	U	U	U	0 0	10	u lu	U	U	U	U U	U	U	U	U	١٠	<u>, </u>	<u> </u>	

Asset ID	Symbol	Quantity	Transfer Operation %	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 Operation %	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 Operation %	Assert Operation %	Balance Claim %	Override Transfer %	Transfer to Blind %	Blind Transfer %	Transfer from Blind %	Asset Settle Cancel %	Asset Claim Fees %	FBA Distribution %
1.3.1017	ARS	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 (o l
1.3.1018	TRANS.DAO	0.1	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 (ο
1.3.1019	SASOL	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 (J
1.3.1056	FIMK	3,716.5	1	99 () (0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 /	0	0 (ນ
1.3.1064	OPEN.HEAT	23.5	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 (J
1.3.1065	CRYPTOCEEDS	0.3	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 (J
1.3.1068	OCEANIA	36.7	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 (J
1.3.1070	OPEN.SBD	3.1	90	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 (J
1.3.1072	BLOCKPAY	56.2	1	99 () (0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 /	0	0 (J
1.3.1080	FAISAL	3.2	86	14 () (0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 /	0	0 (J
1.3.1081	ETCOIN	0.2	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 (J
1.3.1100	RISKER	20.3	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 (J
1.3.1139	NIHAO	13.5	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 (J
1.3.1152	OPEN.GRC	23.2	37	63 () (0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0	0 (J
1.3.1159	GAMES	3,668.0	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 (J
1.3.1160	OPEN.GAME	6.3	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 (J
1.3.1161	OPEN.INCNT	22.7	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 (J
1.3.1162	STARS	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 (J
1.3.1164	ELOAD	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 (J
1.3.1165	IOU.XFQ	3,669.3	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 (J
1.3.1168	CRYPTOINDEX	2,333.7	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 (J
1.3.1169	TRANS.ANS	55.0	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 (J
1.3.1183	GAME	146,763.0	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 (J
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (J

Table 16. Fees collected by blockchain during 2016-11 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 Operation %	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 Operation %	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 Operation %	Assert Operation %	Balance Claim %	Override Transfer %	Transfer to Blind %	Blind Transfer %	Transfer from Blind %	Asset Settle Cancel %	Asset Claim Fees %	FBA Distribution %
1.3.0	BTS	1,548,599.3	3 1	1	0	0	0	67	0	0	22	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0 (0	0 0	
1.3.103	BTC	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	
1.3.105	SILVER	0.0	0	86	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	31	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	
1.3.113	CNY	2.7	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	
1.3.118	GBP	0.6	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	45	55 (0	0 0	
1.3.120	EUR	0.6	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	39	60 (0	0 0	
1.3.121	USD	0.7	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	36	56 (0	0 0	
1.3.138	FUND	138,679.5	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	
1.3.350	TRADE.BTC	0.0	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	0	0	0	0	0	0	0	0	0	0 /	0	0 0	
1.3.562	OBITS	1.4	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	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	\neg
1.3.579	OPENDASH	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	
1.3.585	QBITS	3,627.3	95	4	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	\neg
1.3.590	OPENMUSE	0.1	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	\neg
1.3.592	METAEX.BTC	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	\neg
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 0	
1.3.734	TCNY	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	\dashv
1.3.757	OPEN.USD	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	\dashv
1.3.758	GAMEBET	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	\dashv
1.3.766	OPEN.EUR	0.0	67	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	$\overline{}$
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Asset ID	Symbol	Quantity	Transfer Operation %	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 Operation %	Asset Reserve %	Asset Fund Fee Pool %	Asset Settle %	Asset Global Settle %	Publish Fe	Witness Create %	Witness Update %		Proposal Update %	Proposal Deletion %	Withdraw Permission Create %	Withdraw Permission Update %	Withdraw Permission Claim %	Withdraw Permission Delete % Committee Member Create		Update % Com. Mem. Update Global	Parameters % Vesting Balance Create %	Vesting Balance Withdraw %	Worker Create %	Custom Operation %	Assert Operation %	Balance Claim %	Override Transfer %	Transfer to Blind %	Blind Transfer %	Transfer from Blind %	Asset Settle Cancel %	Asset Claim Fees % FBA Distribution %
1.3.776	OPENPOS	0.1	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
1.3.822		6.6	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
1.3.831	DEMNOMCLINT ON	6,221.7	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
1.3.833	WTICRUDE	7.0	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
1.3.849	BTSR	0.1	0	99	. 0) (0	0	0	0	0	0	0)	0	0	0	0	0	0	0	0 0	0	0	0	0) (0 (0 0	0	0	0	0	0	0	0	0	0	0	0 (0	0 0	0	0) 0
1.3.850	OPEN.ETH	0.0	75	25 (0) (0	0	0	0	0	0	0)	0	0	0	0	0	0	0	0 0	0	0	0	0) (0 (0 0	0	0	0	0	0	0	0	0	0	0	0 (0	0 0	0	0) 0
1.3.858	OPEN.DASH	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
1.3.859	OPEN.LTC	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
1.3.860	OPEN.DOGE	0.5			.00 0) (0	0	0	0	0	0	0)	0	0	0	0	0	0	0	0 0	0	0	0	0) (0 (0 0	0	0	0	0	0	0	0	0	0	0	0 (0	0 0	0	0) 0
1.3.861	OPEN.BTC	0.0	80	19 () 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
1.3.868	BOTFUND.USD	1.0	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
1.3.897	BTCPLUS CASH.USD	0.0	100	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
1.3.924	PEERPLAYS	0.2		50 2) 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
1.3.933	MKR	0.0	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
1.3.946		277.4	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
1.3.950		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	C	0
1.3.970	FUNC	0.0	_	97 3	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	C) 0
1.3.973	OPEN.STEEM	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
1.3.977	OPEN.LISK	8.4	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
1.3.979	OPEN.DGD	0.0	0	97 3	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
1.3.980	FIMKRYPTO	3.0	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
1.3.984	WORTHMORE	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
1.3.986	TRUMP	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
1.3.987	CLINTON	14,676.0	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
1.3.1004	BLOCKAR	262.4	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
1.3.1006	ICOO	0.1		29	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
1.3.1010 1.3.1022	SPIES	0.0	100	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
1.3.1022	OPEN.HEAT	2.9	0	100) 0	, (0	0	0	0	0	0	0	ງ າ	0	0	0	0	0	0	0	0 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		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
1.3.1068	OCEANIA	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	C	0
1.3.1070	OPEN.SBD	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	C) 0
1.3.1072	BLOCKPAY	0.9	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
1.3.1109	YYBTS	2,641.7	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
1.3.1139	NIHAO	0.8	0	72 (0) (0	0	28	0	0	0	0)	0	0	0	0	0	0	0	0 0	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	8.1	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
1.3.1161	OPEN.INCNT	0.3	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
	CRYPTOINDEX		_	95 5	- 1	`			-	0	0	-	ļ .		<u> </u>	•	0	0			0	0 0	0	0					0 0	0		0	0	0	-			0	0	0 (0		- 10
1.3.1178		587,054.0	0	100) 0		-		-	0	0	+	0		<u> </u>	•	0	0	-	-	Ü	0 0	-	0					0 0		- -	0	0	0	+			0	0	0 (-	0	- 1	
	KAPITAL	1.2	74		0) (_		-	0	0	0				•	•	0	-	-	0	0 0	0	0)		0 0		- -	0	0	0	+			-	0	0 (0 0	0	- 1	
		2.6	100	-) 0) (-		-	0	0	0	0	,	0		•	0	•		0	0 0	0	0	- 1	-)	0 (0 0		- 1	0	0	0	-	Ĭ		0	U	0 (-	0 0	0	- 1	
1.3.1193		7,338.0	0	100) 0	- 1	-		-	0	0	0	0		•	0		0	•		0	0 0	0	0	- 1	0	.	0 (0 0	0		0	0	0	-	Ĭ	0	U	U	0 (_	- -	0	-	
1.3.1196	OPEN.DCT	0.6	0	95	5 0	(0	0	0	0	0	[0	0)	U	0	U	0	U	0	0	0 0	0	0	0	[0)	υ (0 0	0	0	0	0	0	0	U	0	U	0	0	υ	0 0	0	0	0 0

Table 17. 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.

				% a	% F	%		%	%	% 88	% %			% let	P. S		% 10		%	pa	%	%	%		% ion	ion	ion	ion	Create	Global	ate %	ıdraw	%	%	%	%	% 3	% 1 %	% P	%	% %
Asset ID	logi	ntity	Operation	r Create	r Cancel %	Update	der %	Create	Update	Whitelisting	pgrade	reate %	Update %	≌	late Feed	yperaun	serve % Fee Pool	ettle %	Global Settle	Publish Feed	Create 9	ss Update	Create	Update	Permiss te %	Permiss	Permiss n %	Permiss :e %	ember (e Memb te % pdate (ice Create	ce Withdraw	reate	Operation	eration	Claim %	Transfer	to biind % ransfer %	m Blind	Cancel %	m Fees
Asse	Symbol	Quantity	Transfer Op	Limit Order	Limit Order	Call Order Update	Fill Order	Account (Account L	Ħ	Account Upgrade	Asset Create	Asset Up	Asset Update I	Asset Update Feed Producers %	Danier Deer	Asset Reserv Asset Fund Fee	Asset Settle	Asset Glob	Asset Pub	Witness (Witness L	Proposal Create	Proposal Update	Proposal Deletion Withdraw Permiss Create %	Withdraw Per Update	Withdraw Permi Claim %	Withdraw Permi Delete %	Committee Member	Committee Member Update % Com. Mem. Update Global Parameters %	Vesting Balance	Vesting Balan	Worker C	Custom Op	Assert Operation	Balance	Override T	Transter to blind	Transfer from	Asset Settle	Asset Claim Fees
1.3.103	BTC	0.0	0 98	8 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
1.3.105				00 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 ($\frac{0}{0}$
1.3.106 1.3.113	GOLD		0 46		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	$\frac{0}{0}$	0	(0 0	0	0	0 ($\frac{0}{0}$
1.3.120			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
1.3.121	USD		65 35	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
1.3.350		-	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
1.3.397			0 10 100 0	00 0	(0 0	0	0) 0) 0	0	0	0	0 () 0	0	0	0	0	0 (0	0 () 0	0	0	0	0	0 (0 n	0 0	0	0	0	0 0	0	(0 0	0	0	0 (0 0
1.3.562		1	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	$\begin{array}{c c} 0 & 0 \\ \hline 0 & 0 \end{array}$	0	(0 0	0	0	0	0 0
1.3.569		0.0	0 10	00 0	C	0 0	0	0	0	0	0	0	0	0 (0	0	0	0	0	0	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		92 3	3		0 0	0	2	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
1.3.599	TRADE.MUSE	-,		00 0	(0 0	0	0	0	0	0	0	0	0 (,	0	0	0	0	0 (0	0 (0	0	0	0	0	0 (0	0 0	0	0	0	0 0	0	0	0 0	0	0	0 ($\frac{1}{0}$
1.3.609	IOU.CNY GSTAMP	0.0		00 0	(0 0	0	0) 0) 0	0	0	0	0 () 0	0	0	0	0	0 (0	0 () 0	0	0	0	0	0 (0	0 0	0	0	0	0 0	0		0 0	0	0	0 ($\frac{1}{0}$ $\frac{1}{0}$
1.3.619	USDTR		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
1.3.629	IOU.ABC	0.0	0 0	1	00 (0 0	0	0	0	0	0	0	0	0 (0	0	0	0	0	0	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			00 0	(0 0	0	0	0	0	0	0	0	0 (, 0	0	0	0	0	0 (0	0 (0	0	0	0	0	0 (0	0 0	0	0	0	0 0	0	C	0 0	0	0	0 (0
1.3.746 1.3.757	ANTSHARE OPEN.USD		0 0 33 63		00 (0 0	0	0) 0) 0	0	0	0	0 (,	0	0	0	0	0 (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	-		00 0	($\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	0	0) 0	0	0	0	0	0 (,	0	0	0	0	0 (0	0 0	0	0	0	0	0	0 (0	0 0	0	0	0	$\frac{0}{0}$	0		$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	0	0	0	0 0
1.3.766	OPEN.EUR	-		00 0	C	0 0	0	0	0	0	0	0	0	0 (0	0	0	0	0	0	0	0 (0	0	0	0	0	0 (0	0 0	0	0	0	0 0	0	C	0 0	0	0	0 (0 0
1.3.776			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
1.3.790				00 0	(0 0	0	0	0	0	0	0	0	0 (,	0	0	0	0	0 (0	0 (0	0	0	0	0	0 (0	0 0	0	0	0	0 0	0	(0 0	0	0	0 (0
1.3.806			100 0 11 89	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 ($\frac{0}{0}$
1.3.826	+			00 0	0	0 0	0	0	0	0	0	0	0	0 (0	0	0	0	0	0	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	0.8	93 7	1	C	0 0	0	0	0	0	0	0	0	0 (0	0	0	0	0	0	0	0 (0	0	0	0	0	0 (0	0 0	0	0	0	0 0	0	C	0 0	0	0	0 (0 0
1.3.850			87 13		`	0 0	0	0	0	0	0	0	0	0 (, 0	0	0	0	0	0 (0	0 (0	0	0	0	0	0 (0	0 0	0	0		0 0	0	(0 0	0	0	0 (0
1.3.858	OPEN.LTC		0 83 91 9	3 1	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	$0 \qquad 0$	0	(0	0	0	0 ($\frac{1}{0}$
1.3.860	OPEN.DOGE	-	0 0	1	00 ($\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	0	0) 0	0	0	0	0	0 (0 0	0	0	0	0	0	0	0 0	0	0	0	0	0	0 (0	0 0	0	0	0	$\begin{array}{c c} 0 & 0 \\ \hline 0 & 0 \end{array}$	0	($\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	0	0	0	0 0
1.3.861	OPEN.BTC	0.0	87 13			0 0	0	0	0	0	0	0	0	0 (0	0	0	0	0	0	0	0 (0	0	0	0	0	0 (0	0 0	0	0	0	0 0	0	(0 0	0	0	0 (0 0
1.3.897	BTCPLUS		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
		1	100 0			0 0	0	0	0	,	0	0	0	0 (0		0	0	0 (0	0 (0	0		0	ļ .	0 (0 0	0	0	-	0 0	0	`	0 0	0	0	0 (0
1.3.924			26 73 0 10	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	0	0) 0	$\begin{pmatrix} 0 & 0 \\ 0 & 0 \end{pmatrix}$	0	0	0	0 (0	0	0	0	0 (0	0 (0	0	0	0	0	0 (0 0	0	0	0	0 0	0	0) 0	0	0	0 (0 0
		-	90 10		0	0 0	0	0	0	0	0	0	0	0 (0	0	0	0	0	0	0	0 (0	0	0	0	0	0 (0	0 0	0	0	0	0 0	0	0	0 0	0	0	0	0 0
1.3.956	BTSPLUS	0.0	0 95	5 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
-			57 42		(0	0	0	,	0	0	+	0 (0		0	0	0	0	0 (0	0	0	+	0 (-	0 0	0	0	-	0 0	0		J J	0	0		0 0
	LISKICO OPEN.LISK		100 0 0 80		0 0	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	0	0) 0	$\begin{pmatrix} 0 & 0 \\ 0 & 0 \end{pmatrix}$	0	0	0	0 (0	0	0	0	0	0	0 0	$\begin{pmatrix} 0 & 0 \\ 0 & 0 \end{pmatrix}$	0	0	0	0	0 (-	0 0	0	0	-	$\begin{pmatrix} 0 & 0 \\ 0 & 0 \end{pmatrix}$	0		0 0	0	0	0	$\begin{array}{c c} 0 & 0 \\ \hline 0 & 0 \end{array}$
			71 29	_	0 (0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0 (0	0	0	0	0	0 (-	0 0	0	0		$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	0		0 0	0	0	0	0 0
	FIMKRYPTO		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
	WORTHLESS	,		00 0	(0	0	0	,	0	0	0	0 (0		0	0	0 (0	0 (0	0	0		0 (0 0	0	0	-	0 0	0	(, ,	0	0	0 (0 0
	FREEDOM			00 0	(0	0	0	0	0	0	0	0	0 0		0		0	0	0	0	0 0	$\begin{bmatrix} 0 \\ 0 \end{bmatrix}$	0		0	0	0 (-	0 0	0	0	-	0 0	0	0	0 0	0	0	0 (0 0
1.3.994	BLOCKAR		100 0	00 0	(0 0	0	0) 0	0	0	0	0	0 () 0	0	0	0	0	0 (0	0 () 0	0	0	0	0	0 (n l	0 0	0	0	0	0 0	0	() 0	0	0	0 ($\begin{array}{c c} 0 & 0 \\ \hline 0 & 0 \end{array}$
	OPEN.DAO	1	90 9	0	($\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	0	0) 0	0	0	0	0	0 (0 0	0	0	0	0	0 (0	0 0	0	0	0	0	0	0 (0	0 0	0	0	0	$\begin{array}{c c} 0 & 0 \\ \hline 0 & 0 \end{array}$	0	0	0 0	0	0	0	0 0
			59 40	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
		-		00 0	- +		0		0	,	0	0	+	0 (- -	0		0	0	0 (0	0 (,	0		0	+	0 (-	0 0	0	0	-	0 0	0		9 0	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
1.3.1044			100 0 0 10	00 0	(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	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	0	() 0	0	0	0	0 0
			79 2	_		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
1.3.1065	CRYPTOCEEDS	3.5	1 99		(0 0	0	0	0	0	0	0	0	0 (0	0	0	0	0	0 (0	0 (0	0	0	0	0	0 (0	0 0	0	0	0	0 0	0	C	0 0	0	0	0 (0 0
	OCEANIA			00 0		0	0	0	0	0	0	0	0	0 (0		0	0	0	0	0 0	0	0	0	0	0	0 (-	0 0	0	0		0 0	0		0	0	0	0 (0 0
	+		0 95 25 74		(0 0	0	0	0	$\begin{pmatrix} 0 & 0 \\ 0 & 0 \end{pmatrix}$	0	0	0	0 (,	0		0	0	0 (0	0 (0	0	0	0	0	0 (-	0 0	0	0		$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	0		0 0	0	0	0 ($\begin{array}{c c} 0 & 0 \\ \hline 0 & 0 \end{array}$
			100 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	-	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	0		0 0	0	0		0 0
	-1	1	·										1					1														1							1		

Asset ID	Symbol	Quantity	Transfer Operation %	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 Operation %	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 Operation %	Assert Operation %	Balance Claim %	Override Transfer %	Transfer to Blind %	fer %	Transfer from Blind %	Asset Settle Cancel %	Asset Claim Fees % FBA Distribution %
1.3.1092	REALITY	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 () (C) (0	0	0	, 0
1.3.1139	NIHAO	0.1	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
1.3.1140	ZCASH	0.1	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 () (C) (0	0	0	0
1.3.1152	OPEN.GRC	1.8	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 () (C) (0	0	0	0
1.3.1160	OPEN.GAME	1.3	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 () (C) (0	0	0	0
1.3.1161	OPEN.INCNT	32.4	78	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 () (C) (0	0	0	0
1.3.1181	KAPITAL	2.8	78	22	0	0	0	0	0	0	0	0	0 ()	0	0 ()	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 () (C) (0	0	0	0
1.3.1184	OPEN.NXC	68.1	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
1.3.1189	ASSET	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
1.3.1193	HARUKI	0.6	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
1.3.1196	OPEN.DCT	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 () (C) (0	0	0	0
1.3.1199	TASKMANAGER	36.7	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 () (C) (0	0	0	0
1.3.1200	TREISM	0.0	90	10	0	0	0	0	0	0	0	0	0 ()	0	0 ()	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 () (C) (0	0	0	0
1.3.1202	IOU.BAO	3,669.7	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 () (C) (0	0	0	0
1.3.1203	IOU.QIANG	3,669.7	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 () (C) (0	0	0	0
1.3.1204	TBBSAR	3,678.0	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 () (C) (0	0	0	0
1.3.1209	OPEN.WAVES	3.0	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 () (C) (0	0	0	0
1.3.1210	OKCASHBAG	3.9	7	93	0	0	0	0	0	0	0	0	0 ()	0	0 ()	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 () (C) (0	0	0	0
1.3.1211	VIRGROW	0.3	76	24	0	0	0	0	0	0	0	0	0 ()	0	0 ()	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 () (C) (0	0	0	0
1.3.1214	TRAIL	366.9	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 () (C) (0	0	0	0
1.3.1215	VIBERZ	1.3	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
1.3.1216	PASSWORD	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
1.3.1225	NEWBTC	14.7	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
1.3.1226	MERRYCHRIST MAS	1.0	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	C) (0	0	0	0
1.3.1228	FLASH	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 () (C) (0	0	0	0
1.3.1231	INVEST.MUSIC	0.6	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
1.3.1232	INVEST.GAME	0.9	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
1.3.1234	BLOCKCHAIN.I NDEX	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 () (C) (0	0	0	0

Table 18. 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.

	o. 1 ces concen											J1																																		
Asset ID	Symbol	Quantity	Transfer Operation %	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 Operation %		Asset Fund Fee Pool %	Asset Settle %	Asset Global Settle %	Asset Publish Feed	ness	Witness Update %	roposal	Proposal Update %	Proposal Deletion % Withdraw Permission	ء ا بع	Update % Withdraw Permission	Claim % Withdraw Permission	Committee Member Create	Committee Member Update %	Com. Mem. Update Global Parameters %	Vesting Balance Create %	Vesting Balance Withdraw %	Worker Create %	Custom Operation %	Assert Operation %	Balance Claim %	Override Transfer %	Transfer to Blind %	Blind Transfer %	Transfer from Blind %	Asset Settle Cancel %	Asset Claim Fees %	FBA Distribution %
1.3.0	BTS	2,483,248.1	. 1	2	0	0	0	3	0	0	23	0 6	66	1	0 (0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2	0	0	0	0	0	J
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	J
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	J
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	J
1.3.113	CNY	1.2	82	17	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	J
1.3.120	EUR	0.1	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	J
1.3.121	USD	0.3	87	10	1	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	J
1.3.138	FUND	132,087.0	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	J
1.3.350	TRADE.BTC	0.0	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	J
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	J
1.3.562	OBITS	64.1	8	92	0	0	0	0	0	0	0	0 (0	0	0 (0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ນ
1.3.569	OPENBTC	0.0	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	ນ
1.3.585	QBITS	922.9	76	20	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	ນ
1.3.590	OPENMUSE	1.7	0	0	13	0	0	0	87	0	0	0 (0	0	0 (0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	J
1.3.607	PERKS	0.0	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	J
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	J

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			% u	% a:	icel %		%	%	% g ı	%	%		, %	þ	% uo	%	% lo		% ·	Feed ite %	%	%	%	%	sion sion	sion	ssion		•	e Withdraw	%		%	% sr %	%	% pı	%	% %
	=	₹	Operation	Create	a a	. %	Create	Update	Whitelisting 9	Account Upgrade	nsfer	ite %	Asset Update BitAsset	e Feed	Asset Issue Operation		e Pool	le %	Global Settle	h Fe	date	eate	Proposal Update	Deletion	Withdraw Permiss Create % Withdraw Permiss Update %	rmis %	rmis % nber	Committee Member Update %	ate Glors %	Wit	Create	atio	Operation	e Claim %	Blind		Cancel	Asset Claim Fees
Asset ID	oqui	lantity	Оре	der (der C	Fill Order	r Cr	t Up	Vhite	Upg	Transf	Create	ate B	Update	o do	Asset Reserve	set Fund Fee	Settle	bal	Publish ess Creat	ess Update	Proposal Create	d Up	I Del	Withdraw Permi Create % Withdraw Permi Update %	Withdraw Per Claim 9	Withdraw Permis Delete % ommittee Member	date		ance %	Cre	Oper)per:	Balance Claim verride Transfo	2	Transfer from Bli		aim trib
As	Š	ੋ	sfer	t Orc	r Ord		count	Account	III V	og ut	Account	ᄝ	npd (Asset U	Issue	set 1	Fun		a G	thes		boos	posa	osal	Cr Cr Up	g d	dra De ttee	Up I	Mem. Paran ng Bak	Bal	Worker	E .	r E	lanc	Transfer	Blind 7	t Settle	et Cl
			Transfer	Limit Order	Limit Call (Aç	Acc	Account	Acc	Acc	Ass	set	Ase	sset	¥	Asset		Asse	Asset	Χ	Pro	Pro	Prop	With With	With	With With	Con	Com. Mo Pa Vesting	Vesting Bal	Š	Custom	Assert	Balance Override	Tra		Asset	Ass
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1.3.614 1.3.629	GSTAMP IOU.ABC	23.2 1.2	97	3 0 100 0	0	0	+	-	-	0	0 (- 10	0	0	0	0	-	0 0	0	0	0	0 0	0 (0	0 0 0	0 0	0 0	$\frac{0}{0}$	0	0	0 (0	0		0	0 0	0 (0 0
1.3.766	OPEN.EUR	0.1	0	100 0	0	0	0	10	0	0	0 0	0 0	0	0	0	0	0	0 0	0	0	0	0 (0 (0	0 0	0 0		$\frac{0}{0}$	0	0	0 (0	0	0	0	0 0	0 0	0 0
1.3.802	PEWPS	14.7	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
1.3.822	COMPUCEEDS	8.2	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
1.3.828	OPEN.BKS BTSR	1.2 49.7	0	100 0 99 0	0	0	0	0	0	0	0 (0	0	0	0	0	0	0 0	0	0	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	OPEN.ETH	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 0
1.3.855	OPEN.NBT	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
1.3.858	OPEN.DASH	0.0	93	6 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
1.3.859	OPEN.LTC	0.0	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
1.3.861	OPEN.BTC CASH.USD	0.0	89 100	0 0	0	0	0	0	0	0	0 1) 0	0	0	0	0	0	0 0	0	0	0	0 0	0 (ט	0 0	0 0	0 0	0 0	0	0	0 () 0	0	0	0	0 0	0 (0 0
1.3.950	CAYMAN	0.0	100	0 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
1.3.958	BTWTY	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
1.3.973	OPEN.STEEM	19.4	2	98 0	0	0	0	0	0	0	0 (0	0	0	0	0	0	0 0	0	0	0	0 (0 (0	0 0	0 0	0 0	0 0	0	0	0 (0	0	0	0	0 0	0 (0 0
1.3.977	OPEN.LISK OPEN.DGD	0.1	73	0 10 27 0	00 0	0	0	0	0	0	0 (0	0	0	0	0	0	0 0	0	0	0	0 (0 (n l	0 0	0 0	$\begin{pmatrix} 0 & 0 \\ 0 & 0 \end{pmatrix}$	0 0	0	0	0 (0	0	0	0	0 0	0 (0 0
1.3.980	FIMKRYPTO	36.1	0	100 0	0	0	0	10	0	0	0 0	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	0	0	0	0	0	0 0	0	0	0	0 (0 (0	0 0	0 0	0 0	$\begin{array}{c c} 0 & 0 \\ \hline 0 & 0 \end{array}$	0	0	0 (0	0	0	0	0 0	0 (0 0
1.3.1004	BLOCKAR	16.3	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
1.3.1005	OPEN.DAO	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
1.3.1006	ICOO	0.1	66	34 0	0	0	0	0	0	0	0 (0 0	0	0	0	0	0	0 0	0	0	0	0 (0 (0	0 0	0 0	0 0	0 0	0	0	0 (0	0	0	0	0 0	0 (0 0
1.3.1010 1.3.1022	SPIES	0.1 1,527.6	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 0
1.3.1042	OPEN.USDT	0.0	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
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
1.3.1056	FIMK	7,963.2	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
1.3.1064	OPEN.HEAT CRYPTOCEEDS	89.6 0.0	31 10	69 0 89 1	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0 (0 () n	0 0 0	0 0	0 0	0 0	0	0	0 () 0	0	0	0	0 0	0 (0 0
1.3.1069	OPEN.ARDR	0.1	0	100 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
1.3.1070	OPEN.SBD	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 (D	0 0	0 0	0 0	0 0	0	0	0 (0	0	0	0	0 0	0 (0 0
1.3.1072	BLOCKPAY	0.4	26	65 0	0	0	0	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
1.3.1079	OPEN.DEOS	2.6 140.5	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		$\begin{pmatrix} 0 & 0 \\ 0 & 0 \end{pmatrix}$	0	0	0 (0	0	0	0	0 0	0 0	0 0
1.3.1081		0.1	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	, ,	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	0	0	0 (0	0	0	0	0 0	0 (0 0
1.3.1139		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
1.3.1140		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
	OPEN GAME	10.7	79	21 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	$0 \qquad 0$	0	0	0 (0	0	0	0	0 0	0 (0 0
	OPEN.GAME OPEN.INCNT	0.1 53.2	89	11 0	0	0	0	0	0	0	0 0	0 0	0	0	0	0	-	0 0	0	0	0	0 0	0 (0	0 0	0 0	0 0	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	0	0	0 (0	0	0	0	0 0	0 (
	KAPITAL	7.4	_	21 0	0	0	0	-	ř –	0	0 (- -	0	0	0	0	0	0 0	0	0	0	0 (0 (00	0 0	0 0		0 0	0	0	0 (0	0	0	0	0 0	0 (0 0
		13.2	100		0	0	0	ļ .	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0 (0	0 0	0 0	0 0	0 0	0	0	0 (0	0	0	0	0	0 (0
	OPEN.NXC	6.4	95	11 0	0	0	0	ļ .	0	0	0 (- 10	0	0	0	0	0	0 0	0	0	0	0	0 (0	0 0 0	0 0	0 0	0 0	0	0	0 (, 0	0	0	0	0 0	0 (0 0
	HEMPSWEET OPEN.DCT	0.6	0	5 0 100 0	0	0	0	ļ .	0	0	0 0	, 0	0	0	0	0	0	0 0	0	0	0	0 (0 (0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0	0 0	0 0	0	0	0 () 0	0	0	0	0 0	0 (
-	VIRGROW	2.0	4	96 0	0	0	0	-	-	0	0	- 10	0	0	0	0	0	0 0	0	0	0	0 (0 (0	0 0	0 0		$\begin{array}{c c} 0 & 0 \\ \hline 0 & 0 \end{array}$	0	0	0 (0	0	0	0	0 0	0 (
1.3.1215	VIBERZ	3,667.9	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
1.3.1226	MERRYCHRIST MAS	365.9	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	0 0
1 2 1220	SAVETHEPLANE	102	0	01 0	0	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
	T		U	91 9	U	0	0	_	0	0	0	0	0	0	0	U		0 0	U	0	U	0		0		0 0	,	0 0		0		0	U	U	U	0 0		0 0
	INVEST.GAME		0	100 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
1.3.1234	BLOCKCHAIN.I NDEX	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
		54.3	100		0	0	0	ļ .	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0 (0 (0	0 0	0 0	, 10	0 0	0	0	0 (0	0	0	0	0 0	0 (0 0
1.3.1247	WANGCHANGE	2.9 3,669.0	0	100 0 100 0	0	0	0	ļ .	0	0	0 0	- 10	0	0	0	0	0	0 0	0	0	0	0 (0 (ט ח	0 0	0 0	0 0	0 0	0	-	0 (0	0	0	0	0 0	0 (
1.3.1249		3,669.0	0	100 0	0	0	0	ļ .	-	0	0 0	- 10	0	0	0	0	0	0 0	0	0	0	0	0 (0	0 0 0	0 0	, ,	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	0	0	0 (0	0	0	0	0 0	0 (
1.3.1251		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
1.3.1252	BIBLE	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

Asset ID	Symbol	Quantity	Transfer Operation %	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 Operation %	Asset Reserve %	Asset Fund Fee Pool %	Asset Settle %	Asset Global Settle %	Asset Publish Feed	Witness Create %	Witness Update %	posal	Proposal Update %	osa	thdraw	ithdraw Upda		Withdra	Committee Member Create	ပိ	om. M	Vesting Balance Create %	Vesting Balance Withdraw %	Worker Create %	Custom Operation %	Assert Operation %	Balance Claim %	Override Transfer %	Transfer to Blind %	Blind Transfer %	Transfer from Blind %	Asset Settle Cancel %	Asset Claim Fees %	FBA Distribution %
1.3.1253	DEMON	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
1.3.1254	HORSE	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
1.3.1255	BREAD	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	C) (0 0)	0	0	0	0	0	0 ()	0	0
1.3.1256	JEWEL	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	C) (0 0)	0	0	0	0	0	0 ()	0	0
1.3.1257	HONEY	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
1.3.1258	SEX	587,053.0	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
1.3.1259	GOLOS	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
1.3.1265	LEOUSD	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
1.3.1266	LEOGBP	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

Table 19. Fees collected by blockchain during 2017-02 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 Operation %	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 Operation %	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 Operation %	Assert Operation %	Balance Claim %	Override Transfer %	Transfer to Blind %	Blind Transfer %	Transfer from Blind %	Asset Settle Cancel %		FBA Distribution %
1.3.0	BTS	1,024,483.0	2	6	0 ()	0	5	0	0	38	0	41	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0	0	0	1	0	0	0	0 (0 0	J
1.3.103	BTC	0.0		43	0 ()	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	70	30	0 ()	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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 ()
1.3.113	CNY	2.9	76	23	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)
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 ()
1.3.121	USD	0.8	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 ()
1.3.350	TRADE.BTC	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 ()
1.3.422	AWCOIN	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0 (0 ()
1.3.562	OBITS	2.6	98	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 ()
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 ()
1.3.585	QBITS	4,163.5	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 ()
1.3.590	OPENMUSE	1.1	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)
1.3.607	PERKS	99.9	1	99	0 ()	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0.3	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 ()
1.3.614	GSTAMP	0.3	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)
1.3.626	SANDWICH	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)
1.3.629	IOU.ABC	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)
1.3.734	TCNY	0.1	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)
1.3.822	COMPUCEEDS	1.2		87	0 ()	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0.4	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)
1.3.850	OPEN.ETH	0.1	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)
1.3.858	OPEN.DASH	0.0	90	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)
1.3.859	OPEN.LTC	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)
1.3.861	OPEN.BTC	0.0	89	11	0 ()	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0 (0 0)
1.3.921	CASH.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)
1.3.950	CAYMAN	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)
1.3.958	BTWTY	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)
1.3.973	OPEN.STEEM	0.2	58	42	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)
1.3.977	OPEN.LISK	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)
1.3.979	OPEN.DGD	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 (<u>)</u>	0 0)
1.3.980	FIMKRYPTO	7.5	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 (3 (0 0)
1.3.1004	BLOCKAR	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 (<u>)</u>	0 0)
1.3.1006	ICOO	0.1	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 (<u>)</u>	0 0)
1.3.1042	OPEN.USDT	0.0	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	0	0	0	0	0	0	0	0 (<u>)</u>	0 0)
1.3.1044	OPEN.MAID	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 (<u> </u>	0 0)

Asset ID	Symbol	Quantity	Transfer Operation %	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 Operation %	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 Operation %	Assert Operation %	Balance Claim %	Override Transfer %	Transfer to Blind %	Blind Transfer %	Transfer from Blind %	Asset Settle Cancel %	Asset Claim Fees %	FBA Distribution %
1.3.1064	OPEN.HEAT	26.4	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
1.3.1065	CRYPTOCEEDS	0.0	23	77	0	0	0	0	0	0	0	0	0 ()	0	0 0	0	0	0	0	0) (0) (0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1069	OPEN.ARDR	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
1.3.1070	OPEN.SBD	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
1.3.1072	BLOCKPAY	0.3	77	22	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
1.3.1140	ZCASH	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
1.3.1152	OPEN.GRC	6.4	88	11	0	0	0	0	0	0	0	0	0 ()	0	0 0	0	0	0	0	0) (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.INCNT	30.6	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
1.3.1181	KAPITAL	14.6	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
1.3.1184	OPEN.NXC	6.0	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
1.3.1188	HEMPSWEET	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
1.3.1191	FRONTIER.USD	14.7	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
1.3.1209	OPEN.WAVES	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
1.3.1211	VIRGROW	0.1	66	34	0	0	0	0	0	0	0	0	0 ()	0	0 0	0	0	0	0	0) () () (0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	FLASH	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
1.3.1229	SAVETHEPLANE T	266.2	0	100	0	0	0	0	0	0	0	0	0	0	0	0 0	0	O	0	0	0) (0)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1231	INVEST.MUSIC	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
1.3.1236	MONEDAPAR	7.3	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
1.3.1247	WANGCHANGE	27.5	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
1.3.1248	THIRSTY	0.7	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
1.3.1259	GOLOS	0.4	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
1.3.1267	GALLEON	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
1.3.1272	ETFBTC	963.3	1	99	0	0	0	0	0	0	0	0	0 ()	0	0 0	0	0	0	0	0) (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 20. 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.

Tubic 2	Table 20. Fees Collected by blockchain during 2017-05 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 Operation %	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 Operation %	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 %	ا د	Vesting Balance Withdraw %	Worker Create %	Custom Operation %	Assert Operation %	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	l 1	3	0	0	0	2	0	0	15 (75	0	0	0	0)	0	0	0	1	0	0 () (0 (0	0	0	0	0	0	0	0	0	1	0	0 (0	0 :	1 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
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 (O	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 (O	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 5	55	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	O	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 (O	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
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
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 (O	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 (O	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 (O	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 (O	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 (O	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 (O	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 (O	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 (O	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 (O	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 (O	0	0	0) () () (0	0
1.3.800	COPPERTICKET	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
1.3.822	COMPUCEEDS	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
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	0	0	0	0) () [) (0	0

Asset ID	Symbol	Quantity	Transfer Operation %	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 Operation %	Asset Reserve %	Asset Fund Fee Pool %	Asset Settle %	Asset Global Settle %	Publish	Witness Create % Witness Update %	sal Create	sal Update	Proposal Deletion %	Withdraw Permission Create % Withdraw Permission	Update % Withdraw Permission Claim %	w Permis lete %	Committee Member Create % Committee Member	Update % Com. Mem. Update Global	Parameters % Vesting Balance Create %	Vesting Balance Withdraw	Worker Create %	Custom Operation %	Assert Operation %	Balance Claim % Override Transfer %	to Blind	Blind Transfer %	Transfer from Blind %	Asset Settle Cancel %	Asset Claim Fees % FBA Distribution %
1.3.850	OPEN.ETH	0.1	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
1.3.858	OPEN.DASH	0.1	96	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
1.3.859	OPEN.LTC	0.1	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
1.3.861	OPEN.BTC	0.0	89	10 0 0	0	0	0 (0 () () () (0	0	0	0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0 0	0	0	0	0 0) (0	0	0	0	0 0	0	0
1.3.898	AUKSINAS	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	- 10	0
1.3.913	TIMEKOIN	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
1.3.921	CASH.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
1.3.933	MKR	0.0	0	100 0 0 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
1.3.958	BTWTY OPEN.STEEM	6.9	94	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
1.3.977	OPEN.LISK	3.1	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
1.3.979	OPEN.DGD	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
1.3.980	FIMKRYPTO	3,624.4	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
1.3.1006	ICOO	0.1	53	47 0 0	0	0	0 (0 () () () (0	0	0	0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0 0	0	0	0	0 0) (0	0	0	0	0 0	0	0
1.3.1010	SPIES	0.1	98	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
1.3.1042	OPEN.USDT	0.2	86	14 0 0	0	0	0 (0 () () () (0	0	0	0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0 0	0	0	0	0 0) (0	0	0	0	0 0	0	0
1.3.1044	OPEN.MAID	11.4	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
1.3.1046	OPEN.AMP	0.3	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
1.3.1056	FIMK	25,675.2	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
	OPEN.HEAT	69.1	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
1.3.1065		0.0	_	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
	OPEN GRD	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
1.3.1070	OPEN.SBD FAISAL	2.8	100	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
1.3.1000	YOYOW	1,404.4	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
1.3.1139	NIHAO	3,583.8	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
1.3.1140	ZCASH	0.0	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
1.3.1152	OPEN.GRC	569.5	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
1.3.1160	OPEN.GAME	0.7	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
1.3.1161	OPEN.INCNT	11.8	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
1.3.1181	KAPITAL	7.4	88	11 0 0	0	0	0 (0 () () () (0	0	0	0	0	0	0	0	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	0.6	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
	FRONTIER.USD	+	0	95 5 0	0	0	0 (9	,) () (0	0	0	0	0	0	0	0	0 0	0	0	0	0	0 0	0	- I	0 0	0	0	0	0 () (0	0	0	0	0 0	0	0
	OPEN.DCT	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		
		0.1	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	- 1	0
	VIRGROW TRAIL	0.0	0	100 0 0 0 100 0	0	0	0 0	0 () () () () 0	0	0	0	0	0	0 0	0	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	0	0	0	0	0 0	0	0	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	0	0	0	0 0) () 0	0	0	0	$\begin{pmatrix} 0 & 0 \\ 0 & 0 \end{pmatrix}$		0
	SAVETHEPLANE			0 1 0	0	0	0 (,) 0) () (,	0	0	0	0	0	0 0	_	0 0	0	0	0	0	0 0	0	1	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	0	0		0 0) () 0	0	0	0	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	- 1	0
	MONEDAPAR		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
	LIVENET	3,669.1	0	100 0 0	-	-	0 0		- 1				0	0	ļ -	0	0	-	-	0 0	0	0			0 0	0	J .	0 0	0		<u> </u>	0 0	,	, ,	0	0	1	$\frac{0}{0}$		
	WANGCHANGE	-	86	14 0 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	$\frac{0}{0}$		
1.3.1259		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		
	TETHERUSD	11.0	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	$\frac{0}{0}$	0	0
1.3.1267	GALLEON	0.0	73	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
1.3.1272	ETFBTC	871.3	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
1.3.1274	PPBITS	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
1.3.1285	KEEPC	0.6	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
	KEEPCOIN	25.6		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
1.3.1289		8.1		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
1.3.1290		37.0	_	89 11 (0	-	0 (0 () () (, 10	0	0	0	0	0	0		0 0	0	0	0	0	0 0	0	-	0 0	0	0	0	0 0) (0	0	0	0	0 0		
	DEXBTC	0.0		0 1 0	_		0 (,) (, 10	0	0	0	0	0	0 (-	0 0	0	0	-	0	0 0	0	-	0 0	0	0		0 (,	,	0	0	0	0 0		
	TESTCOIN	28.6	_	63 0 0	-	0	0 0	,	,) (, 0	0	0	0	0	0	0 (0 0	0	0		0	0 0	0	-	0 0	0	0	0	0 0	,	, ,	0	0	0	0 0		
	WANGCENTS	15.0	100	100 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		
1.3.1318	LILWANGS	11.3	100	0 0 0	U	0	0 0	0 () [0) [() () 0	Į0	U	U	U	lo.	U (U	0 0	U	0	U	U	υ υ	0	0	0 0	U	U	U	0 0) () [0	U	U	U	0 0	0	U

Table 21. Fees collected by blockchain during 2017-04 for the different operation types. The fees are presented in percentage terms of the total fees collected for an asset.

Asset ID	Symbol	Quantity		Cancel	Call Order Update % Fill Order %	Account Create %		Account Whitelisting %	Account Upgrade %	Account Transfer % Asset Create %		Asset Update BitAsset %	Asset Opdate reed Producers % Asset Issue Operation %		Asset Fund Fee Pool %	Asset Settle %	Asset Global Settle %	Asset Publish Feed	Witness Create %	Witness Update %		Proposal Update %	Proposal Delete %	Withdraw Permission Create % Withdraw Permission Update % Withdraw Permission Claim %	Withdraw Permission Delete %	Committee Member Create %	Update %	Com. Mem. Update Global Parameters % Vesting Balance Create %	√ith	% Worker Create %	Custom Operation %		Claim %	Override Transfer %	Blind Transfer %	Transfer from Blind %	Asset Settle Cancel %	Asset Claim Fees %	FBA Distribution %
1.3.0	BTS	2,967,544.0	2	7 1	0	0	6	0 (0 14	0 6	7 1	0	0	0	0	0 0	0	1	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	79	14 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
1.3.105	SILVER	0.0	0	90 10	0	0	0	0 (0 0	0	0 0	0	0	0	0	0 0	0	0	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	73	20 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
1.3.113	CNY	1,635.3	1	0 0	0	0	0	0 (98	0	0 0	0	0	0	0	0 0	0	0	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
1.3.120	EUR	0.1	91	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
1.3.121	USD	2.2	80	20 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	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
1.3.397	ALTFUND	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
1.3.422	AWCOIN	4,595.5	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
1.3.541	AIWCNY	1,764.7	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
1.3.552	TIPSHARES	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
1.3.562	OBITS	5.4	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	0
1.3.569	OPENBTC	0.0	98	0 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	0
1.3.585	QBITS	7,610.4	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	0
1.3.590	OPENMUSE	0.1	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
1.3.593	METAEX.ETH	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
1.3.609	IOU.CNY	4.7	90	10 0	0	0	0	0 (0 0	0	0 0	0	0	0	0	0 0	0	0	0	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		0 100	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
1.3.630	IOU.BTSABC	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
1.3.638	LITECOIN	111,564.3			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
1.3.721	DOLLARS	2,500.0	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
1.3.722	EUROS	2,500.0		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
1.3.723	POUNDS	2,500.0			0	0	0	0 0	0 0	0	0 0	0	0	0	0	0 0	0	0	0	0	0	0	0	0 0 0	0 0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0
1.3.724	YUAN	129,930.0			0	0	0	0 (-	0	0 0	0	0	0	0	0 0		0	0	0	0	0	0		0 0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0
1.3.725	YUANS	2,500.0			0	0	0	0 (-	0	0 0	0	0	0	0	0 0		0	0	0	0	0	0		0 0	0	0	0	0		0	0	0	0	0	0 0	0	0	0
1.3.726	XBITCOIN BLOCKCHAINF	2,500.0			0	0	0	0 0		0	0 0	0	0	0	0	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	UND ANTSHARE	0.0			0	0	0	0 0		0	0 0	0	0	0	0	0 0		0	0	0	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	0.2			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
1.3.766	OPEN.EUR	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
1.3.790	TRADE.DOGE	14.7			0	0	0	0 (0	0 0	0	0	0	0	0 0		0	0	n	0	0	0		0 0	0	0	0	0	0	, ,	0	0	0	0	0 0	0		0
1.3.822	COMPUCEEDS	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
1.3.834	SPFIVE	6.6			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
1.3.850	OPEN.ETH	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
1.3.856	OPEN.NSR	199.3			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
1.3.858	OPEN.DASH	0.0			0	0	0	0 (0 0	0	0 0	0	0	0	0	0 0	0	0	0	0	0	0	0	0 0 0	0 0	0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0
1.3.859	OPEN.LTC	0.1		13 0	0	0	0	0 (0 0	0	0 0	0	0	0	0	0 0	0	0	0	0	0	0	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 Operation %	Limit Order Create % Limit Order Cancel %	Call Order Update %	Fill Order %		Account Update %	Account Whitelisting % Account Upgrade %	Account Transfer %	Asset Create % Asset Update %	Asset Update BitAsset %	Asset Update Feed Producers % Asset Issue Operation %	Asset Reserve %		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	Vesting Balance Create %	Vesting Balance Withdraw % Worker Create %	Custom Operation %	Assert Operation %	Balance Claim %	Trans	Blind Transfer %	Transfer from Blind %	Asset Settle Cancel % Asset Claim Fees %	FBA Distribution %
1.3.861	OPEN.BTC	0.0	86	14	0 (0 0	0	0	0	0 (0	0 0	0 (0 0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0	0 (0	0 (0	0	0 0
1.3.873	MAIDSAFECOIN	2,500.0	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
1.3.874	MAIDSAFE	2,500.0	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
1.3.875	PEERCOIN	2,500.0	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
1.3.876	EMERCOIN	2,500.0	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
1.3.877	FACTOM	2,500.0	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
1.3.878	NUSHARES	2,500.0	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
1.3.879	DECRED	2,500.0	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
1.3.880	STARTCOIN	2,500.0		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
1.3.881	GETGEMS	2,500.0	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
1.3.882	COUNTERPART Y	2,500.0	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
1.3.883	NAMECOIN	2,500.0	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
1.3.884	STORJ	2,500.0	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
1.3.885	SYSCOIN	2,500.0	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
1.3.886	RADIUM	2,500.0	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
1.3.890	ETHER	2,500.0	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
1.3.891	YBCOIN	2,500.0	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
1.3.892	XBTC	130,000.0	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
1.3.893	VPNCOIN	2,500.0	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
1.3.895	VOXEL	2,500.0	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
1.3.896	NXTCOIN	2,500.0	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
1.3.898	AUKSINAS	1.1		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
1.3.910	AGORAS	2,500.0			0 0	0 0	0	0	0	0 (0	0 0	0 (0 0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0	0 (0	0 0	0	0	0 0
1.3.921	CASH.USD		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
1.3.926	DASH	1,300.0			<u> </u>	0 0		0		0 (0 0	0 0	0 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 1	0	0 0
	CAYMAN	0.0			0 (0 0	-	0	-	0 (0	0 0	0 0	0 0	0	0	0	0	0 0	0	0	0	0	0	0 0	0		0 0	0	0	0	0 (0	0 (7 1	0	0 0
	YXCOIN	866,139.5			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
	BTWTY			24	0 (0 0		0		0 (0	0 0	0 0	0 0	0	0	0	0	0 0	0		0	0	0	0 0	0		0 0	0	0	0	0 () 0	0 0	, ,	0	0 0
1.3.970	OPEN.STEEM	6.2	100		0 0	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$		0	-	0 0	0 0	0 0	0 0	0 0	0	0	0	0	0 0	0 0		0	0	0	0 0	0		0 0	0	0	0	0 0	0 0	0 0	, ,	0	0 0
	OPEN.LISK	6.3			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	0	0	0	0 () 0	0 () 0	0	0 0
1.3.979	OPEN.DGD	0.0			1 (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	0	0	0	0 () 0	0 0		0	0 0
	ALTCAP.X	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	0	0	0 (7	0 (1 1	0	0 0
	WETSTOCK	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	0	0	0 0) 0	0 0		0	0 0
1.3.1006				-		0 0		0	-	0 0		0 0	0 0		0	0	0	0	0 0	0 0		0	0	0	0 0	0		0 0		0	0	0 (0 0	0 0		0	0 0
1.3.1010		0.1			0 0	0 0		0		0 (0 0	0 (0 0	n	0	0	0	0	0 0		0	0	0	0 0	0		0 0	0	0	0	0 () 0	0 (7 1	0	0 0
1.3.1010		1,300.9			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
	TRANS.ETH		100		0 0	0 0	-	0	-	0 (0 0	0 0	0 (0 0	n	0	0	0	0	0 0		0	0	0	0 0	0		0 0	0	0	0	0 () 0	0 (7 0	0	0 0
	OPEN.OMNI		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
	OPEN.USDT		85		0 0			0	-	0 (0 0	0 0	0 0		0	0	0	0	0	0 0		0	0	0	0 0	_		0 0		0	0	0 (0 0	0 (0	0 0
	OPEN.MAID		82		0 0	0 0	-	0	-	0 (0 0	0 0	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	0	0 0
1.0.1044	3. 2	0.0	02	10		- 0	0	ا							٦	Ü			<u> </u>	. 0			٦	٦	ا ا			ا ا		<u> </u>		Ĭ (٠ ١		٠	

Asset ID	Symbol	Quantity	ration	Limit Order Create % Limit Order Cancel %	Call Order Update %	1 - 1 /	Account Create % Account Update %		Account Upgrade %	Account Transfer %	Asset Create %	Asset Update %	Asset Update BitAsset % Asset Update Feed	Producers % Asset Issue Operation %	set Reserve %		Asset Settle %	Asset Global Settle % Asset Publish Feed	Witness Create %	Witness Update %	Proposal Create %	Proposal Update %	Proposal Delete %	Withdraw Permission Greate % Withdraw Permission Update %	Withdraw Permission Claim % Withdraw Permission	Delete %	% Committee Member Update %		Vesting Balance Create % Vesting Balance Withdraw	% Worker Create %	Custom Operation %	Assert Operation % Balance Claim %	Override Transfer %	Transfer to Blind % Blind Transfer %	Transfer from Blind %	Asset Settle Cancel %	Asset Claim Fees % FBA Distribution %
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
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
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
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
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
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
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
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
1.3.1064	OPEN.HEAT	409.6	81	19 (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
1.3.1065	CRYPTOCEEDS	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
1.3.1070	OPEN.SBD	0.2		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
1.3.1079	OPEN.DEOS	0.4		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
1.3.1093	YOYOW	16,497.3		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 0
1.3.1094	HOTHEART	5.3		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 0
	NIHAO	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
1.3.1140	ZCASH	0.0		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
1.3.1152	OPEN.GRC	20.9		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
-	OPEN.GAME	0.1		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
1.3.1161	OPEN.INCNT	25.2		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
	KAPITAL	4.3		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
1.3.1184	OPEN.NXC	2.6		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 0
1.3.1196	OPEN.DCT	0.6		98 2	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 0
1.3.1209	OPEN.WAVES	3.4		13 (0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0	0	0 0	0	0 0	0 0	0 0	0	0	0	0 0	0	0 0	0 0	0	0	0	0 0	0	0 0
	VIRGROW	0.0			0	0	0	0	0	0 0		0	0	0	0 0	0	0	0	0	0 (0	0 0	-		0	0	0		0	0 0	0 0	0	0		0 0	0	0 0
1.3.1214		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
	MONEDAPAR	11.8		0 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
	WANGCHANGE	297.0		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
1.3.1259		0.3		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
	GALLEON	0.0			0	0	0	0	0	0 0		0	0	0	0 0	0	0	0	0	0 0	0	0 0	-		0	0	0		0	0 0	0 (0	0	-	0 0	0	0 0
1.3.1279		3,669.0			0 0	0	0	0	0	0 0		0	0	0	0 0	0	0	0	0	0 0	0	0 0	-		0	0	0	0 0	0	0 0) (0	0 0		0 0	0	0 0
-	KEEPCOIN	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
1.3.1290		3.0		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
-	USDT	146.8		100 (0		0	0	0	-		0	0	0	1 1	0	0	0	0	0 0	0	+	-		0	0	0			0		0	0	-			0 0
1.3.1296		146.8			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
	DEXCOIN	3,669.0				0	0	0		0 0		0	0	0		0	0	0	U	0 (0	0 0	-		U	0	0		-	0	0 0		0 0	-		0	0 0
1.3.1301	STEEMFACTOR	587.1	0	100 (0		0	U	0	0 0		0	U	0	0 0	0	0	U	U	0 (U	0 0			U	U	0		0	0 (0	, ,		0 0	0	0 0
1.3.1302	Y	293.5		100	0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0	0	0 0	U	0 0	0 0	0 0	0	0	0	0 0	0	0	D C	0	0	0	0 0	0	0 0
1.3.1317		0.3		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
	LILWANGS	14.2			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
1.3.1325		3.5			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
1.3.1327	LEOBUZZ	3,669.2	15	85 0	0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0	0	0 0	0	0 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 Operation %	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 Operation %	Asset Reserve %	Asset Fund Fee Pool %	Asset Settle %	Asset Global Settle %	Asset Publish Feed	Witness Update %	Decreed Coate 0/	Proposal Update %	Proposal Delete %	Withdraw Permission Create %	<u>ĕ</u>	š la	Withdraw Permission Delete %	Committee Member Create % Committee Member	Update % Com. Mem. Update Global	Parameters % Vesting Balance Create %	Vesting Balance Withdraw	Worker Create %	Custom Operation %	Assert Operation %	Balance Claim %	Override Transfer %	Transfer to Blind %	Blind Transfer %	Transfer from Blind %	Asset Settle Cancel %	Asset Claim Fees %	FBA Distribution %
1.3.1331	IOU.BCS	3,685.5	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
1.3.1345	TRUMPSUCKS	10.8	99	1	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
1.3.1347	EVETAB	4.3	0	98	3 2	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
1.3.1352	QORA	6.0	70	29) ()	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	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	0.2	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

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 All-Time

Table 22. Fees collected by the blockchain from 2015-11 through 2017-04 for transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,133,785.2
1.3.103	BTC	0.0
1.3.105	SILVER	0.1
1.3.106	GOLD	0.0
1.3.113	CNY	248.1
1.3.120	EUR	6.2
1.3.121	USD	55.0
1.3.130	HLP	0.0
1.3.138	FUND	270,766.5
1.3.349	TRADE.LTC	0.3
1.3.350	TRADE.BTC	0.0
1.3.362	DOGECOIN	2.8
1.3.422	AWCOIN	21,630.8
1.3.423	SYCOIN	360.0
1.3.472	METAFEES	0.3
1.3.541	AIWCNY	52.4
1.3.552	TIPSHARES	21,193.9
1.3.554	ELECTROTAXI	28.0
1.3.556	BOND.CNY	3.0
1.3.557	QWERTY	404.4
1.3.560	DORIAN	42.0
1.3.562	OBITS	746.0
1.3.569	OPENBTC	0.1
1.3.577	OPENLTC	0.3
1.3.578	OPENDOGE	12,140.6
1.3.579	OPENDASH	0.5
1.3.580	OPENPPC	1.2
1.3.585	QBITS	214,888.7
1.3.587	FRESH	1.0
1.3.590	OPENMUSE	3,303.9
1.3.592	METAEX.BTC	0.0
1.3.593	METAEX.ETH	0.2
1.3.594	METAEX.NXT	20.5
1.3.595	SHMACK	3.0
1.3.599	TRADE.MUSE	6,504.3
1.3.607	PERKS	228.0

Asset ID	Symbol	Quantity
1.3.609	IOU.CNY	7.9
1.3.611	GNOTES	60.0
1.3.614	GSTAMP	13,392.9
1.3.616	GREENPOINT	0.6
1.3.619	USDTR	2.6
1.3.621	MINUTE	40.0
1.3.626	SANDWICH	0.7
1.3.628	BRICS	12,889.5
1.3.629	IOU.ABC	8.2
1.3.636	FLATEARTH	104.2
1.3.637	PLATINUM	63,906.2
1.3.638	LITECOIN	105,669.6
1.3.639	BTSFCX	2,260.2
1.3.642	IOU.PLS	73.6
1.3.658	FISTBUMP	1,469.6
1.3.659	OPENSESAME	1,071.3
1.3.660	HIGHFIVE	191.0
1.3.666	GREATIDEA	316.9
1.3.670	MEGUSTA	39.9
1.3.671	BEYONDBITCOIN	347.5
1.3.673	THANKYOU	198.9
1.3.678	KUDOS	96.3
1.3.680	PERCENT	443.4
1.3.684	NEURATEST	0.6
1.3.685	BEARHUG	93.0
1.3.688	SMILE	129.0
1.3.705	WARNING	32.1
1.3.708	TWEET	64.2
1.3.715	CREDO	2.8
1.3.720	BARRAS	0.0
1.3.734	TCNY	19.6
1.3.742	CRAPCOIN	339.9
1.3.744	SPERM	32.1
1.3.745	BLOCKCHAINFUND	92.5
1.3.746	ANTSHARE	1.2
1.3.747	BOSEG	124.9
1.3.749	QUANT	488.0
1.3.751	IOU.ANS	0.3
1.3.757	OPEN.USD	0.4
1.3.758	GAMEBET	185.3
1.3.766	OPEN.EUR	0.3
1.3.767	OPEN.CNY	0.4
1.3.776	OPENPOS	10.8
1.3.777	MERRY.CHRISTMAS	64.2
1.3.790	TRADE.DOGE	469.1
1.3.795	IOU.LBA	6.2

Asset ID	Symbol	Quantity
1.3.798	GOLDENTICKET	64.2
1.3.799	SILVERTICKET	32.1
1.3.800	COPPERTICKET	103.9
1.3.802	PEWPS	240,820.3
1.3.803	DISRUPTDAILY	2.1
1.3.804	SPORTS.SBLAFC	32.1
1.3.806	GRAND	0.0
1.3.808	BGIBTS	124.7
1.3.811	HUNDRED	0.0
1.3.814	OPEN.EMC	0.0
1.3.816	TRYBITSHARES	128.4
1.3.818	FREEROSS	33.0
1.3.822	COMPUCEEDS	1,878.2
1.3.825	IOU.LUCKY	31.9
1.3.826	OPENBKS	0.1
1.3.827	SOLCERT	26.0
1.3.828	OPEN.BKS	0.0
1.3.831	DEMNOMCLINTON	28.0
1.3.833	WTICRUDE	7.0
1.3.834	SPFIVE	6.6
1.3.839	SHAREBIT	680.1
1.3.841	LOCALASSET	64.8
1.3.843	FEDEV	30.0
1.3.849	BTSR	163.3
1.3.850	OPEN.ETH	1.1
1.3.851	IOU.RMB	3.0
1.3.854	OPEN.MUSE	1,034.2
1.3.855	OPEN.NBT	0.1
1.3.857	OPEN.PPC	0.1
1.3.858	OPEN.DASH	0.3
1.3.859	OPEN.LTC	0.7
1.3.860	OPEN.DOGE	463.2
1.3.861	OPEN.BTC	0.1
1.3.872	KOKADUKATS	0.1
1.3.888	BANX	0.2
1.3.897	BTCPLUS	0.0
1.3.898	AUKSINAS	1.1
1.3.899	ENTREPRENEUR	8.1
1.3.903	SCISHARES	1.8
1.3.907	WECHAT	2.9
1.3.913	TIMEKOIN	2.0
1.3.921	CASH.USD	13.9
1.3.924	PEERPLAYS	0.2
1.3.933	MKR	0.2
1.3.938	REPUTATION	0.0
1.3.943	CADASTRAL	7.1

Asset ID	Symbol	Quantity
1.3.946	KITTY	4,704.2
1.3.950	CAYMAN	5.7
1.3.956	BTSPLUS	0.1
1.3.957	YXCOIN	1,056.8
1.3.958	BTWTY	0.0
1.3.970	FUNC	4.9
1.3.973	OPEN.STEEM	15.6
1.3.975	LISKICO	5.4
1.3.977	OPEN.LISK	58.5
1.3.979	OPEN.DGD	0.7
1.3.980	FIMKRYPTO	258.0
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
1.3.994	JINBI	25.3
1.3.996	YASHA	11.8
1.3.998	WETSTOCK	5.4
1.3.999	DRYSTOCK	3.4
1.3.1004	BLOCKAR	897.5
1.3.1005	OPEN.DAO	73.6
1.3.1006	ICOO	11.7
1.3.1010	SPIES	0.5
1.3.1013	RETAILSET	9.0
1.3.1017	ARS	0.1
1.3.1018	TRANS.DAO	0.7
1.3.1020	OPEN.MKR	2.8
1.3.1032	TRANS.ETH	0.0
1.3.1041	OPEN.OMNI	0.1
1.3.1042	OPEN.USDT	0.7
1.3.1043	OPEN.AGRS	2.8
1.3.1044	OPEN.MAID	39.3
1.3.1046	OPEN.AMP	11.3
1.3.1053	YINCOIN	2.7
1.3.1056	FIMK	389.1
1.3.1064	OPEN,HEAT	4,327.8
1.3.1065	CRYPTOCEEDS	0.1
1.3.1069	OPEN SPD	11.5
1.3.1070	OPEN.SBD	11.6

Asset ID	Symbol	Quantity
1.3.1071	HONGLI	0.2
1.3.1072	BLOCKPAY	56.9
1.3.1079	OPEN.DEOS	109.1
1.3.1080	FAISAL	5.6
1.3.1081	ETCOIN	0.7
1.3.1092	REALITY	0.0
1.3.1093	YOYOW	17,887.3
1.3.1094	HOTHEART	5.3
1.3.1100	RISKER	0.4
1.3.1104	BLKONE	2.8
1.3.1109	YYBTS	311,994.8
1.3.1139	NIHAO	82.4
1.3.1140	ZCASH	0.0
1.3.1144	BAHT	0.0
1.3.1152	OPEN.GRC	45.2
1.3.1160	OPEN.GAME	1.4
1.3.1161	OPEN.INCNT	158.0
1.3.1181	KAPITAL	30.1
1.3.1182	SAXIONEURO	13.2
1.3.1184	OPEN.NXC	81.8
1.3.1188	HEMPSWEET	2.7
1.3.1199	TASKMANAGER	0.0
1.3.1200	TREISM	0.0
1.3.1209	OPEN.WAVES	5.8
1.3.1210	OKCASHBAG	0.3
1.3.1211	VIRGROW	0.4
1.3.1226	MERRYCHRISTMAS	0.8
1.3.1229	SAVETHEPLANET	5.3
1.3.1236	MONEDAPAR	83.9
1.3.1247	WANGCHANGE	365.1
1.3.1248	THIRSTY	0.0
1.3.1259	GOLOS	0.4
1.3.1267	GALLEON	0.0
1.3.1272	ETFBTC	9.9
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
1.3.1317	ZCOIN	0.3
1.3.1318	LILWANGS	25.4
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 23. Fees collected by the blockchain from 2015-11 through 2017-04 for limit order create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,561,699.6
1.3.103	BTC	0.1
1.3.105	SILVER	0.5
1.3.106	GOLD	0.0
1.3.110	RUB	4.9
1.3.113	CNY	178.1
1.3.118	GBP	0.1
1.3.120	EUR	5.6
1.3.121	USD	57.9
1.3.130	HLP	0.0
1.3.138	FUND	7,338.0
1.3.349	TRADE.LTC	5.7
1.3.350	TRADE.BTC	0.0
1.3.362	DOGECOIN	97.2
1.3.397	ALTFUND	2,094.9
1.3.422	AWCOIN	7,352.7
1.3.423	SYCOIN	70.0
1.3.438	UIATEST	14.7
1.3.439	UIATESTA	0.0
1.3.472	METAFEES	1.7
1.3.541	AIWCNY	1,853.1
1.3.552	TIPSHARES	2,270.5
1.3.554	ELECTROTAXI	24,970.8
1.3.555	HRYVNA	24,999.2
1.3.556	BOND.CNY	4.0
1.3.557	QWERTY	267.8
1.3.562	OBITS	657.3
1.3.569	OPENBTC	0.1
1.3.577	OPENLTC	0.4
1.3.578	OPENDOGE	21,666.7
1.3.579	OPENDASH	1.0
1.3.580	OPENPPC	0.1
1.3.585	QBITS	49,842.4
1.3.588	TRADE.DASH	0.0
1.3.590	OPENMUSE	57,197.9
1.3.592	METAEX.BTC	0.0
1.3.593	METAEX.ETH	0.0
1.3.594	METAEX.NXT	80.0
1.3.599	TRADE.MUSE	10,993.3
1.3.604	SHARE	20.0
1.3.606	IOU	500,000.0
1.3.607	PERKS	421.9
1.3.608	PENCIL	100.0
1.3.609	IOU.CNY	37.9

Asset ID	Symbol	Quantity
1.3.611	GNOTES	150.0
1.3.612	GBANK	3,525.0
1.3.614	GSTAMP	13,580.7
1.3.616	GREENPOINT	0.2
1.3.619	USDTR	63.9
1.3.620	SECOND	10.0
1.3.625	BREAKOUT.BTC	10.0
1.3.626	SANDWICH	20,000.4
1.3.628	BRICS	229,486.8
1.3.629	IOU.ABC	2,601.6
1.3.630	IOU.BTSABC	0.1
1.3.637	PLATINUM	20,000.0
1.3.638	LITECOIN	5,964.7
1.3.639	BTSFCX	300.0
1.3.642	IOU.PLS	2,426.4
1.3.656	PETROCHINA	10.0
1.3.658	FISTBUMP	1,030.0
1.3.659	OPENSESAME	10.0
1.3.660	HIGHFIVE	2,300.0
1.3.662	OPENNBT	0.0
1.3.666	GREATIDEA	2,180.0
1.3.670	MEGUSTA	238.9
1.3.671	BEYONDBITCOIN	40.0
1.3.672	BROFIST	10,200.0
1.3.673	THANKYOU	2,300.0
1.3.676	TRUST	10.0
1.3.678	KUDOS	2,400.0
1.3.680	PERCENT	2,050.0
1.3.686	THUMBSUP	2,500,000,010.0
1.3.687	THUMBSDOWN	2,500.0
1.3.688	SMILE	2,370.0
1.3.708	TWEET	2,420.0
1.3.715	CREDO	20.0
1.3.720	BARRAS	13.0
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	130,000.0
1.3.725	YUANS	2,500.0
1.3.726	XBITCOIN	2,500.0
1.3.730	PETROBRAS	10.0
1.3.732	ORBIT	100.0
1.3.734	TCNY	10.8
1.3.742	CRAPCOIN	2,160.0
1.3.744	SPERM	20.0
1.3.745	BLOCKCHAINFUND	58.2

1.3.746 ANTSHARE 1.11.4 1.3.747 BOSEG 30.0 1.3.750 CONNECT 0.0 1.3.751 IOU.ANS 24.6 1.3.753 OSCAR 0.0 1.3.756 OPEN.USD 4.3 1.3.756 OPEN.EUR 4.7 1.3.767 OPEN.CNY 30.8 1.3.771 BOTTLECAPS 2.500.0 1.3.771 BOTTLECAPS 2.500.0 1.3.781 ABTSLA 2500.0 1.3.794 PAYBACK 2.500,000,020,000.0 1.3.795 IOU.LBA 2.500,000,020,000.0 1.3.801 BTCPREDICT 2.00 1.3.802 PEWPS 9.044.0 1.3.804 SPORTS.SBLAFC 2.460.0 1.3.805 GRAND 0.1 1.3.806 GRAND 0.1 1.3.814 OPEN.EMC 1.66 1.3.815 TYBERSHAFES 3.0 1.3.820 SPORTS.NFLAFC 4.0 1.3.821 OPEN.EMC 1.66	Asset ID	Symbol	Quantity
1.3.750 CONNECT 0.0 1.3.751 IOU.ANS 24.6 1.3.753 OSCAR 0.0 1.3.757 OPEN.USD 4.3 1.3.758 GAMEBET 2,314.5 1.3.766 OPEN.EUR 4.7 1.3.767 OPEN.CNY 30.8 1.3.771 BOTTLECAPS 2,500.0 1.3.776 OPENPOS 17.3 1.3.791 ABTSLA 2500.0 1.3.792 TRADE.DOGE 83.2 1.3.793 TRADE.DOGE 83.2 1.3.794 PAYBACK 2,500,000,020,000.0 1.3.795 IOU.LBA 2,360.0 1.3.801 BTCPREDICT 2.0 1.3.802 PEWPS 9,044.0 1.3.803 BTCPREDICT 2.0 1.3.804 SPORTS.SBLAFC 2,460.0 1.3.805 GRAND 0.1 1.3.806 GRAND 0.1 1.3.814 OPEN.EMC 16.6 1.3.815 TRYBITSHARES 3.0 <th>1.3.746</th> <th>ANTSHARE</th> <th>111.4</th>	1.3.746	ANTSHARE	111.4
1.3.751 IOU.ANS 24.6 1.3.753 OSCAR 0.0 1.3.757 OPEN.USD 4.3 1.3.758 GAMEBET 2,314.5 1.3.766 OPEN.EUR 4.7 1.3.767 OPEN.CNY 30.8 1.3.770 FALLOUT 110.0 1.3.771 BOTTLECAPS 2,500.0 1.3.76 OPENPOS 17.3 1.3.791 ABTSLA 2500.0 1.3.792 TRADE.DOGE 83.2 1.3.794 PAYBACK 2,500,000,020,000.0 1.3.795 IOU.LBA 2,360.0 1.3.801 BTCPREDICT 20.0 1.3.802 PEWPS 9,044.0 1.3.804 SPORTS.SBLAFC 2,460.0 1.3.806 GRAND 0.1 1.3.807 MILLION 0.0 1.3.808 BGIBTS 708.6 1.3.814 OPEN.EMC 1.66 1.3.821 SPORTS.NFLAFC 1,450.0 1.3.822 COMPUCEDS 1,283.0	1.3.747	BOSEG	30.0
1.3.757 OPEN.USD 4.3 1.3.758 GAMEBET 2,314.5 1.3.766 OPEN.EUR 4.7 1.3.767 OPEN.CNY 30.8 1.3.770 FALLOUT 110.0 1.3.771 BOTTLECAPS 2,500.0 1.3.781 ABTSLA 2500. 1.3.790 TRADE.DOGE 83.2 1.3.791 PAYBACK 2,500,000,020,000.0 1.3.792 TRADE.DOGE 83.2 1.3.793 IOU.LBA 2,360.0 1.3.801 BTCPREDICT 20.0 1.3.802 PEWPS 9,044.0 1.3.804 SPORTS.SBLAFC 2,460.0 1.3.806 GRAND 0.1 1.3.807 MILLION 0.0 1.3.814 OPEN.EMC 1.66 1.3.815 TRYBITSHARES 30.0 1.3.821 SPORTS.NFLAFC 1,450.0 1.3.822 COMPUCEDS 1,283.0 1.3.823 CONNECT.BTC 0.0 1.3.825 IOU.LUCKY	1.3.750	CONNECT	0.0
1.3.757 OPEN.USD 4.3 1.3.758 GAMEBET 2,314.5 1.3.766 OPEN.EUR 4.7 1.3.767 OPEN.CNY 30.8 1.3.770 FALLOUT 110.0 1.3.771 BOTTLECAPS 2,500.0 1.3.776 OPENPOS 17.3 1.3.781 ABTSLA 250.0 1.3.790 TRADE.DOGE 33.2 1.3.794 PAYBACK 2,500,000,020,000.0 1.3.795 IOU.LBA 2,500.0 1.3.796 REPGENSIXTEEN 20.0 1.3.801 BTCPREDICT 20.0 1.3.801 BTCPREDICT 20.0 1.3.802 PEWPS 9,044.0 1.3.804 SPORTS.SBLAFC 2,460.0 1.3.806 GRAND 0.1 1.3.808 BGIBTS 708.6 1.3.809 MILLION 0.0 1.3.814 OPEN.EMC 16.6 1.3.816 TRYBITSHARES 30.0 1.3.821 SPORTS.NFLAFC 1,450.0 1.3.822 COMPUCEDS 1,283.0 1.3.823 CONNECT.BTC 0.0 1.3.825 IOU.LUCKY 2,162.9 1.3.826 OPEN.BKS 1.2 1.3.827 SOLCERT 164.0 1.3.828 OPEN.BKS 1.2 1.3.829 SUGAR 2,498.1 1.3.830 REPNOMTRUMP 0.3 1.3.831 DEMNOMCLINTON 6,221.7 1.3.832 BTCOIN 2,500.1 1.3.833 WTICRUDE 200.0 1.3.834 SPIVE 125.4 1.3.835 SWALLOW 20.0 1.3.847 ENDWAR 2.0 1.3.848 CONNECT.USD 2,500.0 1.3.848 CONNECT.USD 2,500.0 1.3.849 BTSR 5,114.6	1.3.751	IOU.ANS	24.6
1.3.758 GAMEBET 2,314.5 1.3.766 OPEN.EUR 4.7 1.3.767 OPEN.CNY 30.8 1.3.770 FALLOUT 110.0 1.3.771 BOTTLECAPS 2,500.0 1.3.776 OPENPOS 17.3 1.3.781 ABTSLA 250.0 1.3.790 TRADE.DOGE 33.2 1.3.794 PAYBACK 2,500,000,020,000.0 1.3.795 IOU.LBA 2,360.0 1.3.796 REPGENSIXTEEN 20.0 1.3.801 BTCPREDICT 20.0 1.3.802 PEWPS 9,044.0 1.3.804 SPORTS.SBLAFC 2,460.0 1.3.804 SPORTS.SBLAFC 2,460.0 1.3.808 BGIBTS 708.6 1.3.809 MILLION 0.0 1.3.814 OPEN.EMC 166.6 1.3.816 TRYBITSHARES 30.0 1.3.820 SPORTS.NFLAFC 1,450.0 1.3.821 SPORTS.NFLAFC 40.0 1.3.822 COMPUCEEDS 1,283.0 1.3.823 CONNECT.BTC 0.0 1.3.825 IOU.LUCKY 2,162.9 1.3.826 OPEN.BKS 1.2 1.3.827 SOLCERT 164.0 1.3.829 SUGAR 2,498.1 1.3.830 REPNOMTRUMP 0.3 1.3.831 DEMNOMCLINTON 6,221.7 1.3.833 WTICRUDE 200.0 1.3.834 SPIVE 125.4 1.3.835 SWALLOW 20.0 1.3.847 ENDWAR 2.0 1.3.848 CONNECT.USD 2,500.0 1.3.849 BTSR 5,114.6	1.3.753	OSCAR	0.0
1.3.766 OPEN.EUR 4.7 1.3.767 OPEN.CNY 30.8 1.3.770 FALLOUT 110.0 1.3.771 BOTTLECAPS 2,500.0 1.3.781 ABTSLA 250.0 1.3.790 TRADE.DOGE 33.2 1.3.794 PAYBACK 2,500,000,020,000.0 1.3.795 IOU.LBA 2,360.0 1.3.796 REPGENSIXTEEN 20.0 1.3.801 BTCPREDICT 20.0 1.3.802 PEWPS 9,044.0 1.3.804 SPORTS.SBLAFC 2,460.0 1.3.806 GRAND 0.1 1.3.808 BGIBTS 708.6 1.3.809 MILLION 0.0 1.3.814 OPEN.EMC 16.6 1.3.816 TRYBITSHARES 30.0 1.3.820 SPORTS.NFLAFC 1,450.0 1.3.821 SPORTS.NFLAFC 1,450.0 1.3.822 COMPUCEEDS 1,283.0 1.3.823 CONNECT.BTC 0.0 1.3.824 OPEN.BKS 1.2 1.3.825 IOU.LUCKY 2,162.9 1.3.826 OPEN.BKS 1.2 1.3.827 SOLCERT 164.0 1.3.828 OPEN.BKS 1.2 1.3.829 SUGAR 2,498.1 1.3.830 REPNOMTRUMP 0.3 1.3.831 DEMNOMCLINTON 6,221.7 1.3.832 BTCOIN 2,500.1 1.3.833 WTICRUDE 200.0 1.3.834 SPIVE 1.25.4 1.3.835 SWALLOW 20.0 1.3.847 ENDWAR 2.0 1.3.848 CONNECT.USD 2,500.0 1.3.849 BTSR 5,114.6	1.3.757	OPEN.USD	4.3
1.3.767 OPEN.CNY 30.8 1.3.770 FALLOUT 110.0 1.3.771 BOTTLECAPS 2,500.0 1.3.776 OPENPOS 17.3 1.3.781 ABTSLA 250.0 1.3.790 TRADE.DOGE 33.2 1.3.794 PAYBACK 2,500,000,020,000.0 1.3.795 IOU.LBA 2,360.0 1.3.796 REPGENSIXTEEN 20.0 1.3.801 BTCPREDICT 20.0 1.3.802 PEWPS 9,044.0 1.3.804 SPORTS.SBLAFC 2,460.0 1.3.806 GRAND 0.1 1.3.808 BGIBTS 708.6 1.3.809 MILLION 0.0 1.3.814 OPEN.EMC 16.6 1.3.816 TRYBITSHARES 30.0 1.3.821 SPORTS.NFLAFC 1,450.0 1.3.822 COMPUCEEDS 1,283.0 1.3.823 CONNECT.BTC 0.0 1.3.825 IOU.LUCKY 2,162.9 1.3.826 OPEN.BKS 1.2 1.3.827 SOLCERT 164.0 1.3.829 SUGAR 2,498.1 1.3.820 REPNOMTRUMP 0.3 1.3.831 DEMNOMCLINTON 6,221.7 1.3.832 BTCOIN 2,500.1 1.3.833 WTICRUDE 20.0 1.3.834 SPIVE 125.4 1.3.835 SWALLOW 20.0 1.3.847 ENDWAR 2.0 1.3.848 CONNECT.USD 2,500.0 1.3.849 BTSR 5,114.6	1.3.758	GAMEBET	2,314.5
1.3.770 FALLOUT 110.0 1.3.771 BOTTLECAPS 2,500.0 1.3.776 OPENPOS 17.3 1.3.781 ABTSLA 2500.0 1.3.790 TRADE.DOGE 83.2 1.3.794 PAYBACK 2,500,000,020,000.0 1.3.795 IOU.LBA 2,360.0 1.3.801 BTCPREDICT 20.0 1.3.802 PEWPS 9,044.0 1.3.804 SPORTS.SBLAFC 2,460.0 1.3.806 GRAND 0.1 1.3.808 BGIBTS 708.6 1.3.809 MILLION 0.0 1.3.814 OPEN.EMC 16.6 1.3.816 TRYBITSHARES 30.0 1.3.821 SPORTS.NFLAFC 1,450.0 1.3.822 COMPUCEEDS 1,283.0 1.3.823 CONNECT.BTC 0.0 1.3.825 IOU.LUCKY 2,162.9 1.3.826 OPEN.BKS 1.2 1.3.829 SUGAR 2,498.1 1.3.831 DEMNOMCLINTON	1.3.766	OPEN.EUR	4.7
1.3.771 BOTTLECAPS 2,500.0 1.3.776 OPENPOS 17.3 1.3.781 ABTSLA 250.0 1.3.790 TRADE.DOGE 83.2 1.3.794 PAYBACK 2,500,000,020,000.0 1.3.795 IOU.LBA 2,360.0 1.3.801 BTCPREDICT 20.0 1.3.802 PEWPS 9,044.0 1.3.804 SPORTS.SBLAFC 2,460.0 1.3.806 GRAND 0.1 1.3.808 BGIBTS 708.6 1.3.809 MILLION 0.0 1.3.814 OPEN.EMC 1.66 1.3.820 SPORTS.NFLAFC 1,450.0 1.3.821 SPORTS.NFLAFC 1,450.0 1.3.822 COMPUCEEDS 1,283.0 1.3.823 CONNECT.BTC 0.0 1.3.824 OPENBKS 1.2 1.3.825 IOU.LUCKY 2,162.9 1.3.826 OPENBKS 1.2 1.3.827 SOLCERT 164.0 1.3.829 SUGAR	1.3.767	OPEN.CNY	30.8
1.3.776 OPENPOS 17.3 1.3.781 ABTSLA 250.0 1.3.790 TRADE.DOGE 83.2 1.3.794 PAYBACK 2,500,000,020,000.0 1.3.795 IOU.LBA 2,360.0 1.3.796 REPGENSIXTEEN 20.0 1.3.801 BTCPREDICT 20.0 1.3.802 PEWPS 9,044.0 1.3.804 SPORTS.SBLAFC 2,460.0 1.3.806 GRAND 0.1 1.3.808 BGIBTS 708.6 1.3.809 MILLION 0.0 1.3.814 OPEN.EMC 1.66 1.3.812 TRYBITSHARES 30.0 1.3.820 SPORTS.NFLAFC 1,450.0 1.3.821 SPORTS.NFLAFC 1,450.0 1.3.822 COMPUCEEDS 1,283.0 1.3.823 CONNECT.BTC 0.0 1.3.824 OPENBKS 1.2 1.3.827 SOLCERT 164.0 1.3.829 SUGAR 2,498.1 1.3.831 DEMNOMCLINTON <td>1.3.770</td> <td>FALLOUT</td> <td>110.0</td>	1.3.770	FALLOUT	110.0
1.3.781 ABTSLA 250.0 1.3.790 TRADE.DOGE 83.2 1.3.794 PAYBACK 2,500,000,020,000.0 1.3.795 IOU.LBA 2,360.0 1.3.801 BTCPREDICT 20.0 1.3.802 PEWPS 9,044.0 1.3.804 SPORTS.SBLAFC 2,460.0 1.3.806 GRAND 0.1 1.3.809 MILLION 0.0 1.3.814 OPEN.EMC 1.66 1.3.816 TRYBITSHARES 30.0 1.3.821 SPORTS.NFLAFC 1,450.0 1.3.822 COMPUCEEDS 1,283.0 1.3.823 CONNECT.BTC 0.0 1.3.824 OPENBKS 1.2 1.3.825 IOU.LUCKY 2,162.9 1.3.826 OPENBKS 1.2 1.3.829 SUGAR 2,498.1 1.3.830 REPNOMTRUMP 0.3 1.3.831 DEMNOMCLINTON 6,221.7 1.3.832 BTCOIN 2,500.1 1.3.833 WTICRUDE 200.0 1.3.834 SPFIVE 125.4 <	1.3.771	BOTTLECAPS	2,500.0
1.3.790 TRADE.DOGE 83.2 1.3.794 PAYBACK 2,500,000,020,000.0 1.3.795 IOU.LBA 2,360.0 1.3.796 REPGENSIXTEEN 20.0 1.3.801 BTCPREDICT 20.0 1.3.802 PEWPS 9,044.0 1.3.804 SPORTS.SBLAFC 2,460.0 1.3.806 GRAND 0.1 1.3.809 MILLION 0.0 1.3.814 OPEN.EMC 16.6 1.3.814 OPEN.EMC 16.6 1.3.820 SPORTS.NFLAFC 1,450.0 1.3.821 SPORTS.NFLAFC 40.0 1.3.822 COMPUCEEDS 1,283.0 1.3.823 CONNECT.BTC 0.0 1.3.825 IOU.LUCKY 2,162.9 1.3.826 OPEN.BKS 1.2 1.3.827 SOLCERT 164.0 1.3.829 SUGAR 2,498.1 1.3.830 REPNOMTRUMP 0.3 1.3.831 DEMNOMCLINTON 6,221.7 1.3.833 WTICRUDE 20.0 1.3.834 SPFIVE 125.4 <td>1.3.776</td> <td>OPENPOS</td> <td>17.3</td>	1.3.776	OPENPOS	17.3
1.3.794 PAYBACK 2,500,000,020,000.0 1.3.795 IOU.LBA 2,360.0 1.3.796 REPGENSIXTEEN 20.0 1.3.801 BTCPREDICT 20.0 1.3.802 PEWPS 9,044.0 1.3.804 SPORTS.SBLAFC 2,460.0 1.3.806 GRAND 0.1 1.3.809 MILLION 0.0 1.3.814 OPEN.EMC 16.6 1.3.816 TRYBITSHARES 30.0 1.3.820 SPORTS.NFLAFC 1,450.0 1.3.821 SPORTS.NFLAFC 40.0 1.3.822 COMPUCEEDS 1,283.0 1.3.823 CONNECT.BTC 0.0 1.3.824 OPEN.BKS 1.2 1.3.825 IOU.LUCKY 2,162.9 1.3.826 OPEN.BKS 1.2 1.3.829 SUGAR 2,498.1 1.3.830 REPNOMTRUMP 0.3 1.3.831 DEMNOMCLINTON 6,221.7 1.3.833 WTICRUDE 20.0 1.3.834 SPFIVE 125.4 1.3.833 SWALLOW 20.0 <td>1.3.781</td> <td>ABTSLA</td> <td>250.0</td>	1.3.781	ABTSLA	250.0
1.3.795 IOULBA 2,360.0 1.3.796 REPGENSIXTEEN 20.0 1.3.801 BTCPREDICT 20.0 1.3.802 PEWPS 9,044.0 1.3.804 SPORTS.SBLAFC 2,460.0 1.3.806 GRAND 0.1 1.3.808 BGIBTS 708.6 1.3.809 MILLION 0.0 1.3.814 OPEN.EMC 16.6 1.3.816 TRYBITSHARES 30.0 1.3.820 SPORTS.NFLAFC 1,450.0 1.3.821 SPORTS.NFLAFC 40.0 1.3.822 COMPUCEEDS 1,283.0 1.3.823 CONNECT.BTC 0.0 1.3.825 IOULUCKY 2,162.9 1.3.826 OPENBKS 1.2 1.3.827 SOLCERT 164.0 1.3.828 OPEN.BKS 1.2 1.3.829 SUGAR 2,498.1 1.3.830 REPNOMTRUMP 0.3 1.3.831 DEMNOMCLINTON 6,221.7 1.3.832 BTCOIN 2,500.1 1.3.833 WTICRUDE 20.0	1.3.790	TRADE.DOGE	83.2
1.3.796 REPGENSIXTEEN 20.0 1.3.801 BTCPREDICT 20.0 1.3.802 PEWPS 9,044.0 1.3.804 SPORTS.SBLAFC 2,460.0 1.3.806 GRAND 0.1 1.3.808 BGIBTS 708.6 1.3.809 MILLION 0.0 1.3.814 OPEN.EMC 16.6 1.3.816 TRYBITSHARES 30.0 1.3.820 SPORTS.NFLAFC 1,450.0 1.3.821 SPORTS.NFLNFC 40.0 1.3.822 COMPUCEEDS 1,283.0 1.3.823 CONNECT.BTC 0.0 1.3.825 IOU.LUCKY 2,162.9 1.3.826 OPENBKS 1.2 1.3.827 SOLCERT 164.0 1.3.828 OPEN.BKS 1.2 1.3.829 SUGAR 2,498.1 1.3.830 REPNOMTRUMP 0.3 1.3.831 DEMNOMCLINTON 6,221.7 1.3.832 BTCOIN 2,500.1 1.3.833 WTICRUDE 20.0 1.3.834 SPFIVE 125.4	1.3.794	PAYBACK	2,500,000,020,000.0
1.3.801 BTCPREDICT 20.0 1.3.802 PEWPS 9,044.0 1.3.804 SPORTS.SBLAFC 2,460.0 1.3.806 GRAND 0.1 1.3.808 BGIBTS 708.6 1.3.809 MILLION 0.0 1.3.814 OPEN.EMC 16.6 1.3.816 TRYBITSHARES 30.0 1.3.820 SPORTS.NFLAFC 1,450.0 1.3.821 SPORTS.NFLNFC 40.0 1.3.822 COMPUCEEDS 1,283.0 1.3.823 CONNECT.BTC 0.0 1.3.825 IOU.LUCKY 2,162.9 1.3.826 OPENBKS 1.2 1.3.827 SOLCERT 164.0 1.3.828 OPEN.BKS 1.2 1.3.829 SUGAR 2,498.1 1.3.830 REPNOMTRUMP 0.3 1.3.831 DEMNOMCLINTON 6,221.7 1.3.832 BTCOIN 2,500.1 1.3.833 WTICRUDE 20.0 1.3.834 SPFIVE 125.4 1.3.835 SWALLOW 20.0	1.3.795	IOU.LBA	2,360.0
1.3.802 PEWPS 9,044.0 1.3.804 SPORTS.SBLAFC 2,460.0 1.3.806 GRAND 0.1 1.3.808 BGIBTS 708.6 1.3.809 MILLION 0.0 1.3.814 OPEN.EMC 16.6 1.3.816 TRYBITSHARES 30.0 1.3.820 SPORTS.NFLAFC 1,450.0 1.3.821 SPORTS.NFLNFC 40.0 1.3.822 COMPUCEEDS 1,283.0 1.3.823 CONNECT.BTC 0.0 1.3.825 IOU.LUCKY 2,162.9 1.3.826 OPENBKS 1.2 1.3.827 SOLCERT 164.0 1.3.828 OPEN.BKS 1.2 1.3.829 SUGAR 2,498.1 1.3.830 REPNOMTRUMP 0.3 1.3.831 DEMNOMCLINTON 6,221.7 1.3.832 BTCOIN 2,500.1 1.3.833 WTICRUDE 200.0 1.3.834 SPIVE 125.4 1.3.839 SHAREBIT 32.2 1.3.848 CONNECT.USD 2,500.0 1.3.848 CONNECT.USD 2,500.0 1.3.849 BTSR 5,114.6	1.3.796	REPGENSIXTEEN	20.0
1.3.804 SPORTS.SBLAFC 2,460.0 1.3.806 GRAND 0.1 1.3.809 MILLION 0.0 1.3.814 OPEN.EMC 16.6 1.3.816 TRYBITSHARES 30.0 1.3.820 SPORTS.NFLAFC 1,450.0 1.3.821 SPORTS.NFLNFC 40.0 1.3.822 COMPUCEEDS 1,283.0 1.3.823 CONNECT.BTC 0.0 1.3.825 IOU.LUCKY 2,162.9 1.3.826 OPENBKS 1.2 1.3.827 SOLCERT 164.0 1.3.828 OPEN.BKS 1.2 1.3.829 SUGAR 2,498.1 1.3.830 REPNOMTRUMP 0.3 1.3.831 DEMNOMCLINTON 6,221.7 1.3.832 BTCOIN 2,500.1 1.3.833 WTICRUDE 20.0 1.3.834 SPFIVE 125.4 1.3.835 SWALLOW 20.0 1.3.843 FEDEV 20.0 1.3.844 CONNECT.USD 2,500.0 1.3.849 BTSR 5,114.6 <td>1.3.801</td> <td>BTCPREDICT</td> <td>20.0</td>	1.3.801	BTCPREDICT	20.0
1.3.806 GRAND 0.1 1.3.808 BGIBTS 708.6 1.3.809 MILLION 0.0 1.3.814 OPEN.EMC 16.6 1.3.816 TRYBITSHARES 30.0 1.3.820 SPORTS.NFLAFC 1,450.0 1.3.821 SPORTS.NFLNFC 40.0 1.3.822 COMPUCEEDS 1,283.0 1.3.823 CONNECT.BTC 0.0 1.3.825 IOU.LUCKY 2,162.9 1.3.826 OPENBKS 1.2 1.3.827 SOLCERT 164.0 1.3.828 OPEN.BKS 1.2 1.3.829 SUGAR 2,498.1 1.3.830 REPNOMTRUMP 0.3 1.3.831 DEMNOMCLINTON 6,221.7 1.3.832 BTCOIN 2,500.1 1.3.833 WTICRUDE 200.0 1.3.834 SPFIVE 125.4 1.3.839 SHAREBIT 3.22 1.3.843 FEDEV 2.0 1.3.844 CONNECT.USD 2,500.0 1.3.849 BTSR 5,114.6	1.3.802	PEWPS	9,044.0
1.3.808 BGIBTS 708.6 1.3.809 MILLION 0.0 1.3.814 OPEN.EMC 16.6 1.3.816 TRYBITSHARES 30.0 1.3.820 SPORTS.NFLAFC 1,450.0 1.3.821 SPORTS.NFLNFC 40.0 1.3.822 COMPUCEEDS 1,283.0 1.3.823 CONNECT.BTC 0.0 1.3.825 IOU.LUCKY 2,162.9 1.3.826 OPENBKS 1.2 1.3.827 SOLCERT 164.0 1.3.828 OPEN.BKS 1.2 1.3.829 SUGAR 2,498.1 1.3.830 REPNOMTRUMP 0.3 1.3.831 DEMNOMCLINTON 6,221.7 1.3.832 BTCOIN 2,500.1 1.3.833 WTICRUDE 200.0 1.3.834 SPFIVE 125.4 1.3.835 SWALLOW 20.0 1.3.843 FEDEV 20.0 1.3.844 ENDWAR 2.0 1.3.849 BTSR 5,114.6	1.3.804	SPORTS.SBLAFC	2,460.0
1.3.809 MILLION 0.0 1.3.814 OPEN.EMC 16.6 1.3.816 TRYBITSHARES 30.0 1.3.820 SPORTS.NFLAFC 1,450.0 1.3.821 SPORTS.NFLNFC 40.0 1.3.822 COMPUCEEDS 1,283.0 1.3.823 CONNECT.BTC 0.0 1.3.825 IOU.LUCKY 2,162.9 1.3.826 OPENBKS 1.2 1.3.827 SOLCERT 164.0 1.3.828 OPEN.BKS 1.2 1.3.829 SUGAR 2,498.1 1.3.830 REPNOMTRUMP 0.3 1.3.831 DEMNOMCLINTON 6,221.7 1.3.832 BTCOIN 2,500.1 1.3.833 WTICRUDE 200.0 1.3.834 SPFIVE 125.4 1.3.835 SWALLOW 20.0 1.3.843 FEDEV 20.0 1.3.844 ENDWAR 2.0 1.3.849 BTSR 5,114.6	1.3.806	GRAND	0.1
1.3.814 OPEN.EMC 16.6 1.3.816 TRYBITSHARES 30.0 1.3.820 SPORTS.NFLAFC 1,450.0 1.3.821 SPORTS.NFLNFC 40.0 1.3.822 COMPUCEEDS 1,283.0 1.3.823 CONNECT.BTC 0.0 1.3.825 IOU.LUCKY 2,162.9 1.3.826 OPENBKS 1.2 1.3.827 SOLCERT 164.0 1.3.828 OPEN.BKS 1.2 1.3.829 SUGAR 2,498.1 1.3.830 REPNOMTRUMP 0.3 1.3.831 DEMNOMCLINTON 6,221.7 1.3.832 BTCOIN 2,500.1 1.3.833 WTICRUDE 200.0 1.3.834 SPFIVE 125.4 1.3.835 SWALLOW 20.0 1.3.843 FEDEV 20.0 1.3.847 ENDWAR 2.0 1.3.848 CONNECT.USD 2,500.0 1.3.849 BTSR 5,114.6	1.3.808	BGIBTS	708.6
1.3.816 TRYBITSHARES 30.0 1.3.820 SPORTS.NFLAFC 1,450.0 1.3.821 SPORTS.NFLNFC 40.0 1.3.822 COMPUCEEDS 1,283.0 1.3.823 CONNECT.BTC 0.0 1.3.825 IOU.LUCKY 2,162.9 1.3.826 OPENBKS 1.2 1.3.827 SOLCERT 164.0 1.3.828 OPEN.BKS 1.2 1.3.829 SUGAR 2,498.1 1.3.830 REPNOMTRUMP 0.3 1.3.831 DEMNOMCLINTON 6,221.7 1.3.832 BTCOIN 2,500.1 1.3.833 WTICRUDE 200.0 1.3.834 SPFIVE 125.4 1.3.835 SWALLOW 20.0 1.3.843 FEDEV 20.0 1.3.847 ENDWAR 2.0 1.3.848 CONNECT.USD 2,500.0 1.3.849 BTSR 5,114.6	1.3.809	MILLION	0.0
1.3.820 SPORTS.NFLAFC 1,450.0 1.3.821 SPORTS.NFLNFC 40.0 1.3.822 COMPUCEEDS 1,283.0 1.3.823 CONNECT.BTC 0.0 1.3.825 IOU.LUCKY 2,162.9 1.3.826 OPENBKS 1.2 1.3.827 SOLCERT 164.0 1.3.828 OPEN.BKS 1.2 1.3.829 SUGAR 2,498.1 1.3.830 REPNOMTRUMP 0.3 1.3.831 DEMNOMCLINTON 6,221.7 1.3.832 BTCOIN 2,500.1 1.3.833 WTICRUDE 200.0 1.3.834 SPFIVE 125.4 1.3.835 SWALLOW 20.0 1.3.843 FEDEV 20.0 1.3.847 ENDWAR 2.0 1.3.848 CONNECT.USD 2,500.0 1.3.849 BTSR 5,114.6	1.3.814	OPEN.EMC	16.6
1.3.821 SPORTS.NFLNFC 40.0 1.3.822 COMPUCEEDS 1,283.0 1.3.823 CONNECT.BTC 0.0 1.3.825 IOU.LUCKY 2,162.9 1.3.826 OPENBKS 1.2 1.3.827 SOLCERT 164.0 1.3.828 OPEN.BKS 1.2 1.3.829 SUGAR 2,498.1 1.3.830 REPNOMTRUMP 0.3 1.3.831 DEMNOMCLINTON 6,221.7 1.3.832 BTCOIN 2,500.1 1.3.833 WTICRUDE 200.0 1.3.834 SPFIVE 125.4 1.3.835 SWALLOW 20.0 1.3.843 FEDEV 20.0 1.3.844 CONNECT.USD 2,500.0 1.3.849 BTSR 5,114.6	1.3.816	TRYBITSHARES	30.0
1.3.822 COMPUCEEDS 1,283.0 1.3.823 CONNECT.BTC 0.0 1.3.825 IOU.LUCKY 2,162.9 1.3.826 OPENBKS 1.2 1.3.827 SOLCERT 164.0 1.3.828 OPEN.BKS 1.2 1.3.829 SUGAR 2,498.1 1.3.830 REPNOMTRUMP 0.3 1.3.831 DEMNOMCLINTON 6,221.7 1.3.832 BTCOIN 2,500.1 1.3.833 WTICRUDE 200.0 1.3.834 SPFIVE 125.4 1.3.835 SWALLOW 20.0 1.3.843 FEDEV 20.0 1.3.847 ENDWAR 2.0 1.3.848 CONNECT.USD 2,500.0 1.3.849 BTSR 5,114.6	1.3.820	SPORTS.NFLAFC	1,450.0
1.3.823 CONNECT.BTC 0.0 1.3.825 IOU.LUCKY 2,162.9 1.3.826 OPENBKS 1.2 1.3.827 SOLCERT 164.0 1.3.828 OPEN.BKS 1.2 1.3.829 SUGAR 2,498.1 1.3.830 REPNOMTRUMP 0.3 1.3.831 DEMNOMCLINTON 6,221.7 1.3.832 BTCOIN 2,500.1 1.3.833 WTICRUDE 200.0 1.3.834 SPFIVE 125.4 1.3.835 SWALLOW 20.0 1.3.839 SHAREBIT 32.2 1.3.843 FEDEV 20.0 1.3.847 ENDWAR 2.0 1.3.848 CONNECT.USD 2,500.0 1.3.849 BTSR 5,114.6			
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1.3.849 BTSR 5,114.6			
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	1.3.850	OPEN.ETH	

Asset ID	Symbol	Quantity
1.3.851	IOU.RMB	69.0
1.3.852	IOU.BO	2,500.0
1.3.853	IOU.BOO	2,500.1
1.3.854	OPEN.MUSE	11,462.8
1.3.855	OPEN.NBT	0.0
1.3.856	OPEN.NSR	220.2
1.3.857	OPEN.PPC	24.9
1.3.858	OPEN.DASH	0.0
1.3.859	OPEN.LTC	0.1
1.3.860	OPEN.DOGE	82,845.1
1.3.861	OPEN.BTC	0.6
1.3.865	ZARBTS	13.9
1.3.868	BOTFUND.USD	1.0
1.3.870	IOU.MUSE	23.6
1.3.872	KOKADUKATS	6.2
1.3.873	MAIDSAFECOIN	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	SYSCOIN	2,500.0
1.3.886	RADIUM	2,500.0
1.3.888	BANX	6,499.8
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
1.3.897	BTCPLUS	0.6
1.3.910	AGORAS	2,500.0
1.3.911	MINUTES	2,500.0
1.3.913	TIMEKOIN	998.0
1.3.914	PEOPLE	251.3
1.3.921	CASH.USD	0.0
1.3.924	PEERPLAYS	0.8
1.3.926	DASH	1,300.0
1.3.933	MKR	255.7
1.3.936	COINDAYS	5,846,756,730.0

Asset ID	Symbol	Quantity
1.3.937	COINSECONDS	584,676,701,000,000.0
1.3.938	REPUTATION	5.1
1.3.940	REVO	233,864.4
1.3.943	CADASTRAL	51.3
1.3.946	KITTY	264.2
1.3.948	PATRICK	1.8
1.3.949	TOLLFREEMINUTES	0.9
1.3.950	CAYMAN	16.1
1.3.951	IOU.AAA	3,669.1
1.3.952	ALTCAP	0.1
1.3.953	OWNCOINTRAY	0.0
1.3.956	BTSPLUS	0.0
1.3.957	YXCOIN	865,875.3
1.3.958	BTWTY	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
1.3.964	IOU.FFF	3,669.3
1.3.966	MILLLIONTDD	5,668.3
1.3.967	ABJMARRYME	7.0
1.3.970	FUNC	9,780.0
1.3.971	SONY	0.1
1.3.972	ТОУОТА	3,668,759.6
1.3.973	OPEN.STEEM	122.0
1.3.975	LISKICO	0.9
1.3.976	CASH.BTC	0.0
1.3.977	OPEN.LISK	15.3
1.3.979	OPEN.DGD	9.1
1.3.980	FIMKRYPTO	3,827.5
1.3.983	WORTHLESS	205,464.3
1.3.984	WORTHMORE	0.0
1.3.985	ALTCAP.X	0.0
1.3.986	TRUMP	0.3
1.3.987	CLINTON	352,224.9
1.3.988	SANDERS	22,014.7
1.3.989	WASHINGTON	146,760.3
1.3.990	FRANKLIN	440,280.0
1.3.991	FREEDOM	587,040.0
1.3.992	UNITEDSTATES	0.0
1.3.993	EUROPE	0.0
1.3.994	JINBI	0.2
1.3.998	WETSTOCK	4.4
1.3.999	DRYSTOCK	4.9
1.3.1005	OPEN.DAO	15.0
1.3.1006	ICOO	0.5

Asset ID	Symbol	Quantity
1.3.1010	SPIES	9.0
1.3.1013	RETAILSET	4.3
1.3.1017	ARS	0.0
1.3.1018	TRANS.DAO	90.9
1.3.1019	SASOL	0.4
1.3.1020	OPEN.MKR	1.8
1.3.1022	LISK	2,830.2
1.3.1042	OPEN.USDT	0.1
1.3.1044	OPEN.MAID	1.5
1.3.1045	OPEN.EURT	0.0
1.3.1046	OPEN.AMP	0.6
1.3.1047	GRIDCOIN	0.1
1.3.1048	BIBAO	0.1
1.3.1053	YINCOIN	3,666.6
1.3.1054	JINCOIN	3,669.0
1.3.1056	FIMK	234,853.7
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
1.3.1061	ARTHURCOIN	5,044.0
1.3.1064	OPEN.HEAT	274.4
1.3.1065	CRYPTOCEEDS	7.4
1.3.1066	SSTEEM	3,668.6
1.3.1068	OCEANIA	36.7
1.3.1069	OPEN.ARDR	1.2
1.3.1070	OPEN.SBD	0.9
1.3.1071	HONGLI	146.0
1.3.1072	BLOCKPAY	57.2
1.3.1077	ETHWAR	3,667.2
1.3.1079	OPEN.DEOS	1.0
1.3.1080	FAISAL	141.5
1.3.1081	ETCOIN	0.0
1.3.1093	YOYOW	13.6
1.3.1097	BTSBUG	3,669.0
1.3.1100	RISKER	20.5
1.3.1108	PAYMASTER	1.0
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
1.3.1116	BAIDU	3,669.0
1.3.1117	TMALL	3,669.0
1.3.1118	HOTEL	3,669.0

Asset ID	Symbol	Quantity
1.3.1126	CNRMB	3,669.0
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	РНОТО	3,669.0
1.3.1133	MOUSE	3,669.0
1.3.1139	NIHAO	4,026.3
1.3.1140	ZCASH	1.2
1.3.1141	SURPRISE	3,669.0
1.3.1146	JAPAN	3,669.0
1.3.1152	OPEN.GRC	596.8
1.3.1159	GAMES	3,668.0
1.3.1160	OPEN.GAME	8.6
1.3.1161	OPEN.INCNT	18.0
1.3.1162	STARS	0.0
1.3.1164	ELOAD	0.4
1.3.1165	IOU.XFQ	3,669.3
1.3.1168	CRYPTOINDEX	2,334.8
1.3.1169	TRANS.ANS	55.0
1.3.1178	BKT	587,054.0
1.3.1181	KAPITAL	7.5
1.3.1183	GAME	146,763.0
1.3.1184	OPEN.NXC	6.9
1.3.1188	HEMPSWEET	0.6
1.3.1189	ASSET	3,669.0
1.3.1191	FRONTIER.USD	44.0
1.3.1193	HARUKI	7,338.6
1.3.1196	OPEN.DCT	1.9
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	0.9
1.3.1210	OKCASHBAG	3.7
1.3.1211	VIRGROW	2.1
1.3.1214	TRAIL	366.9
1.3.1215	VIBERZ	3,669.2
1.3.1216	PASSWORD	3,669.0
1.3.1225	NEWBTC	14.7
1.3.1226	MERRYCHRISTMAS	366.1
1.3.1228	FLASH	0.1
1.3.1229	SAVETHEPLANET	266.3
1.3.1231	INVEST.MUSIC	0.6

Asset ID	Symbol	Quantity
1.3.1232	INVEST.GAME	1.0
1.3.1234	BLOCKCHAIN.INDEX	0.1
1.3.1241	LIVENET	3,669.1
1.3.1247	WANGCHANGE	27.6
1.3.1248	THIRSTY	0.7
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	0.5
1.3.1263	TETHERUSD	11.0
1.3.1265	LEOUSD	0.0
1.3.1266	LEOGBP	0.0
1.3.1267	GALLEON	0.0
1.3.1272	ETFBTC	1,824.7
1.3.1279	RADIX	3,669.0
1.3.1285	KEEPC	0.6
1.3.1286	KEEPCOIN	1.2
1.3.1289	DINAR	0.1
1.3.1290	BBBAA	33.0
1.3.1295	USDT	146.8
1.3.1296	MAID	146.8
1.3.1297	DEXCOIN	3,669.0
1.3.1299	TESTCOIN	18.0
1.3.1300	WANGCENTS	15.0
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 24. Fees collected by the blockchain from 2015-11 through 2017-04 for limit order cancel operation

Asset ID	Symbol	Quantity
1.3.0	BTS	55,796.7

1.3.103 BTC 1.3.105 SILVER 1.3.106 GOLD 1.3.113 CNY	0.0 0.0 0.3 0.0
1.3.106 GOLD 1.3.113 CNY	0.0
1.3.113 CNY	0.3
	0.0
1240	
1.3.118 GBP	0.0
1.3.120 EUR	
1.3.121 USD	0.0
1.3.349 TRADE.LTC	0.0
1.3.350 TRADE.BTC	0.0
1.3.555 HRYVNA	0.3
1.3.562 OBITS	0.3
1.3.569 OPENBTC	0.0
1.3.585 QBITS 45	36.4
1.3.590 OPENMUSE	2.0
1.3.592 METAEX.BTC	0.0
1.3.593 METAEX.ETH	0.0
1.3.599 TRADE.MUSE	1.1
1.3.607 PERKS	0.0
1.3.609 IOU.CNY	0.0
1.3.614 GSTAMP	0.1
1.3.629 IOU.ABC	5.2
1.3.640 MONEYCLUB	0.0
1.3.658 FISTBUMP	0.0
1.3.670 MEGUSTA	0.0
1.3.678 KUDOS	3.6
1.3.734 TCNY	0.0
1.3.745 BLOCKCHAINFUND	0.0
1.3.746 ANTSHARE	0.0
1.3.757 OPEN.USD 1.3.758 GAMEBET	0.1
1.3.758 GAMEBET 1.3.766 OPEN.EUR	0.1
1.3.776 OPEN.EUR 1.3.776 OPENPOS	0.0
1.3.800 COPPERTICKET	0.0
1.3.802 PEWPS	1.5
1.3.806 GRAND	0.0
1.3.808 BGIBTS	0.0
1.3.814 OPEN.EMC	0.0
1.3.822 COMPUCEEDS	0.0
1.3.825 IOU.LUCKY	0.0
1.3.826 OPENBKS	0.0
1.3.827 SOLCERT 2	21.0
1.3.839 SHAREBIT	0.0
1.3.849 BTSR	0.0
1.3.850 OPEN.ETH	0.0
1.3.854 OPEN.MUSE	3.5
1.3.855 OPEN.NBT	0.0

Asset ID	Symbol	Quantity
1.3.856	OPEN.NSR	0.0
1.3.857	OPEN.PPC	0.0
1.3.858	OPEN.DASH	0.0
1.3.859	OPEN.LTC	0.0
1.3.860	OPEN.DOGE	8.3
1.3.861	OPEN.BTC	0.0
1.3.888	BANX	0.0
1.3.897	BTCPLUS	0.0
1.3.899	ENTREPRENEUR	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
1.3.956	BTSPLUS	0.0
1.3.958	BTWTY	0.0
1.3.970	FUNC	0.0
1.3.973	OPEN.STEEM	0.0
1.3.976	CASH.BTC	0.0
1.3.977	OPEN.LISK	0.6
1.3.979	OPEN.DGD	0.0
1.3.980	FIMKRYPTO	0.9
1.3.987	CLINTON	0.0
1.3.988	SANDERS	0.0
1.3.990	FRANKLIN	0.0
1.3.992	UNITEDSTATES	0.0
1.3.998	WETSTOCK	0.0
1.3.1005	OPEN.DAO	0.1
1.3.1006	ICOO	0.0
1.3.1010	SPIES	0.0
1.3.1018	TRANS.DAO	0.0
1.3.1022	LISK	0.0
1.3.1041	OPEN.OMNI	0.0
1.3.1042	OPEN.USDT	0.0
1.3.1044	OPEN.MAID	0.0
1.3.1046	OPEN.AMP	0.0
1.3.1056	FIMK	0.6
1.3.1064	OPEN.HEAT	2.1
1.3.1065	CRYPTOCEEDS	0.0
1.3.1070	OPEN.SBD	0.0
1.3.1072	BLOCKPAY	0.0
1.3.1093	YOYOW	0.8
1.3.1100	RISKER	0.0
1.3.1109	YYBTS	14.7
1.3.1139	NIHAO	0.1
1.3.1140	ZCASH	0.0

Asset ID	Symbol	Quantity
1.3.1152	OPEN.GRC	0.1
1.3.1160	OPEN.GAME	0.0
1.3.1161	OPEN.INCNT	0.2
1.3.1168	CRYPTOINDEX	0.1
1.3.1181	KAPITAL	0.1
1.3.1184	OPEN.NXC	0.3
1.3.1191	FRONTIER.USD	1.5
1.3.1196	OPEN.DCT	0.1
1.3.1199	TASKMANAGER	0.0
1.3.1209	OPEN.WAVES	0.0
1.3.1214	TRAIL	0.0
1.3.1226	MERRYCHRISTMAS	0.0
1.3.1229	SAVETHEPLANET	0.1
1.3.1231	INVEST.MUSIC	0.0
1.3.1234	BLOCKCHAIN.INDEX	0.0
1.3.1272	ETFBTC	0.0
1.3.1286	KEEPCOIN	0.0
1.3.1290	BBBAA	4.0
1.3.1292	DEXBTC	0.0
1.3.1317	ZCOIN	0.0
1.3.1318	LILWANGS	0.0
1.3.1331	IOU.BCS	0.0
1.3.1347	EVETAB	0.1
1.3.1352	QORA	0.0

Table 25. Fees collected by the blockchain from 2015-11 through 2017-04 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	74,590.9

Table 26. Fees collected by the blockchain from 2015-11 through 2017-04 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	8,413,705.4

Table 27. Fees collected by the blockchain from 2015-11 through 2017-04 for account update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	21,914.2
1.3.113	CNY	0.1
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	22,877.0
1.3.590	OPENMUSE	1.5
1.3.659	OPENSESAME	0.5

Asset ID	Symbol	Quantity
1.3.745	BLOCKCHAINFUND	0.3
1.3.822	COMPUCEEDS	0.1
1.3.826	OPENBKS	0.0
1.3.827	SOLCERT	4.0
1.3.850	OPEN.ETH	0.0
1.3.860	OPEN.DOGE	19.8
1.3.861	OPEN.BTC	0.0
1.3.897	BTCPLUS	0.0
1.3.907	WECHAT	0.3
1.3.924	PEERPLAYS	0.0
1.3.933	MKR	0.0
1.3.1064	OPEN.HEAT	2.1
1.3.1072	BLOCKPAY	0.0
1.3.1139	NIHAO	0.2
1.3.1236	MONEDAPAR	0.1
1.3.1290	BBBAA	3.0

Table 28. Fees collected by the blockchain from 2015-11 through 2017-04 for account whitelisting operation

Asset ID	Symbol	Quantity
1.3.0	BTS	9,852.5

Table 29. Fees collected by the blockchain from 2015-11 through 2017-04 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	12,460,837.7
1.3.113	CNY	1,608.9
1.3.861	OPEN.BTC	0.6

Table 30. Fees collected by the blockchain from 2015-11 through 2017-04 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	24,547,510.4

Table 31. Fees collected by the blockchain from 2015-11 through 2017-04 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	248,782.0

Table 32. Fees collected by the blockchain from 2015-11 through 2017-04 for asset update BitAsset operation

Asset ID	Symbol	Quantity
1.3.0	BTS	26,079.3

Table 33. Fees collected by the blockchain from 2015-11 through 2017-04 for asset update feed producers operation

Asset ID	Symbol	Quantity
1.3.0	BTS	12,007.3

Table 34. Fees collected by the blockchain from 2015-11 through 2017-04 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	34,554.6

Table 35. Fees collected by the blockchain from 2015-11 through 2017-04 for asset reserve operation

Asset ID	Symbol	Quantity
1.3.0	BTS	4,582.1

Table 36. Fees collected by the blockchain from 2015-11 through 2017-04 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	9,876.4

Table 37. Fees collected by the blockchain from 2015-11 through 2017-04 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	32,568.3

Table 38. Fees collected by the blockchain from 2015-11 through 2017-04 for asset global settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	4,467.6
1.3.796	REPGENSIXTEEN	1,000.0

Table 39. Fees collected by the blockchain from 2015-11 through 2017-04 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	697,388.4

Table 40. Fees collected by the blockchain from 2015-11 through 2017-04 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	16,366.5

Table 41. Fees collected by the blockchain from 2015-11 through 2017-04 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	45,802.5
1.3.120	EUR	0.1

Table 42. Fees collected by the blockchain from 2015-11 through 2017-04 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,868.0

Table 43. Fees collected by the blockchain from 2015-11 through 2017-04 for proposal delete operation

Asset ID	Symbol	Quantity
1.3.0	BTS	6.0

Table 44. Fees collected by the blockchain from 2015-11 through 2017-04 for withdraw permission create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	22.0

Table 45. Fees collected by the blockchain from 2015-11 through 2017-04 for committee member create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	3,702.1

Table 46. Fees collected by the blockchain from 2015-11 through 2017-04 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	329,340.1

Table 47. Fees collected by the blockchain from 2015-11 through 2017-04 for worker create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	158,504.7

Table 48. Fees collected by the blockchain from 2015-11 through 2017-04 for custom operation

Asset ID	Symbol	Quantity
1.3.0	BTS	489.9

Table 49. Fees collected by the blockchain from 2015-11 through 2017-04 for assert operation

Asset ID	Symbol	Quantity
1.3.113	CNY	5.8

Table 50. Fees collected by the blockchain from 2015-11 through 2017-04 for override transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	143,682.1

Table 51. Fees collected by the blockchain from 2015-11 through 2017-04 for transfer to blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,007.6

Table 52. Fees collected by the blockchain from 2015-11 through 2017-04 for blind transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,215.0
1.3.118	GBP	0.3
1.3.120	EUR	0.2
1.3.121	USD	0.3

Table 53. Fees collected by the blockchain from 2015-11 through 2017-04 for transfer from blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	637.3
1.3.118	GBP	0.3
1.3.120	EUR	0.4
1.3.121	USD	0.4

Table 54. Fees collected by the blockchain from 2015-11 through 2017-04 for asset claim fees operation

Asset ID	Symbol	Quantity
1.3.0	BTS	19,700.2
1.3.820	SPORTS.NFLAFC	1,050.0
1.3.821	SPORTS.NFLNFC	2,460.0
1.3.830	REPNOMTRUMP	2,500.0

Table 55. Fees collected by blockchain during 2015-10 for transfer operation

Table 56. Fees collected by blockchain during 2015-10 for limit order create operation

Table 57. Fees collected by blockchain during 2015-10 for limit order cancel operation

Asset ID	Symbol	Quantity
1.3.0	BTS	28,860.0

Table 58. Fees collected by blockchain during 2015-10 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	457,572.0

Table 59. Fees collected by blockchain during 2015-10 for account update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	9,754.6

Table 60. Fees collected by blockchain during 2015-10 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,870,000.0

Table 61. Fees collected by blockchain during 2015-10 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	480,000.0

Table 62. Fees collected by blockchain during 2015-10 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	13,000.0

Table 63. Fees collected by blockchain during 2015-10 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,965.2

Table 64. Fees collected by blockchain during 2015-10 for asset fund fee pool operation

Asset ID	Symbol	Quantity	
1.3.0	BTS	92.0	

Table 65. Fees collected by blockchain during 2015-10 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,000.0

Table 66. Fees collected by blockchain during 2015-10 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	345,599.3

Table 67. Fees collected by blockchain during 2015-10 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	6,060.0

Table 68. Fees collected by blockchain during 2015-10 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	300.0

Table 69. Fees collected by blockchain during 2015-10 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	19.0

Table 70. Fees collected by blockchain during 2015-10 for committee member create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	13.0

Table 71. Fees collected by blockchain during 2015-10 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	158.0

Table 72. Fees collected by blockchain during 2015-10 for worker create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	14.0

Table 73. Fees collected by blockchain during 2015-10 for transfer to blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	705.0

Table 74. Fees collected by blockchain during 2015-10 for blind transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	525.0

Table 75. Fees collected by blockchain during 2015-10 for transfer from blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	135.0

Table 76. 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	METAFEES	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

Asset ID	Symbol	Quantity
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
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 77. 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

Asset ID	Symbol	Quantity
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
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 78. Fees collected by blockchain during 2015-11 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	28,880.0

Table 79. Fees collected by blockchain during 2015-11 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	449,164.0

Table 80. Fees collected by blockchain during 2015-11 for account update operation

	Asset ID	Symbol	Quantity
1.3.0		BTS	7,014.2

Table 81. Fees collected by blockchain during 2015-11 for account update operation

Asset ID	Symbol	Quantity	
1.3.0	BTS	6.0	

Table 82. Fees collected by blockchain during 2015-11 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,284,000.0

Table 83. Fees collected by blockchain during 2015-11 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,150,000.0

Table 84. Fees collected by blockchain during 2015-11 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	15,967.4

Table 85. Fees collected by blockchain during 2015-11 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	6,898.9

Table 86. Fees collected by blockchain during 2015-11 for asset issue operation

	Asset ID	Symbol	Quantity
1.3.0		BTS	158.0

Table 87. Fees collected by blockchain during 2015-11 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	158.0

Table 88. Fees collected by blockchain during 2015-11 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	8,000.0

Table 89. Fees collected by blockchain during 2015-11 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	26,041.6

Table 90. Fees collected by blockchain during 2015-11 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,680.0

Table 91. Fees collected by blockchain during 2015-11 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	320.0

Table 92. Fees collected by blockchain during 2015-11 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	74.0

Table 93. Fees collected by blockchain during 2015-11 for committee member create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	8.0

Table 94. Fees collected by blockchain during 2015-11 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	110.0

Table 95. Fees collected by blockchain during 2015-11 for worker create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	18.0

Table 96. Fees collected by blockchain during 2015-11 for custom operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2.0

Table 97. Fees collected by blockchain during 2015-11 for transfer to blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	80.0

Table 98. Fees collected by blockchain during 2015-11 for blind transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	105.0

Table 99. Fees collected by blockchain during 2015-11 for transfer from blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	20.0

Table 100. Fees collected by blockchain during 2015-12 for transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	132,968.6
1.3.103	втс	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	METAFEES	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
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

Asset ID	Symbol	Quantity
1.3.776	OPENPOS	1.3
1.3.777	MERRY.CHRISTMAS	64.2

Table 101. 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	METAFEES	0.4
1.3.541	AIWCNY	44.4
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

Asset ID	Symbol	Quantity
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 102. Fees collected by blockchain during 2015-12 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	12,830.0

Table 103. Fees collected by blockchain during 2015-12 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	158,736.6

Table 104. Fees collected by blockchain during 2015-12 for account update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,557.6

Table 105. Fees collected by blockchain during 2015-12 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	492,000.0

Table 106. Fees collected by blockchain during 2015-12 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,095,000.0

Table 107. Fees collected by blockchain during 2015-12 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,687.2

Table 108. Fees collected by blockchain during 2015-12 for asset update BitAsset operation

Asset ID	Symbol	Quantity
1.3.0	BTS	5,000.0

Table 109. Fees collected by blockchain during 2015-12 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,883.5

Table 110. Fees collected by blockchain during 2015-12 for asset reserve operation

Asset ID	Symbol	Quantity
1.3.0	BTS	80.0

Table 111. Fees collected by blockchain during 2015-12 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	8.0

Table 112. Fees collected by blockchain during 2015-12 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	6,400.0

Table 113. Fees collected by blockchain during 2015-12 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	41,485.0

Table 114. Fees collected by blockchain during 2015-12 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	3,440.0

Table 115. Fees collected by blockchain during 2015-12 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,080.0

Table 116. Fees collected by blockchain during 2015-12 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	134.0

Table 117. Fees collected by blockchain during 2015-12 for committee member create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	6.0

Table 118. Fees collected by blockchain during 2015-12 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	120.0

Table 119. Fees collected by blockchain during 2015-12 for worker create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	6.0

Table 120. Fees collected by blockchain during 2015-12 for transfer to blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	120.0

Table 121. Fees collected by blockchain during 2015-12 for blind transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	60.0

Table 122. 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	METAFEES	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

Asset ID	Symbol	Quantity
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 123. 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	METAFEES	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

Asset ID	Symbol	Quantity
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
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 124. 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 125. Fees collected by blockchain during 2016-01 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,029.0

Table 126. Fees collected by blockchain during 2016-01 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	166,076.9

Table 127. Fees collected by blockchain during 2016-01 for account update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	394.1

Table 128. Fees collected by blockchain during 2016-01 for account whitelisting operation

Asset ID	Symbol	Quantity
1.3.0	BTS	54.0

Table 129. Fees collected by blockchain during 2016-01 for account upgrade operation

Ass	et ID	Symbol	Quantity
1.3.0	В	STS	756,000.0

Table 130. Fees collected by blockchain during 2016-01 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	280,006.6

Table 131. Fees collected by blockchain during 2016-01 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,546.1

Table 132. Fees collected by blockchain during 2016-01 for asset update BitAsset operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,000.0

Table 133. 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 134. Fees collected by blockchain during 2016-01 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	3,405.8

Table 135. Fees collected by blockchain during 2016-01 for asset reserve operation

Asset ID	Symbol	Quantity
1.3.0	BTS	760.0

Table 136. Fees collected by blockchain during 2016-01 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	10.0

Table 137. Fees collected by blockchain during 2016-01 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	6,800.0

Table 138. 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 139. Fees collected by blockchain during 2016-01 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	50,529.8

Table 140. Fees collected by blockchain during 2016-01 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,760.0

Table 141. 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 142. Fees collected by blockchain during 2016-01 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	122.5

Table 143. Fees collected by blockchain during 2016-01 for proposal delete operation

Asset ID	Symbol	Quantity
1.3.0	BTS	4.0

Table 144. Fees collected by blockchain during 2016-01 for committee member create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	6.0

Table 145. Fees collected by blockchain during 2016-01 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	262.0

Table 146. Fees collected by blockchain during 2016-01 for worker create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2.0

Table 147. Fees collected by blockchain during 2016-01 for custom operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2.0

Table 148. 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	REPNOMTRUMP	2,500.0

Table 149. 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	METAFEES	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

Asset ID	Symbol	Quantity
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 150. 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	METAFEES	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

Asset ID	Symbol	Quantity
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
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 151. 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 152. Fees collected by blockchain during 2016-02 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	768.0

Table 153. Fees collected by blockchain during 2016-02 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	231,524.1

Table 154. Fees collected by blockchain during 2016-02 for account update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	421.4

Table 155. Fees collected by blockchain during 2016-02 for account whitelisting operation

Asse	et ID	Symbol	Quantity
1.3.0	:	BTS	24.0

Table 156. Fees collected by blockchain during 2016-02 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	664,000.0

Table 157. Fees collected by blockchain during 2016-02 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,655,025.0

Table 158. Fees collected by blockchain during 2016-02 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,484.9

Table 159. Fees collected by blockchain during 2016-02 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	3,086.4

Table 160. Fees collected by blockchain during 2016-02 for asset reserve operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,920.0

Table 161. Fees collected by blockchain during 2016-02 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	18.0

Table 162. Fees collected by blockchain during 2016-02 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	5,200.0

Table 163. Fees collected by blockchain during 2016-02 for asset global settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,000.0

Table 164. Fees collected by blockchain during 2016-02 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	29,061.2

Table 165. Fees collected by blockchain during 2016-02 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,600.0

Table 166. Fees collected by blockchain during 2016-02 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,137.2

Table 167. Fees collected by blockchain during 2016-02 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	110.2

Table 168. Fees collected by blockchain during 2016-02 for proposal delete operation

	Asset ID	Symbol	Quantity
1.3.	.0	BTS	2.0

Table 169. Fees collected by blockchain during 2016-02 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	346.0

Table 170. Fees collected by blockchain during 2016-02 for worker create operation

Asset ID	Symbol	Quantity]
1.3.0	BTS	8.0	1

Table 171. Fees collected by blockchain during 2016-02 for custom operation

Asset ID	Symbol	Quantity
1.3.0	BTS	58.3

Table 172. Fees collected by blockchain during 2016-02 for transfer to blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	160.0

Table 173. Fees collected by blockchain during 2016-02 for blind transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	15.0

Table 174. Fees collected by blockchain during 2016-02 for transfer from blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	20.0

Table 175. Fees collected by blockchain during 2016-02 for asset claim fees operation

Asset ID	Symbol	Quantity
1.3.0	BTS	140.0

Table 176. 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
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 177. 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

Asset ID	Symbol	Quantity
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
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

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

Table 178. Fees collected by blockchain during 2016-03 for limit order cancel operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,812.8

Table 179. Fees collected by blockchain during 2016-03 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	317.9

Table 180. Fees collected by blockchain during 2016-03 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	138,680.7

Table 181. Fees collected by blockchain during 2016-03 for account update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	148.6

Table 182. Fees collected by blockchain during 2016-03 for account whitelisting operation

Asset ID	Symbol	Quantity
1.3.0	BTS	82.1

Table 183. Fees collected by blockchain during 2016-03 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,001,820.5

Table 184. Fees collected by blockchain during 2016-03 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	5,091,580.4

Table 185. Fees collected by blockchain during 2016-03 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	27,705.5

Table 186. Fees collected by blockchain during 2016-03 for asset update BitAsset operation

Asset ID	Symbol	Quantity
1.3.0	BTS	733.8

Table 187. Fees collected by blockchain during 2016-03 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	4,986.6

Table 188. Fees collected by blockchain during 2016-03 for asset reserve operation

Asset ID	Symbol	Quantity
1.3.0	BTS	908.7

Table 189. 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 190. Fees collected by blockchain during 2016-03 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	251.8

Table 191. Fees collected by blockchain during 2016-03 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	15,774.6

Table 192. Fees collected by blockchain during 2016-03 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	102.9

Table 193. Fees collected by blockchain during 2016-03 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	297.0

Table 194. Fees collected by blockchain during 2016-03 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	30.7

Table 195. Fees collected by blockchain during 2016-03 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	33,643.0

Table 196. Fees collected by blockchain during 2016-03 for worker create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	26,369.6

Table 197. Fees collected by blockchain during 2016-03 for custom operation

Asset ID	Symbol	Quantity
1.3.0	BTS	211.5

Table 198. Fees collected by blockchain during 2016-03 for transfer to blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	172.1

Table 199. Fees collected by blockchain during 2016-03 for asset claim fees operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,288.9

Table 200. 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

Asset ID	Symbol	Quantity
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.DOGE	94.0
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.DOGE	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 201. Fees collected by blockchain during 2016-04 for limit order create operation

In annual of a second		
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

Asset ID	Symbol	Quantity
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
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	REPNOMTRUMP	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.DOGE	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	MILLLIONTDD	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

Asset ID	Symbol	Quantity
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
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 202. 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 203. Fees collected by blockchain during 2016-04 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	156.4

Table 204. Fees collected by blockchain during 2016-04 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	48,609.5



Table 205. 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 206. Fees collected by blockchain during 2016-04 for account whitelisting operation

Asset ID	Symbol	Quantity
1.3.0	BTS	44.0

Table 207. Fees collected by blockchain during 2016-04 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	862,969.3

Table 208. Fees collected by blockchain during 2016-04 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	836,562.1

Table 209. Fees collected by blockchain during 2016-04 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	22,031.5

Table 210. Fees collected by blockchain during 2016-04 for asset update BitAsset operation

Asset ID	Symbol	Quantity
1.3.0	BTS	733.8

Table 211. 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 212. Fees collected by blockchain during 2016-04 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	370.5

Table 213. Fees collected by blockchain during 2016-04 for asset reserve operation

Asset ID	Symbol	Quantity
1.3.0	BTS	6.2

Table 214. Fees collected by blockchain during 2016-04 for asset fund fee pool operation

Asset ID	Symbol	Quantity
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1.3.0	BTS	440.3

Table 215. Fees collected by blockchain during 2016-04 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	675.1

Table 216. Fees collected by blockchain during 2016-04 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	40,536.1

Table 217. Fees collected by blockchain during 2016-04 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	30.8

Table 218. Fees collected by blockchain during 2016-04 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,957.9

Table 219. Fees collected by blockchain during 2016-04 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	102.3

Table 220. Fees collected by blockchain during 2016-04 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	24,362.7

Table 221. Fees collected by blockchain during 2016-04 for worker create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	7,338.2

Table 222. Fees collected by blockchain during 2016-04 for custom operation

Asset ID	Symbol	Quantity
1.3.0	BTS	22.1

Table 223. Fees collected by blockchain during 2016-04 for transfer to blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	41.1

Table 224. Fees collected by blockchain during 2016-04 for blind transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	45.0

Table 225. Fees collected by blockchain during 2016-04 for transfer from blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	61.6

Table 226. Fees collected by blockchain during 2016-04 for asset claim fees operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,467.6

Table 227. 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.DOGE	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	DEMNOMCLINTON	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.DOGE	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 228. 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.DOGE	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	BTCOIN	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.DOGE	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 229. 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	COMPUCEEDS	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 230. Fees collected by blockchain during 2016-05 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	131.9

Table 231. Fees collected by blockchain during 2016-05 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	50,737.8

Table 232. 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	COMPUCEEDS	0.0
1.3.861	OPEN.BTC	0.0

Table 233. Fees collected by blockchain during 2016-05 for account whitelisting operation

Asset ID	Symbol	Quantity
1.3.0	BTS	44.0

Table 234. 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 235. Fees collected by blockchain during 2016-05 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,260,165.4

Table 236. Fees collected by blockchain during 2016-05 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	12,635.3

Table 237. Fees collected by blockchain during 2016-05 for asset update BitAsset operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,467.6

Table 238. Fees collected by blockchain during 2016-05 for asset update feed producers operation

Asset ID	Symbol	Quantity
1.3.0	BTS	733.8

Table 239. Fees collected by blockchain during 2016-05 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	591.8

Table 240. Fees collected by blockchain during 2016-05 for asset reserve operation

Asset ID	Symbol	Quantity
1.3.0	BTS	3.1

Table 241. Fees collected by blockchain during 2016-05 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	513.7

Table 242. Fees collected by blockchain during 2016-05 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	506.3

Table 243. Fees collected by blockchain during 2016-05 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	12,065.1

Table 244. Fees collected by blockchain during 2016-05 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	41.1

Table 245. Fees collected by blockchain during 2016-05 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,501.6

Table 246. Fees collected by blockchain during 2016-05 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	134.1

Table 247. Fees collected by blockchain during 2016-05 for committee member create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,467.6

Table 248. Fees collected by blockchain during 2016-05 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	23,775.7

Table 249. Fees collected by blockchain during 2016-05 for worker create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	22,014.5

Table 250. Fees collected by blockchain during 2016-05 for custom operation

Asset ID	Symbol	Quantity
1.3.0	BTS	5.8

Table 251. Fees collected by blockchain during 2016-05 for asset claim fees operation

Asset ID	Symbol	Quantity
1.3.0	BTS	440.3

Table 252. Fees collected by blockchain during 2016-06 for transfer operation

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 253. 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.DOGE	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.DOGE	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 254. 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.DOGE	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 255. Fees collected by blockchain during 2016-06 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	166.6

Table 256. Fees collected by blockchain during 2016-06 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	46,467.7

Table 257. 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 258. Fees collected by blockchain during 2016-06 for account whitelisting operation

Asset ID	Symbol	Quantity
1.3.0	BTS	88.1

Table 259. Fees collected by blockchain during 2016-06 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	281,785.9

Table 260. Fees collected by blockchain during 2016-06 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	425,618.6

Table 261. Fees collected by blockchain during 2016-06 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	19,979.7

Table 262. Fees collected by blockchain during 2016-06 for asset update BitAsset operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,201.5

Table 263. Fees collected by blockchain during 2016-06 for asset update feed producers operation

Asset ID	Symbol	Quantity
1.3.0	BTS	733.8

Table 264. Fees collected by blockchain during 2016-06 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	985.1

Table 265. Fees collected by blockchain during 2016-06 for asset reserve operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2.8

Table 266. Fees collected by blockchain during 2016-06 for asset fund fee pool operation

Asset ID	Symbol	Quantity	
1.3.0	BTS	440.3	

Table 267. Fees collected by blockchain during 2016-06 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	330.2

Table 268. Fees collected by blockchain during 2016-06 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	5,761.7

Table 269. Fees collected by blockchain during 2016-06 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	13.2

Table 270. Fees collected by blockchain during 2016-06 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,105.1

Table 271. Fees collected by blockchain during 2016-06 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	49.2

Table 272. Fees collected by blockchain during 2016-06 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	27,885.1

Table 273. Fees collected by blockchain during 2016-06 for worker create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	14,676.3

Table 274. Fees collected by blockchain during 2016-06 for custom operation

Asset ID	Symbol	Quantity
1.3.0	BTS	27.2

Table 275. Fees collected by blockchain during 2015-11 for override transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	5,870.5

Table 276. Fees collected by blockchain during 2016-06 for asset claim fees operation

Asset ID	Symbol	Quantity
1.3.0	BTS	733.8

Table 277. 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.DOGE	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.ARDR	5.8
1.3.1079	OPEN.DEOS	56.9

Table 278. 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.DOGE	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	MILLLIONTDD	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.ARDR	0.6
1.3.1080	FAISAL	0.4

Table 279. 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.DOGE	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 280. Fees collected by blockchain during 2016-07 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	145.9

Table 281. Fees collected by blockchain during 2016-07 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	283,953.0

Table 282. 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.DOGE	19.8
1.3.861	OPEN.BTC	0.0
1.3.907	WECHAT	0.3
1.3.933	MKR	0.0

Table 283. Fees collected by blockchain during 2016-07 for account whitelisting operation

Asset ID	Symbol	Quantity
1.3.0	BTS	58.7

Table 284. Fees collected by blockchain during 2016-07 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	634,018.2

Table 285. Fees collected by blockchain during 2016-07 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	161,448.1

Table 286. Fees collected by blockchain during 2016-07 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	10,880.3

Table 287. 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 288. Fees collected by blockchain during 2016-07 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	263.8

Table 289. Fees collected by blockchain during 2016-07 for asset reserve operation

Asset ID	Symbol	Quantity
1.3.0	BTS	3.1

Table 290. Fees collected by blockchain during 2016-07 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	293.5

Table 291. Fees collected by blockchain during 2016-07 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	132.1

Table 292. Fees collected by blockchain during 2016-07 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	12,694.4

Table 293. Fees collected by blockchain during 2016-07 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	36.7

Table 294. Fees collected by blockchain during 2016-07 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	3,021.2

Table 295. Fees collected by blockchain during 2016-07 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	165.2

Table 296. Fees collected by blockchain during 2016-07 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	19,666.3

Table 297. Fees collected by blockchain during 2016-07 for worker create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	7,338.2

Table 298. Fees collected by blockchain during 2016-07 for custom operation

Asset ID	Symbol	Quantity
1.3.0	BTS	12.1

Table 299. Fees collected by blockchain during 2016-07 for override transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,467.6

Table 300. Fees collected by blockchain during 2016-07 for asset claim fees operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,201.5

Table 301. Fees collected by blockchain during 2016-08 for transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	26,548.3
1.3.103	втс	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
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

Asset ID	Symbol	Quantity
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 302. 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	втс	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	METAFEES	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
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 1.3.822 COMPUCEEDS 1.3.827 SOLCERT 1.3.832 BTCOIN 1.3.849 BTSR 1.3.850 OPEN.ETH	0.0 0.0 2.0 0.4 0.2 0.0 29.4 0.0
1.3.827 SOLCERT 1.3.832 BTCOIN 1.3.849 BTSR	2.0 0.4 0.2 0.0 29.4
1.3.832 BTCOIN 1.3.849 BTSR	0.4 0.2 0.0 29.4
1.3.849 BTSR	0.2 0.0 29.4
	0.0 29.4
1.3.850 OPEN.ETH	29.4
1.3.854 OPEN.MUSE	0.0
1.3.858 OPEN.DASH	
1.3.860 OPEN.DOGE	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 CRYPTOCEEDS	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
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 303. 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 304. Fees collected by blockchain during 2016-08 for call order update operation

	Asset ID	Symbol	Quantity
1.	.3.0	BTS	159.5

Table 305. Fees collected by blockchain during 2016-08 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,145,075.6

Table 306. 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 307. Fees collected by blockchain during 2016-08 for account whitelisting operation

Asset ID	Symbol	Quantity
1.3.0	BTS	132.1

Table 308. Fees collected by blockchain during 2016-08 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	686,853.1

Table 309. Fees collected by blockchain during 2016-08 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	337,569.1

Table 310. Fees collected by blockchain during 2016-08 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	14,693.6

Table 311. Fees collected by blockchain during 2016-08 for asset update BitAsset operation

Asset ID	Symbol	Quantity
1.3.0	BTS	4,402.9

Table 312. Fees collected by blockchain during 2016-08 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	220.5

Table 313. Fees collected by blockchain during 2016-08 for asset reserve operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2.2

Table 314. Fees collected by blockchain during 2016-08 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	146.8

Table 315. Fees collected by blockchain during 2016-08 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	168.8

Table 316. Fees collected by blockchain during 2016-08 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	5,076.5

Table 317. Fees collected by blockchain during 2016-08 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	36.7

Table 318. Fees collected by blockchain during 2016-08 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	3,088.6

Table 319. Fees collected by blockchain during 2016-08 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	171.3

Table 320. Fees collected by blockchain during 2016-08 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	30,820.3

Table 321. Fees collected by blockchain during 2016-08 for custom operation

Asset ID	Symbol	Quantity
1.3.0	BTS	14.3

Table 322. Fees collected by blockchain during 2016-08 for override transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,054.7

Table 323. Fees collected by blockchain during 2016-08 for asset claim fees operation

Asset ID	Symbol	Quantity
1.3.0	BTS	440.3

Table 324. 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
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

Asset ID	Symbol	Quantity
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	ВАНТ	0.0
1.3.1160	OPEN.GAME	1.4

Table 325. 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	METAFEES	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
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

Asset ID	Symbol	Quantity
1.3.776	OPENPOS	0.0
1.3.790	TRADE.DOGE	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.DOGE	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	MILLLIONTDD	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
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

Asset ID	Symbol	Quantity
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	РНОТО	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 326. 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
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

Asset ID	Symbol	Quantity
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 327. Fees collected by blockchain during 2016-09 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	108.9

Table 328. Fees collected by blockchain during 2016-09 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	739,063.0

Table 329. 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
1.3.659	OPENSESAME	0.5
1.3.822	COMPUCEEDS	0.0
1.3.861	OPEN.BTC	0.0

Table 330. Fees collected by blockchain during 2016-09 for account whitelisting operation

Asset ID	Symbol	Quantity
1.3.0	BTS	102.7

Table 331. Fees collected by blockchain during 2016-09 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	545,960.1

Table 332. Fees collected by blockchain during 2016-09 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	528,355.3

Table 333. Fees collected by blockchain during 2016-09 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	6,170.6

Table 334. Fees collected by blockchain during 2016-09 for asset update BitAsset operation

Asset ID	Symbol	Quantity
1.3.0	BTS	733.8

Table 335. Fees collected by blockchain during 2016-09 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	283.9

Table 336. Fees collected by blockchain during 2016-09 for asset reserve operation

Asset ID	Symbol	Quantity]
1.3.0	BTS	5.3	

Table 337. 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 338. Fees collected by blockchain during 2016-09 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	124.7

Table 339. Fees collected by blockchain during 2016-09 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	11,368.4

Table 340. Fees collected by blockchain during 2016-09 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	22.0

Table 341. Fees collected by blockchain during 2016-09 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,904.0

Table 342. Fees collected by blockchain during 2016-09 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	178.9

Table 343. Fees collected by blockchain during 2016-09 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	17,905.1

Table 344. Fees collected by blockchain during 2016-09 for worker create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	14,676.3

Table 345. Fees collected by blockchain during 2016-09 for custom operation

Asset ID	Symbol	Quantity
1.3.0	BTS	9.0

Table 346. Fees collected by blockchain during 2016-09 for override transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,174.1

Table 347. Fees collected by blockchain during 2016-09 for asset claim fees operation

Asset ID	Symbol	Quantity
1.3.0	BTS	733.8

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Table 348. 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

Asset ID	Symbol	Quantity
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
1.3.1184	OPEN.NXC	2.6

Table 349. 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

Quantity	Symbol	Asset ID
0.0	EUR	1.3.120
0.0	USD	1.3.121
7,338.0	FUND	1.3.138
0.0	TRADE.BTC	1.3.350
1,093.3	ALTFUND	1.3.397
10.5	OBITS	1.3.562
0.0	OPENBTC	1.3.569
110.1	QBITS	1.3.585
19,953.3	OPENMUSE	1.3.590
501.7	TRADE.MUSE	1.3.599
100.0	PERKS	1.3.607
0.0	IOU.CNY	1.3.609
0.0	MEGUSTA	1.3.670
57.1	ANTSHARE	1.3.746
234.4	GAMEBET	1.3.758
0.0	OPEN.EUR	1.3.766
0.0	BGIBTS	1.3.808
3.8	COMPUCEEDS	1.3.822
155.0	BTSR	1.3.849
0.0	OPEN.ETH	1.3.850
0.0	OPEN.NBT	1.3.855
24.8	OPEN.PPC	1.3.857
0.0	OPEN.LTC	1.3.859
42,303.8	OPEN.DOGE	1.3.860
0.0	OPEN.BTC	1.3.861
0.0	BTCPLUS	1.3.897
0.1	PEERPLAYS	1.3.924
0.0	MKR	1.3.933
5.1	REPUTATION	1.3.938
0.0	CAYMAN	1.3.950
0.0	ALTCAP	1.3.952
0.1	FUNC	1.3.970
3,668,759.3	TOYOTA	1.3.972
65.0	OPEN.STEEM	1.3.973
0.6	OPEN.LISK	1.3.977
0.0	OPEN.DGD	1.3.979
42.1	FIMKRYPTO	1.3.980
0.0	ALTCAP.X	1.3.985
0.0	TRUMP	1.3.986
0.0	WETSTOCK	1.3.998
0.4	OPEN.DAO	1.3.1005
0.0	ICOO	1.3.1006
9.0	SPIES	1.3.1010
0.0	ARS	1.3.1017
0.0	SASOL	1.3.1019
3,697.0	FIMK	1.3.1056

Asset ID	Symbol	Quantity
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 350. 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
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

Asset ID	Symbol	Quantity
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 351. Fees collected by blockchain during 2016-10 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	124.0

Table 352. Fees collected by blockchain during 2016-10 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,045,265.3

Table 353. 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 354. Fees collected by blockchain during 2016-10 for account whitelisting operation

Asset ID	Symbol	Quantity
1.3.0	BTS	440.3

Table 355. Fees collected by blockchain during 2016-10 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	158,504.6

Table 356. Fees collected by blockchain during 2016-10 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,915,272.3

Table 357. Fees collected by blockchain during 2016-10 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	9,991.0

Table 358. Fees collected by blockchain during 2016-10 for asset update BitAsset operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,201.5

Table 359. Fees collected by blockchain during 2016-10 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	305.4

Table 360. Fees collected by blockchain during 2016-10 for asset reserve operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2.6

Table 361. Fees collected by blockchain during 2016-10 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	880.6

Table 362. Fees collected by blockchain during 2016-10 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	388.9

Table 363. Fees collected by blockchain during 2016-10 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	10,481.1

Table 364. Fees collected by blockchain during 2016-10 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	29.4

Table 365. Fees collected by blockchain during 2016-10 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,378.0

Table 366. Fees collected by blockchain during 2016-10 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	65.2

Table 367. Fees collected by blockchain during 2016-10 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	19,666.3

Table 368. Fees collected by blockchain during 2016-10 for custom operation

Asset ID	Symbol	Quantity
1.3.0	BTS	32.7

Table 369. Fees collected by blockchain during 2016-10 for override transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	6,898.0

Table 370. Fees collected by blockchain during 2016-10 for asset claim fees operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,641.7

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

Asset ID	Symbol	Quantity
1.3.0	BTS	11,205.3
1.3.103	втс	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
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

Asset ID	Symbol	Quantity
1.3.1152	OPEN.GRC	5.6
1.3.1181	KAPITAL	0.9
1.3.1184	OPEN.NXC	2.6

Table 372. 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	DEMNOMCLINTON	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
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

Asset ID	Symbol	Quantity
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 373. 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.DOGE	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
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 374. Fees collected by blockchain during 2016-11 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	79.8

Table 375. Fees collected by blockchain during 2016-11 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,037,416.5

Table 376. 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 377. Fees collected by blockchain during 2016-11 for account whitelisting operation

Asset ID	Symbol	Quantity
1.3.0	BTS	484.3

Table 378. Fees collected by blockchain during 2016-11 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	334,620.7

Table 379. Fees collected by blockchain during 2016-11 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	95,400.3

Table 380. Fees collected by blockchain during 2016-11 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	4,408.9

Table 381. Fees collected by blockchain during 2016-11 for asset update BitAsset operation

Asset ID	Symbol	Quantity
1.3.0	BTS	733.8

Table 382. Fees collected by blockchain during 2016-11 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	149.9

Table 383. Fees collected by blockchain during 2016-11 for asset reserve operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1.2

Table 384. Fees collected by blockchain during 2016-11 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	660.4

Table 385. Fees collected by blockchain during 2016-11 for asset settle operation

Asset ID Symbol Quantity	Asset ID
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1.3.0	BTS	535.7

Table 386. Fees collected by blockchain during 2016-11 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	3,162.6

Table 387. Fees collected by blockchain during 2016-11 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	13.2

Table 388. Fees collected by blockchain during 2016-11 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,079.2

Table 389. Fees collected by blockchain during 2016-11 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	61.4

Table 390. Fees collected by blockchain during 2016-11 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	22,308.0

Table 391. Fees collected by blockchain during 2016-11 for worker create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	14,676.3

Table 392. Fees collected by blockchain during 2016-11 for custom operation

Asset ID	Symbol	Quantity
1.3.0	BTS	33.4

Table 393. Fees collected by blockchain during 2016-11 for override transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	880.6

Table 394. Fees collected by blockchain during 2016-11 for transfer to blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	390.4

Table 395. 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 396. 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 397. Fees collected by blockchain during 2016-11 for asset claim fees operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,467.6

Table 398. 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
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

Asset ID	Symbol	Quantity
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 399. 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
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.DOGE	4.9
1.3.822	COMPUCEEDS	11.1
1.3.826	OPENBKS	0.0

Asset ID	Symbol	Quantity
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
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

Asset ID	Symbol	Quantity
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 400. 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.DOGE	1.0
1.3.861	OPEN.BTC	0.0
1.3.924	PEERPLAYS	0.0
1.3.956	BTSPLUS	0.0
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 401. Fees collected by blockchain during 2016-12 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	124.2

Table 402. Fees collected by blockchain during 2016-12 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,023,682.4

Table 403. 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 404. Fees collected by blockchain during 2016-12 for account whitelisting operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,819.9

Table 405. Fees collected by blockchain during 2016-12 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	352,232.3

Table 406. Fees collected by blockchain during 2016-12 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	308,233.0

Table 407. Fees collected by blockchain during 2016-12 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	22,075.4

Table 408. Fees collected by blockchain during 2016-12 for asset update BitAsset operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,467.6

Table 409. Fees collected by blockchain during 2016-12 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	849.7

Table 410. Fees collected by blockchain during 2016-12 for asset reserve operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1.2

Table 411. 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 412. Fees collected by blockchain during 2016-12 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	513.7

Table 413. Fees collected by blockchain during 2016-12 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	10,711.8

Table 414. Fees collected by blockchain during 2016-12 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	63.1

Table 415. Fees collected by blockchain during 2016-12 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,401.2

Table 416. Fees collected by blockchain during 2016-12 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	69.0

Table 417. Fees collected by blockchain during 2016-12 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	22,601.6

Table 418. Fees collected by blockchain during 2016-12 for custom operation

Asset ID	Symbol	Quantity
1.3.0	BTS	43.8

Table 419. Fees collected by blockchain during 2016-12 for override transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,614.5

Table 420. Fees collected by blockchain during 2016-12 for transfer to blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	41.1

Table 421. Fees collected by blockchain during 2016-12 for blind transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	60.0

Table 422. Fees collected by blockchain during 2016-12 for transfer from blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	61.6

Table 423. Fees collected by blockchain during 2016-12 for asset claim fees operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,320.9

Table 424. 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

Asset ID	Symbol	Quantity
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 425. 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

Asset ID	Symbol	Quantity
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
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
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Table 426. 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
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 427. Fees collected by blockchain during 2017-01 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	95.8

Table 428. Fees collected by blockchain during 2017-01 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	74,969.5

Table 429. 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 430. Fees collected by blockchain during 2017-01 for account whitelisting operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,656.4

Table 431. Fees collected by blockchain during 2017-01 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	563,571.8

Table 432. Fees collected by blockchain during 2017-01 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,643,756.5

Table 433. Fees collected by blockchain during 2017-01 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	13,821.8

Table 434. Fees collected by blockchain during 2017-01 for asset update BitAsset operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,467.6

Table 435. Fees collected by blockchain during 2017-01 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	4,327.8

Table 436. Fees collected by blockchain during 2017-01 for asset reserve operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2.9

Table 437. Fees collected by blockchain during 2017-01 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	220.1

Table 438. Fees collected by blockchain during 2017-01 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	403.6

Table 439. Fees collected by blockchain during 2017-01 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	11,385.9

Table 440. Fees collected by blockchain during 2017-01 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	26.4

Table 441. Fees collected by blockchain during 2017-01 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	4,056.9

Table 442. Fees collected by blockchain during 2017-01 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	195.5

Table 443. Fees collected by blockchain during 2017-01 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	17,318.1

Table 444. Fees collected by blockchain during 2017-01 for worker create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	14,676.3

Table 445. Fees collected by blockchain during 2017-01 for custom operation

Asset ID	Symbol	Quantity
1.3.0	BTS	11.3

Table 446. Fees collected by blockchain during 2017-01 for override transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	43,148.5

Table 447. Fees collected by blockchain during 2017-01 for transfer to blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	82.2

Table 448. Fees collected by blockchain during 2017-01 for blind transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	60.0

Table 449. Fees collected by blockchain during 2017-01 for transfer from blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	61.6

Table 450. Fees collected by blockchain during 2017-01 for asset claim fees operation

Asset ID	Symbol	Quantity
1.3.0	BTS	880.6

Table 451. 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
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

Asset ID	Symbol	Quantity
1.3.1248	THIRSTY	0.0
1.3.1259	GOLOS	0.4
1.3.1272	ETFBTC	7.0

Table 452. 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	втс	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
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

Asset ID	Symbol	Quantity
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 453. 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
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 454. Fees collected by blockchain during 2016-02 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	80.0

Table 455. Fees collected by blockchain during 2016-02 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	49,476.6

Table 456. Fees collected by blockchain during 2016-02 for account update operation

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Asset ID	Symbol	Quantity

1.3.0	BTS	119.4
1.3.121	USD	0.0

Table 457. Fees collected by blockchain during 2016-02 for account whitelisting operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,392.2

Table 458. Fees collected by blockchain during 2016-02 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	387,455.6

Table 459. Fees collected by blockchain during 2016-02 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	418,282.9

Table 460. Fees collected by blockchain during 2016-02 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	11,768.9

Table 461. Fees collected by blockchain during 2016-02 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,817.0

Table 462. Fees collected by blockchain during 2016-02 for asset reserve operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1.2

Table 463. Fees collected by blockchain during 2016-02 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	146.8

Table 464. Fees collected by blockchain during 2016-02 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	220.1

Table 465. Fees collected by blockchain during 2016-02 for asset global settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	733.8

Table 466. Fees collected by blockchain during 2016-02 for asset publish feed operation

Asset ID	Symbol	Quantity
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1.3.0 BTS 3,493.8

Table 467. Fees collected by blockchain during 2016-02 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	24.9

Table 468. Fees collected by blockchain during 2016-02 for proposal create operation

	Asset ID	Symbol	Quantity
1.	.3.0	BTS	3,670.4

Table 469. Fees collected by blockchain during 2016-02 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	214.5

Table 470. Fees collected by blockchain during 2016-02 for withdraw permission create operation

Asset ID	Symbol	Quantity	
1.3.0	BTS	22.0	

Table 471. Fees collected by blockchain during 2016-02 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	14,382.8

Table 472. Fees collected by blockchain during 2016-02 for worker create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	36,690.9

Table 473. Fees collected by blockchain during 2016-02 for override transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	13,355.7

Table 474. Fees collected by blockchain during 2016-02 for transfer to blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	123.3

Table 475. Fees collected by blockchain during 2016-02 for blind transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	105.0

Table 476. Fees collected by blockchain during 2016-02 for transfer from blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	92.5

Table 477. Fees collected by blockchain during 2016-02 for asset claim fees operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,320.9

Table 478. 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
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

Asset ID	Symbol	Quantity
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 479. 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
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

Asset ID	Symbol	Quantity
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
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 480. 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

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

Table 481. Fees collected by blockchain during 2017-03 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	212.1

Table 482. Fees collected by blockchain during 2017-03 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	90,732.4

Table 483. Fees collected by blockchain during 2017-03 for account update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	102.3

Table 484. Fees collected by blockchain during 2017-03 for account whitelisting operation

Asset ID	Symbol	Quantity
1.3.0	BTS	396.3

Table 485. Fees collected by blockchain during 2017-03 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	598,795.0

Table 486. Fees collected by blockchain during 2017-03 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,891,250.9

Table 487. Fees collected by blockchain during 2017-03 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	12,346.2

Table 488. Fees collected by blockchain during 2017-03 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	495.9

Table 489. Fees collected by blockchain during 2017-03 for asset reserve operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1.0

Table 490. Fees collected by blockchain during 2017-03 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	440.3

Table 491. Fees collected by blockchain during 2017-03 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	388.9

Table 492. Fees collected by blockchain during 2017-03 for asset global settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	733.8

Table 493. Fees collected by blockchain during 2017-03 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	19,645.2

Table 494. Fees collected by blockchain during 2017-03 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	339.0

Table 495. Fees collected by blockchain during 2017-03 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	7,641.8

Table 496. Fees collected by blockchain during 2017-03 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	454.9

Table 497. Fees collected by blockchain during 2017-03 for committee member create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	733.8

Table 498. Fees collected by blockchain during 2017-03 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	20,546.9

Table 499. Fees collected by blockchain during 2017-03 for assert operation

Asset ID	Symbol	Quantity
1.3.113	CNY	5.8

Table 500. Fees collected by blockchain during 2017-03 for override transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	57,531.5

Table 501. Fees collected by blockchain during 2017-03 for asset claim fees operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,174.1

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

Asset ID	Symbol	Quantity
1.3.0	BTS	47,453.9
1.3.103	ВТС	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

Asset ID	Symbol	Quantity
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
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 503. 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
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.DOGE	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	MAIDSAFECOIN	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	SYSCOIN	2,500.0

Asset ID	Symbol	Quantity
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
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

Asset ID	Symbol	Quantity
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 504. 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

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

Table 505. Fees collected by blockchain during 2017-04 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	320.8

Table 506. Fees collected by blockchain during 2017-04 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	176,501.7

Table 507. 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 508. Fees collected by blockchain during 2017-04 for account whitelisting operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,027.3

Table 509. 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 510. Fees collected by blockchain during 2017-04 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,973,983.7

Table 511. Fees collected by blockchain during 2017-04 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	25,587.6

Table 512. Fees collected by blockchain during 2017-04 for asset update BitAsset operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,935.3

Table 513. 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 514. Fees collected by blockchain during 2017-04 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	666.9

Table 515. Fees collected by blockchain during 2017-04 for asset reserve operation

Asset ID	Symbol	Quantity
1.3.0	BTS	0.7

Table 516. Fees collected by blockchain during 2017-04 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	807.2

Table 517. Fees collected by blockchain during 2017-04 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	528.3

Table 518. Fees collected by blockchain during 2017-04 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	42,514.3

Table 519. Fees collected by blockchain during 2017-04 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	47.0

Table 520. Fees collected by blockchain during 2017-04 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	7,939.1

Table 521. Fees collected by blockchain during 2017-04 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	516.1

Table 522. Fees collected by blockchain during 2017-04 for committee member create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,467.6

Table 523. Fees collected by blockchain during 2017-04 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	33,462.1

Table 524. Fees collected by blockchain during 2017-04 for custom operation

Asset ID	Symbol	Quantity
1.3.0	BTS	4.4

Table 525. Fees collected by blockchain during 2017-04 for override transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	9,686.4

Table 526. Fees collected by blockchain during 2017-04 for transfer to blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	92.5

Table 527. Fees collected by blockchain during 2017-04 for blind transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	15.0

Table 528. Fees collected by blockchain during 2017-04 for transfer from blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	30.8

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Table 529. Fees collected by blockchain during 2017-04 for asset claim fees operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,348.2

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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