

$\#\text{III}(E/\mathbb{Q})$	Gp Inv	Frequency
1	[0]	2229266
4	[2, 2]	30855
9	[3, 3]	2291
9	[4, 4]	1
16	[2, 2, 2, 2]	41
16	[4, 4]	495
25	[5, 5]	103
36	[2, 2, 3, 3]	4
49	[7, 7]	12
64	[2, 2, 4, 4]	1
64	[8, 8]	4
81	[9, 9]	1
None	None	210
Total		2263284

Table 1: Frequency of Tate Shafarevich group orders and types of rank 1 elliptic curves

Among the curves where the Tate Shafarevich order is still undetermined, one has the following bounds on their Tate Shafarevich order:

$\#\text{III}(E/\mathbb{Q})$ bound	Frequency
25	120
49	75
100	2
121	10
169	3
Total	210

Table 2: Frequency of Tate Shafarevich group order bounds of rank 1 elliptic curves