

# eth\_getBlockTransactionCountByNumber

Returns the number of transactions in the block with the given block number.

## Parameters

block number :[Required ] A hexadecimal block number, or one of the string tagslatest ,earliest ,pending ,safe , orfinalized . See the[default block parameter](#) .

## Returns

block transaction count : A hexadecimal equivalent of the integer representing the number of transactions in the block.

## Example

ReplaceYOUR-API-KEY with an API key from your[Infura dashboard](#) .

## Request

- cURL
- WSS

```
curl https://arbitrum-mainnet.infura.io/v3/YOUR-API-KEY \-X POST \-H "Content-Type: application/json" \-d '{"jsonrpc":"2.0","method":"eth_getBlockTransactionCountByNumber","params":["latest"],"id":1}' wscat -c wss://arbitrum-mainnet.infura.io/ws/v3/YOUR-API-KEY -x '{"jsonrpc":"2.0","method":"eth_getBlockTransactionCountByNumber","params":["latest"],"id":1}'
```

## Response

- JSON

```
{ "jsonrpc": "2.0", "id": 1, "result": "0xa0" }
```

Last updated on Apr 19, 2024 [Previous eth\\_getBlockTransactionCountByHash](#) [Next eth\\_getCode](#)