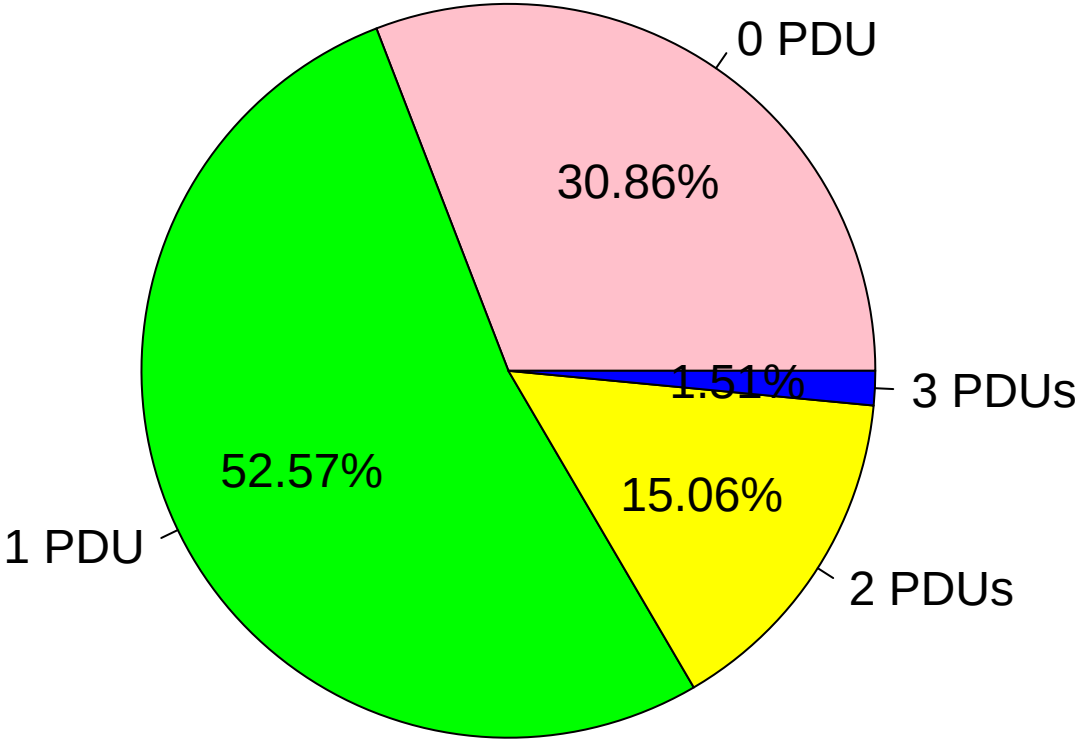
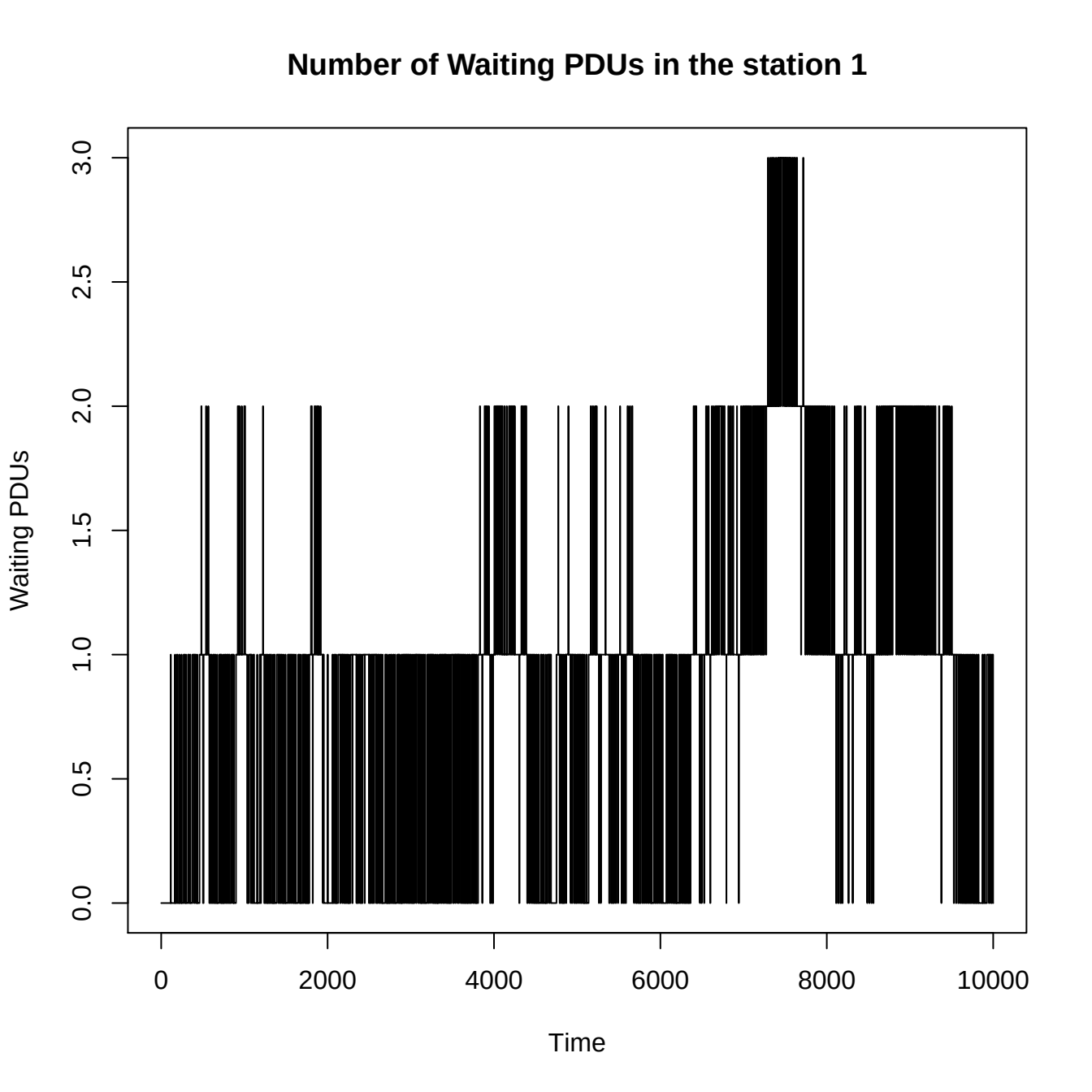
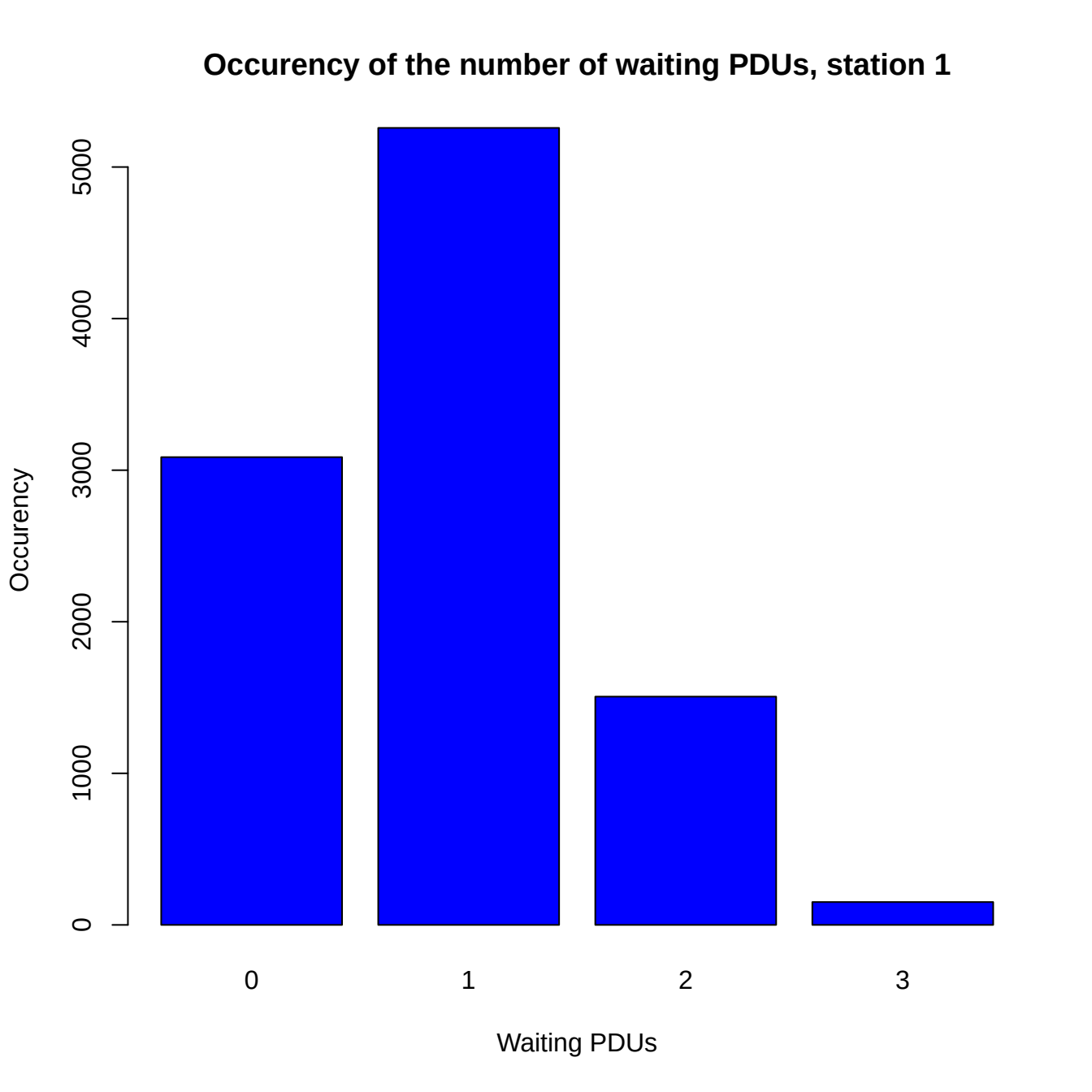
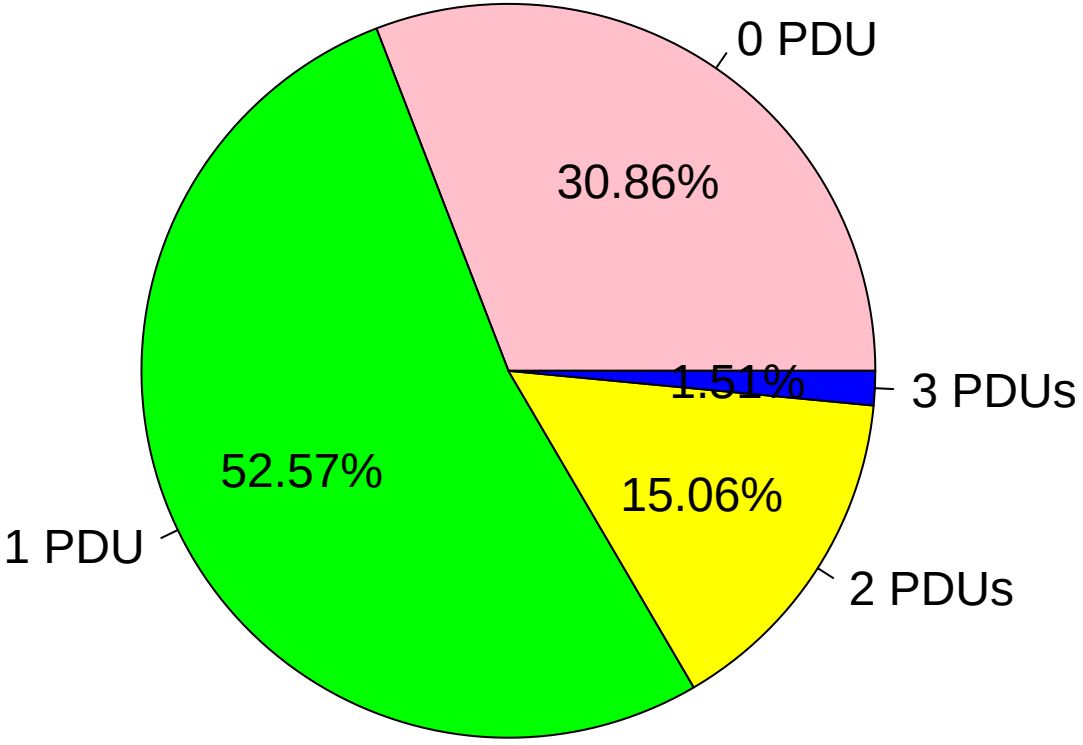
Frequency of the number of waiting PDUs, station 1

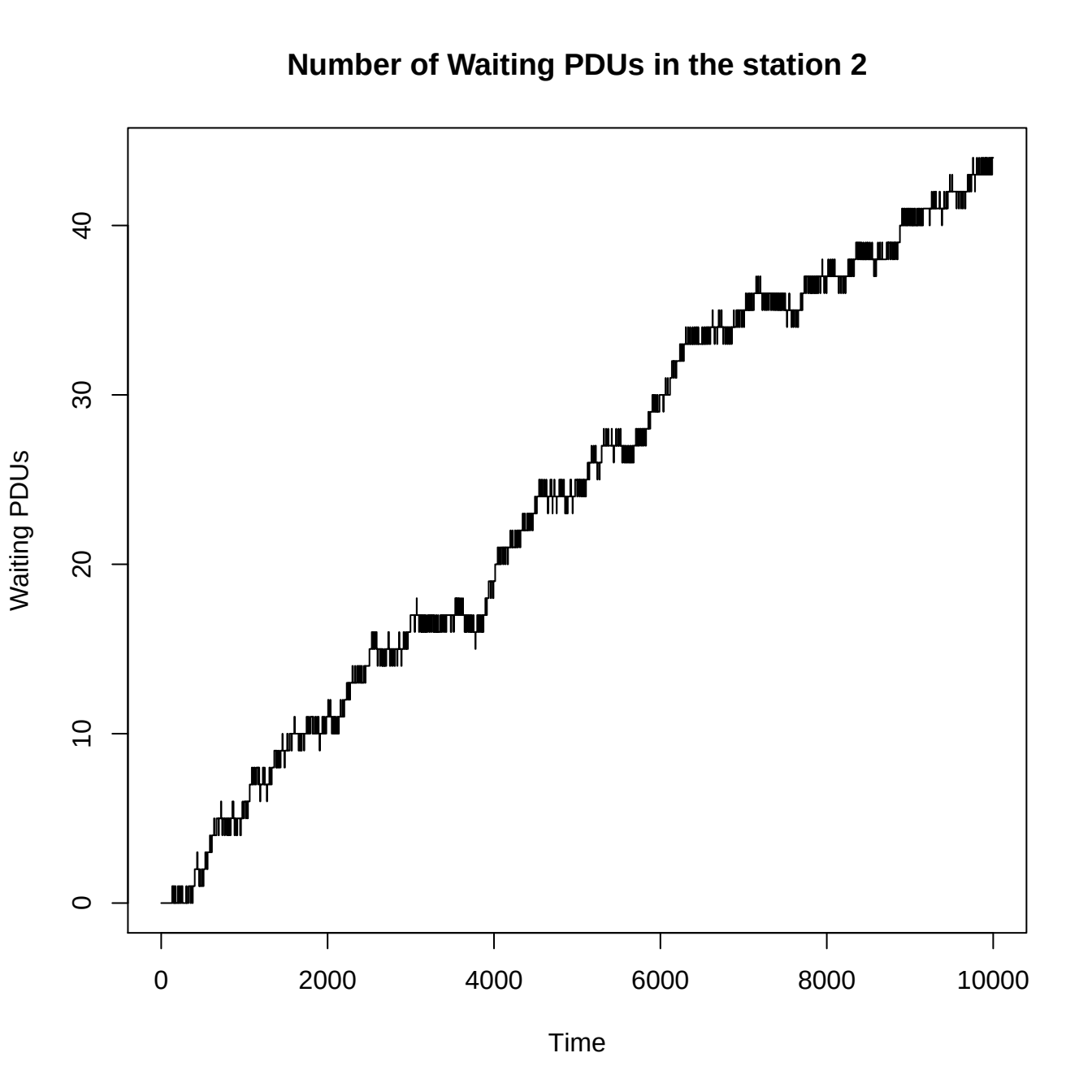


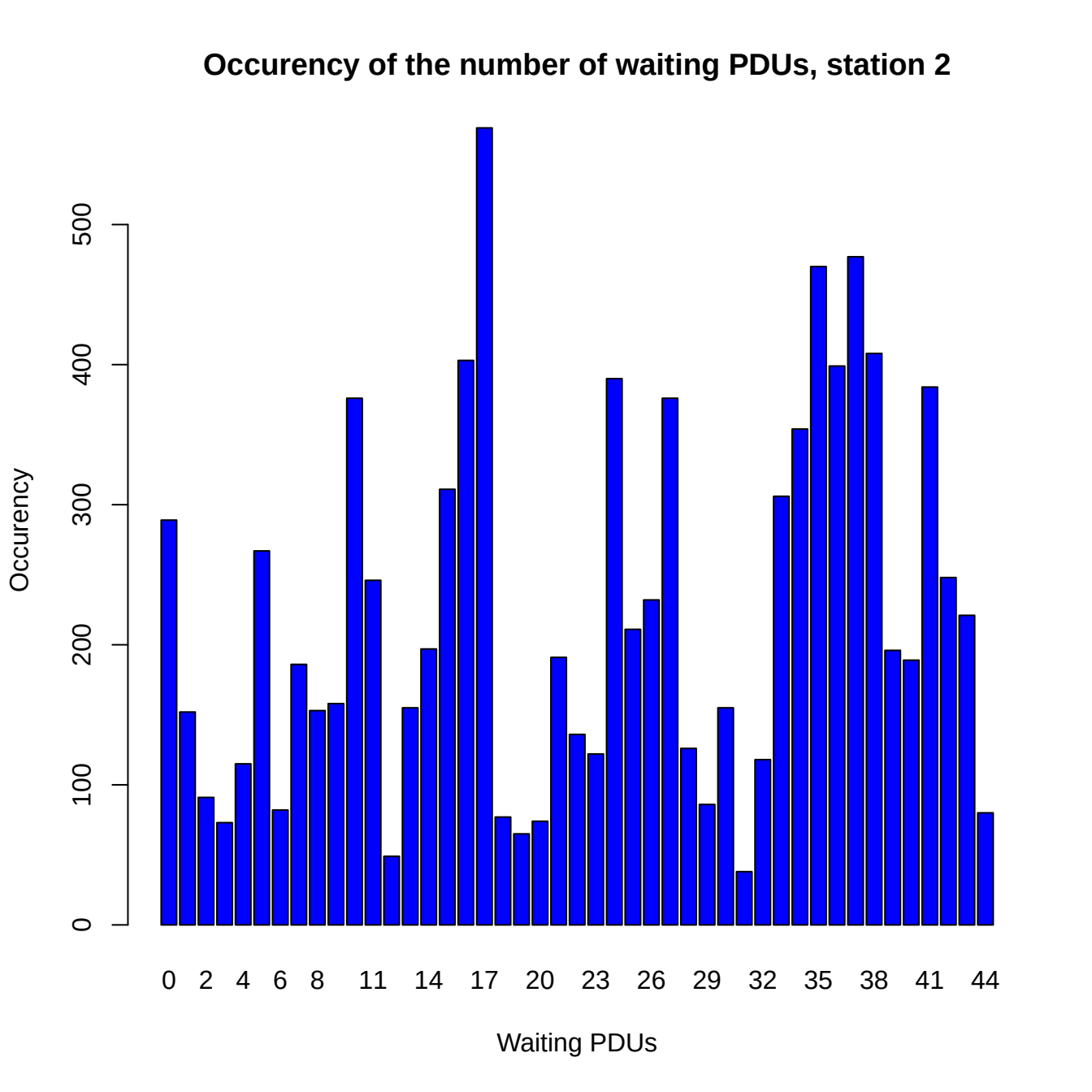

Number of Waiting PDUs in the station 1
Waiting PDUs
0.0
0.5
1.0
1.5
2.0
2.5
3.0
0
2000
4000
6000
8000
10000
Time

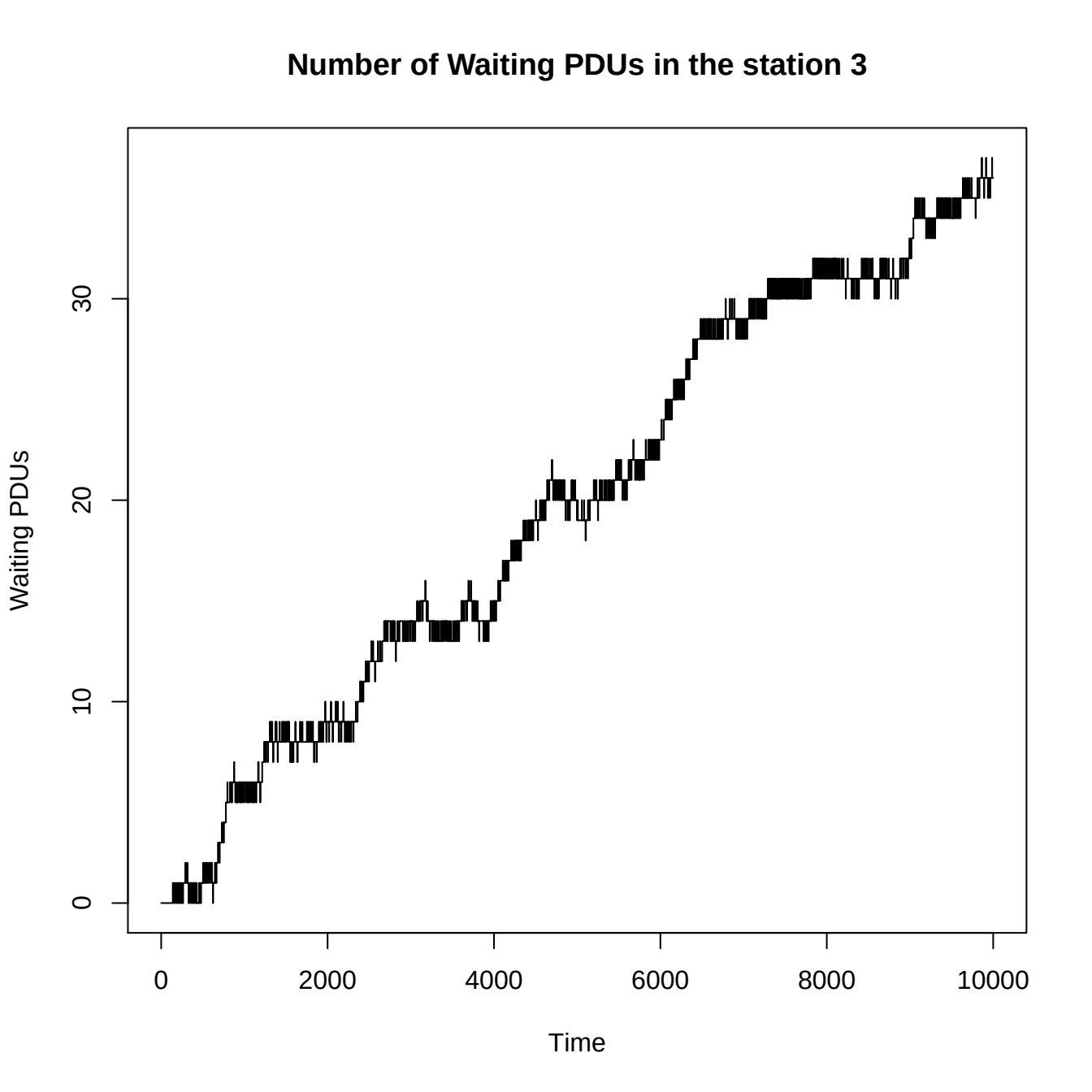

Occurency of the number of waiting PDUs, station 1
Occurency
0
1000
2000
3000
4000
5000
0
1
2
3
Waiting PDUs

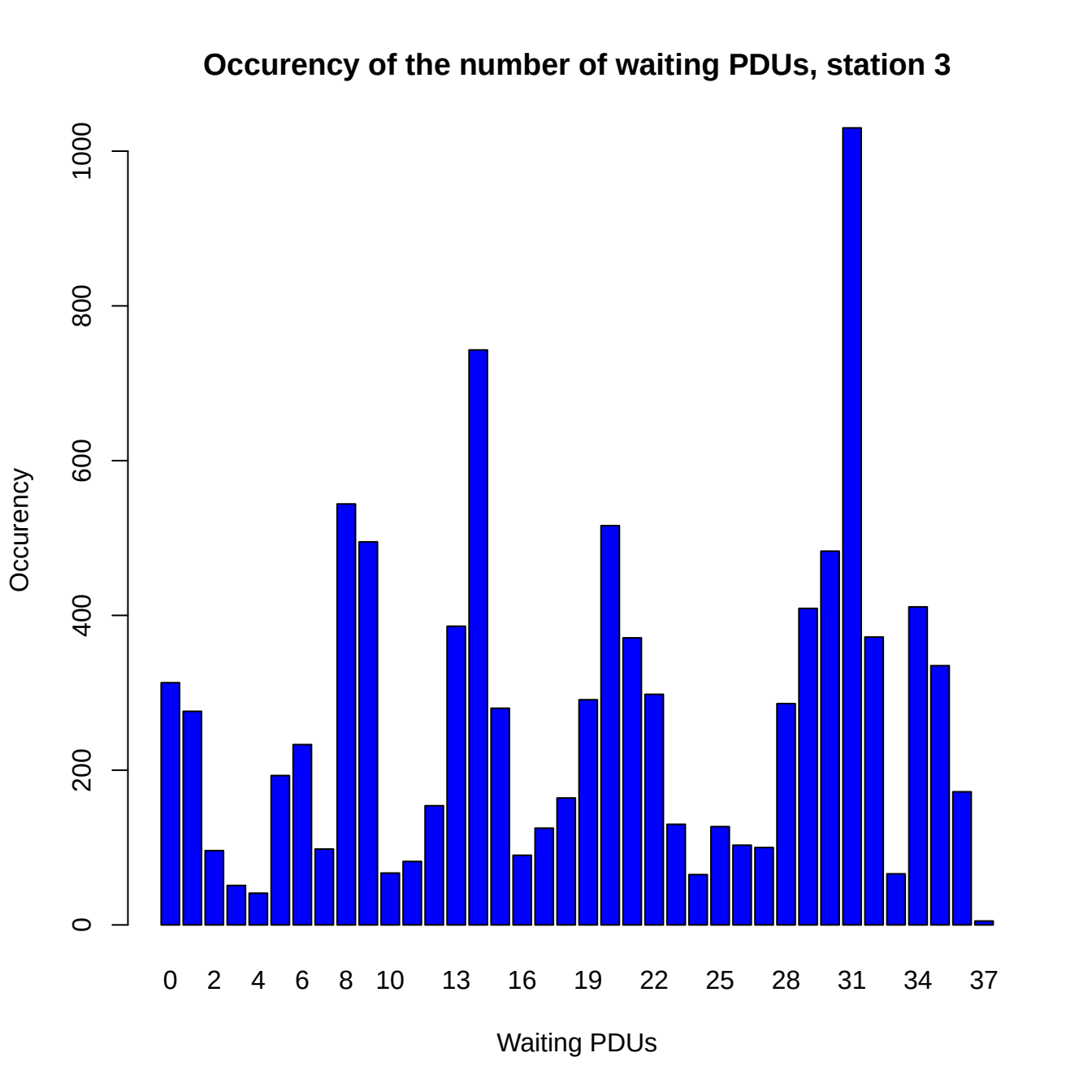
Frequency of the number of waiting PDUs, station 1

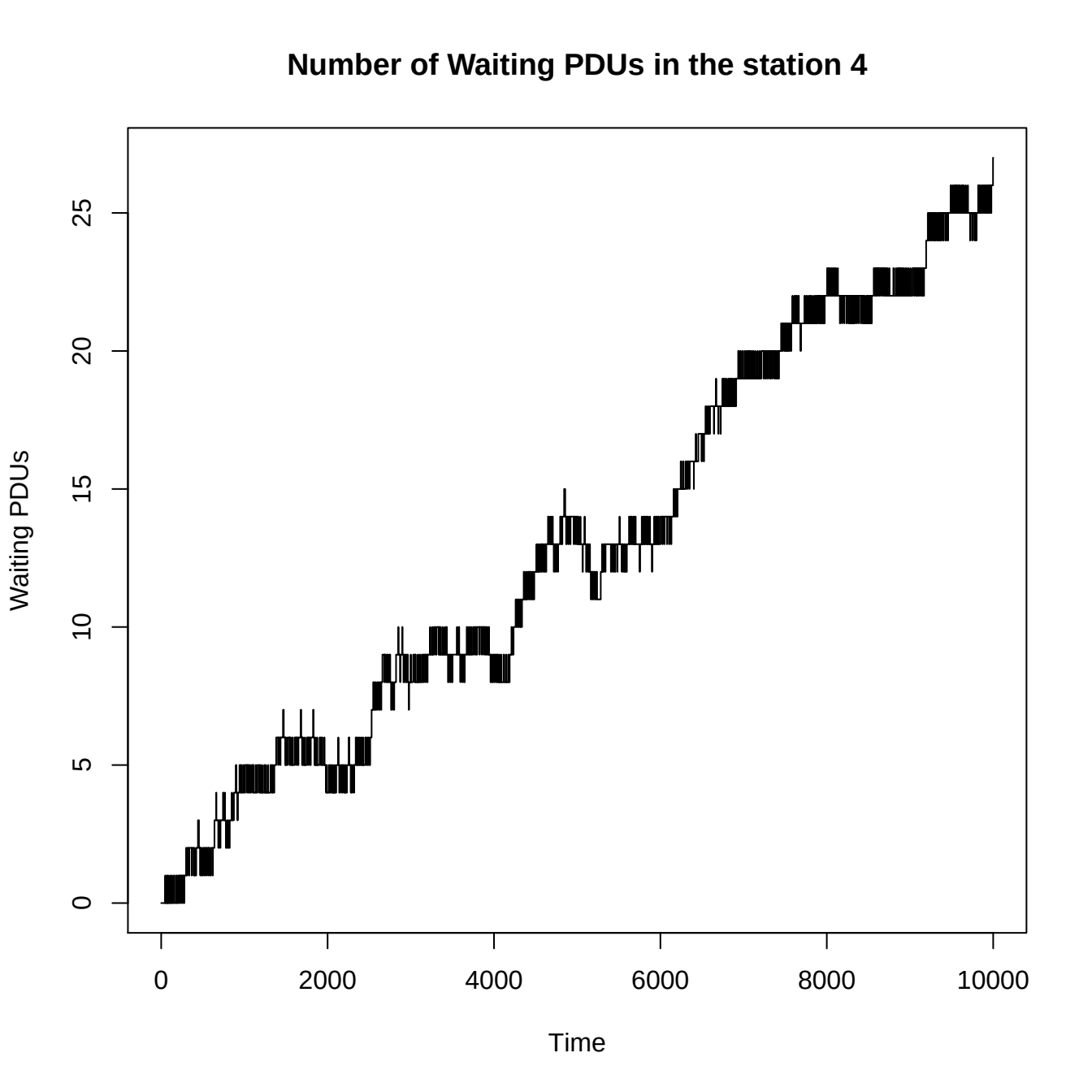


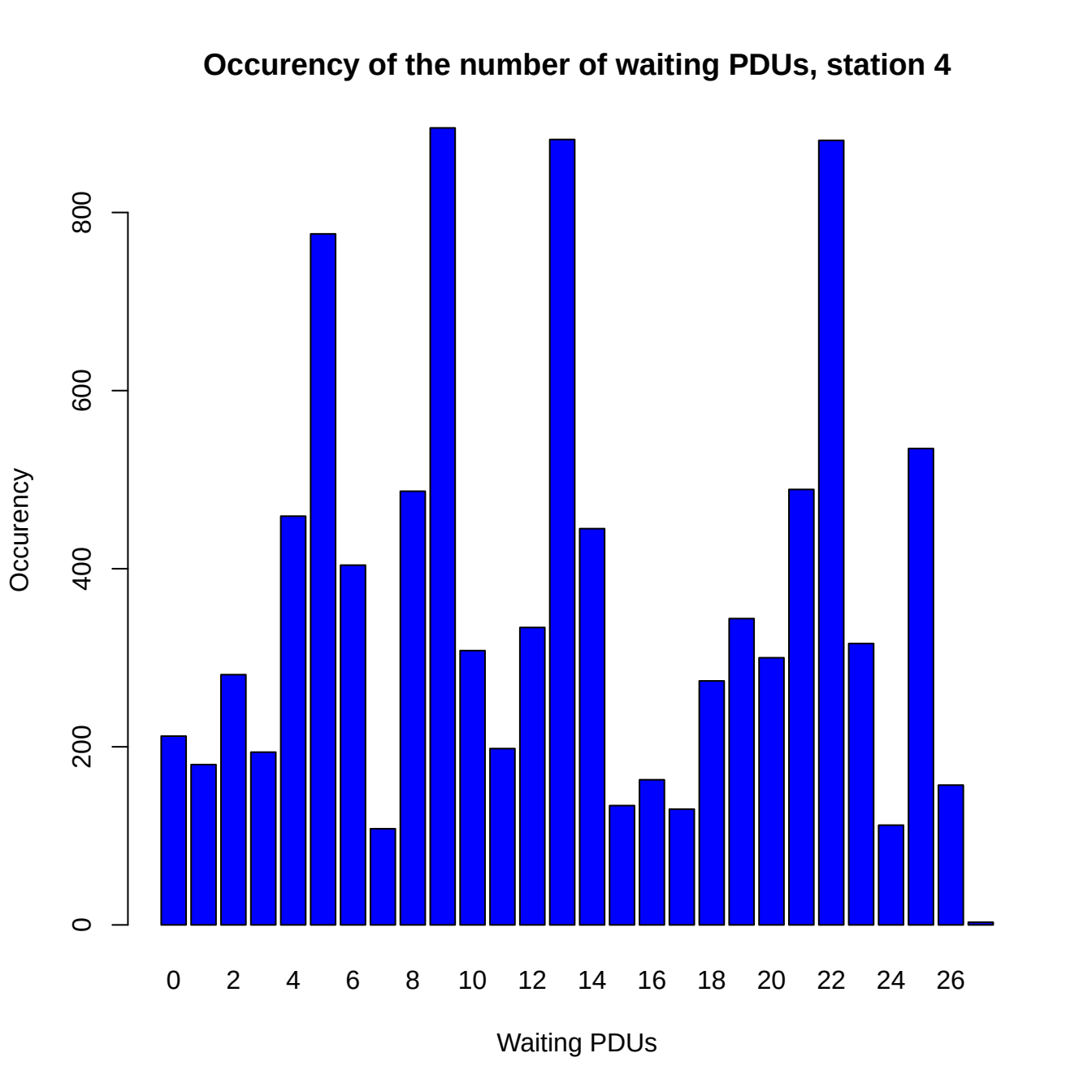

Number of Waiting PDUs in the station 2
Waiting PDUs
0
10
20
30
40
0
2000
4000
6000
8000
10000
Time

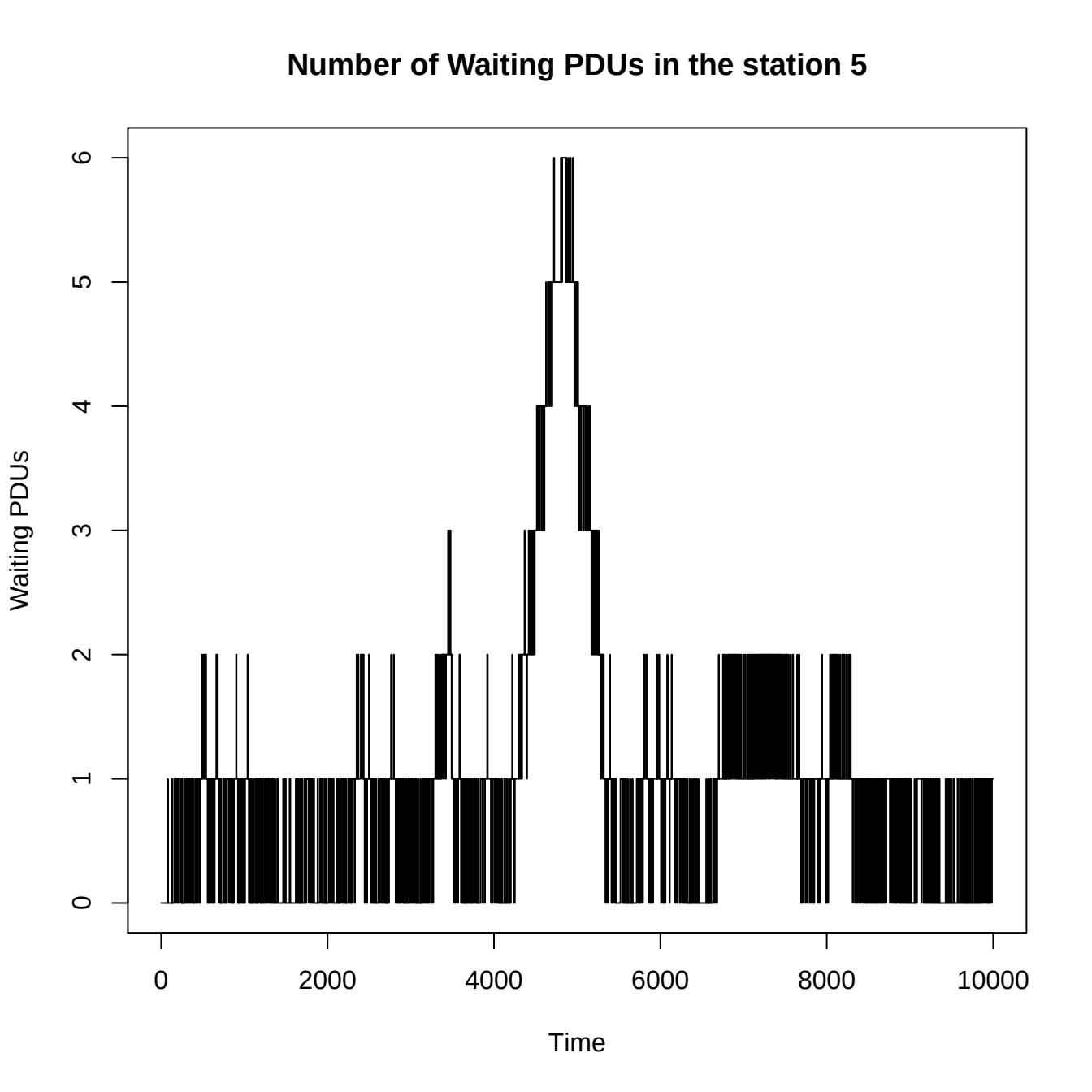

Occurency of the number of waiting PDUs, station 2
Occurency
0
100
200
300
400
500
0
2
4
6
8
11
14
17
20
23
26
29
32
35
38
41
44
Waiting PDUs

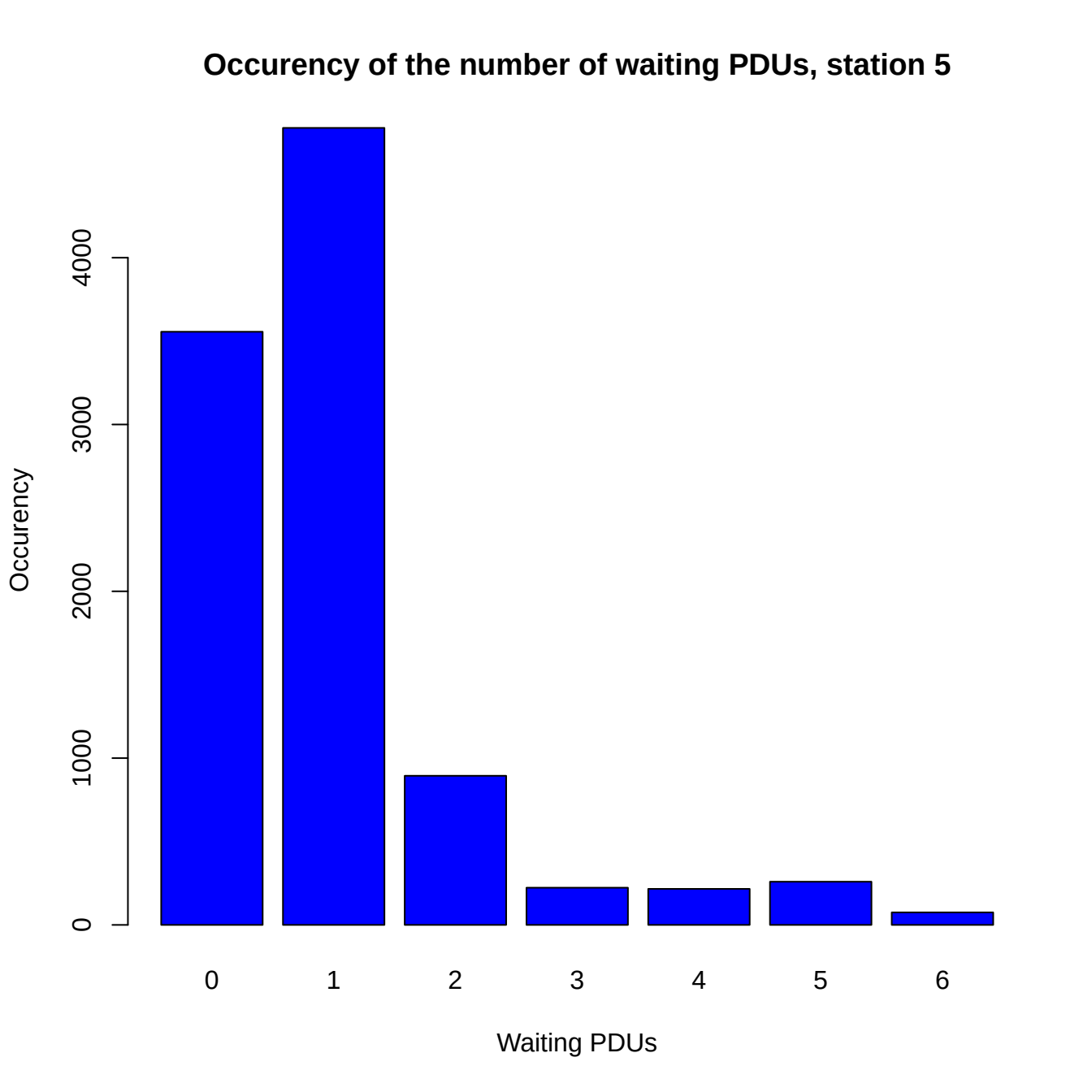

Number of Waiting PDUs in the station 3
Waiting PDUs
0
10
20
30
0
2000
4000
6000
8000
10000
Time


Occurency of the number of waiting PDUs, station 3
Occurency
0
200
400
600
800
1000
0
2
4
6
8
10
13
16
19
22
25
28
31
34
37
Waiting PDUs

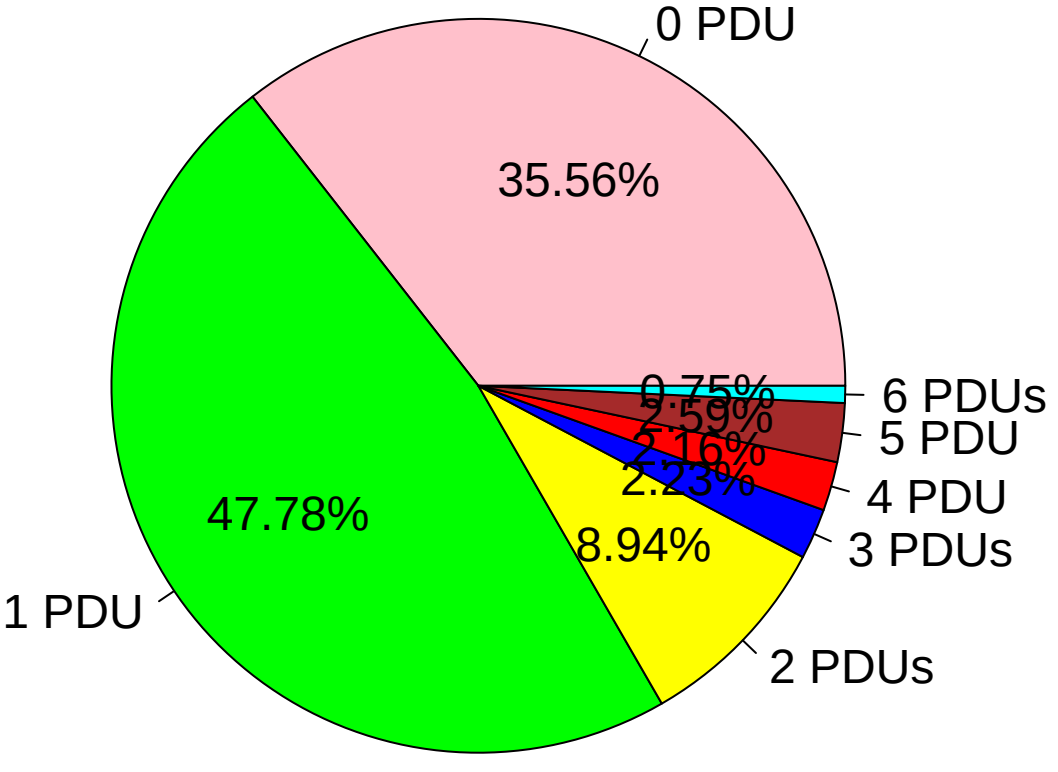

Number of Waiting PDUs in the station 4
Waiting PDUs
0
5
10
15
20
25
0
2000
4000
6000
8000
10000
Time

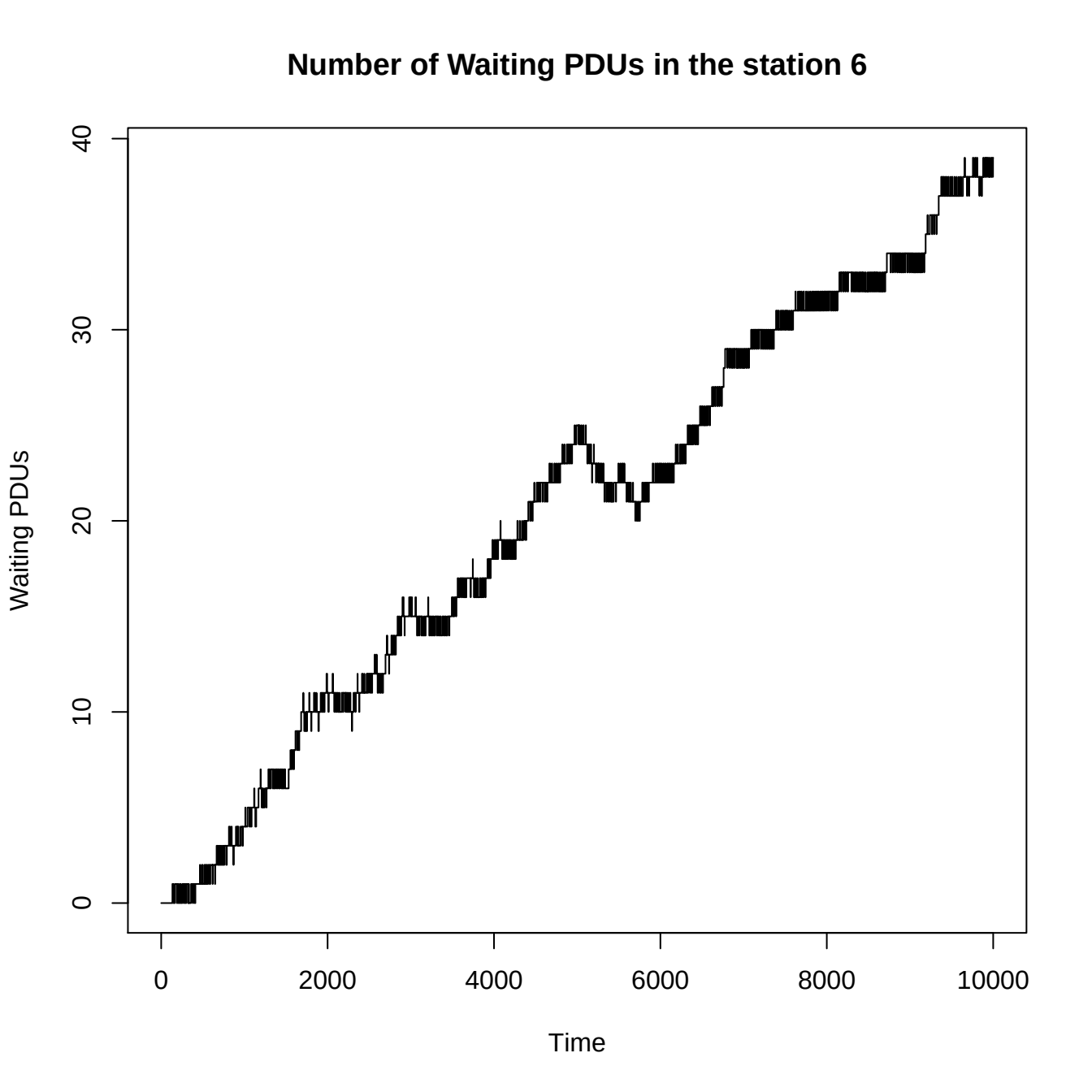

Occurency of the number of waiting PDUs, station 4
Occurency
0
200
400
600
800
0
2
4
6
8
10
12
14
16
18
20
22
24
26
Waiting PDUs

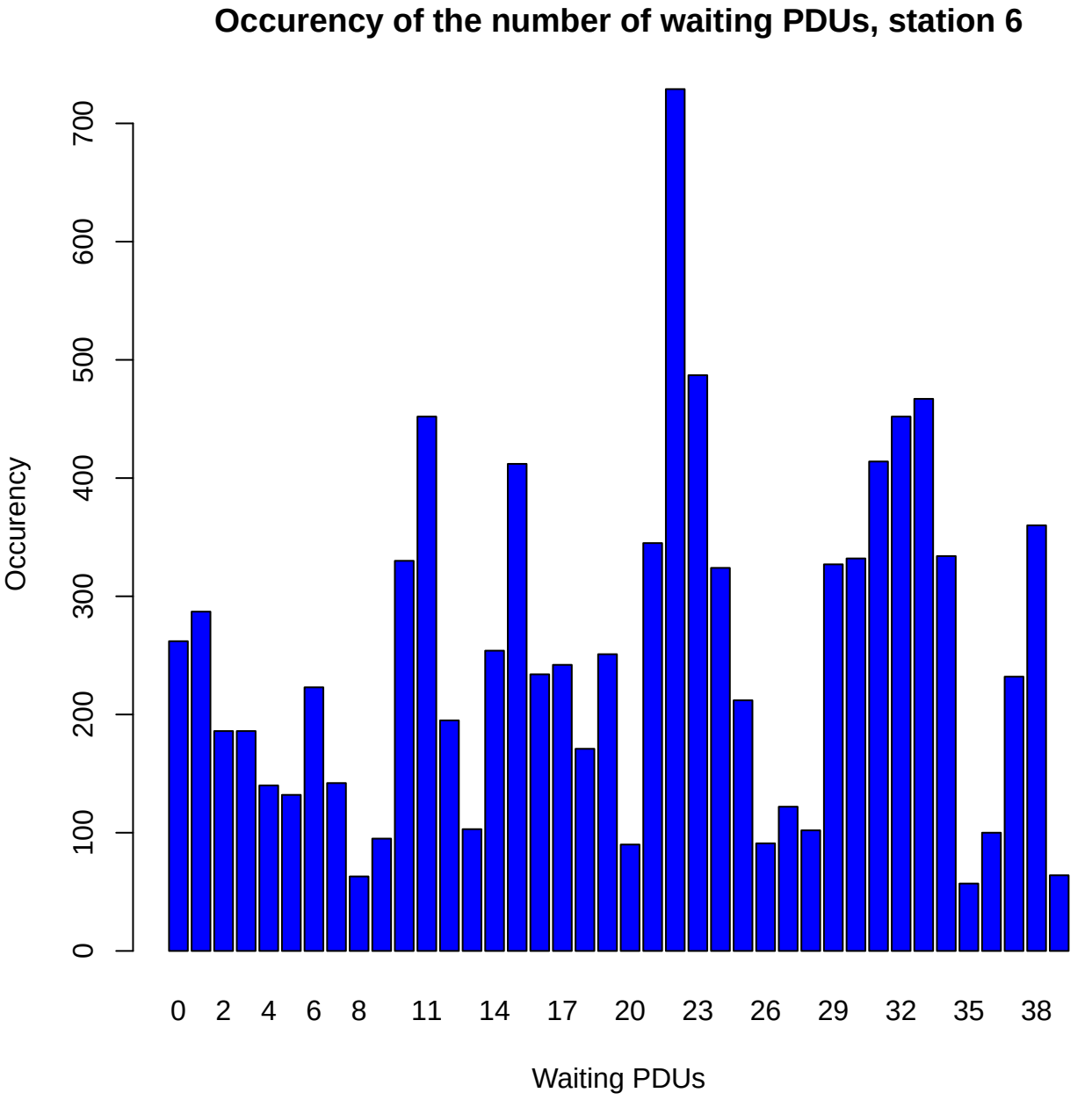

Number of Waiting PDUs in the station 5
Waiting PDUs
0
1
2
3
4
5
6
0
2000
4000
6000
8000
10000
Time

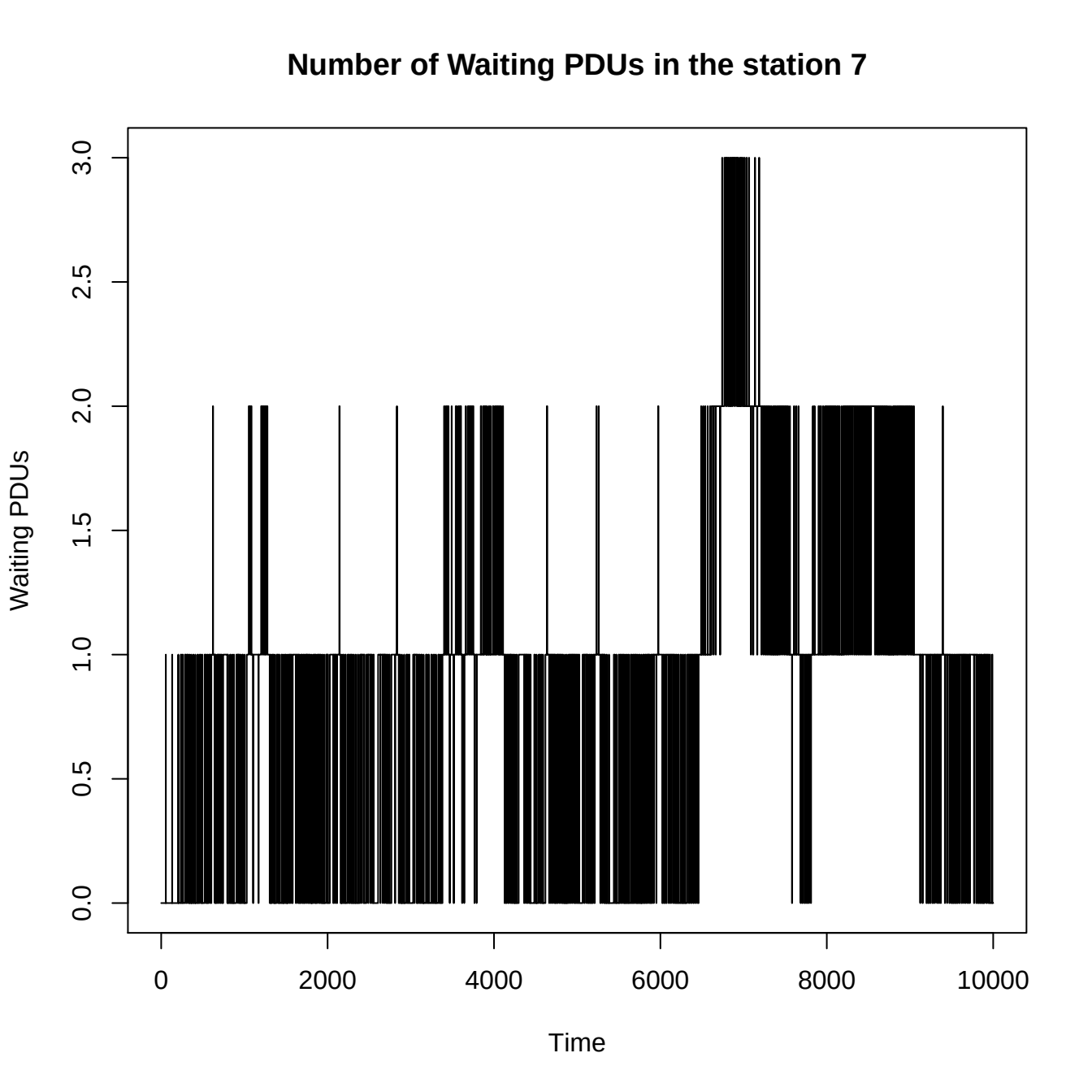

Occurency of the number of waiting PDUs, station 5
Occurency
0
1000
2000
3000
4000
0
1
2
3
4
5
6
Waiting PDUs

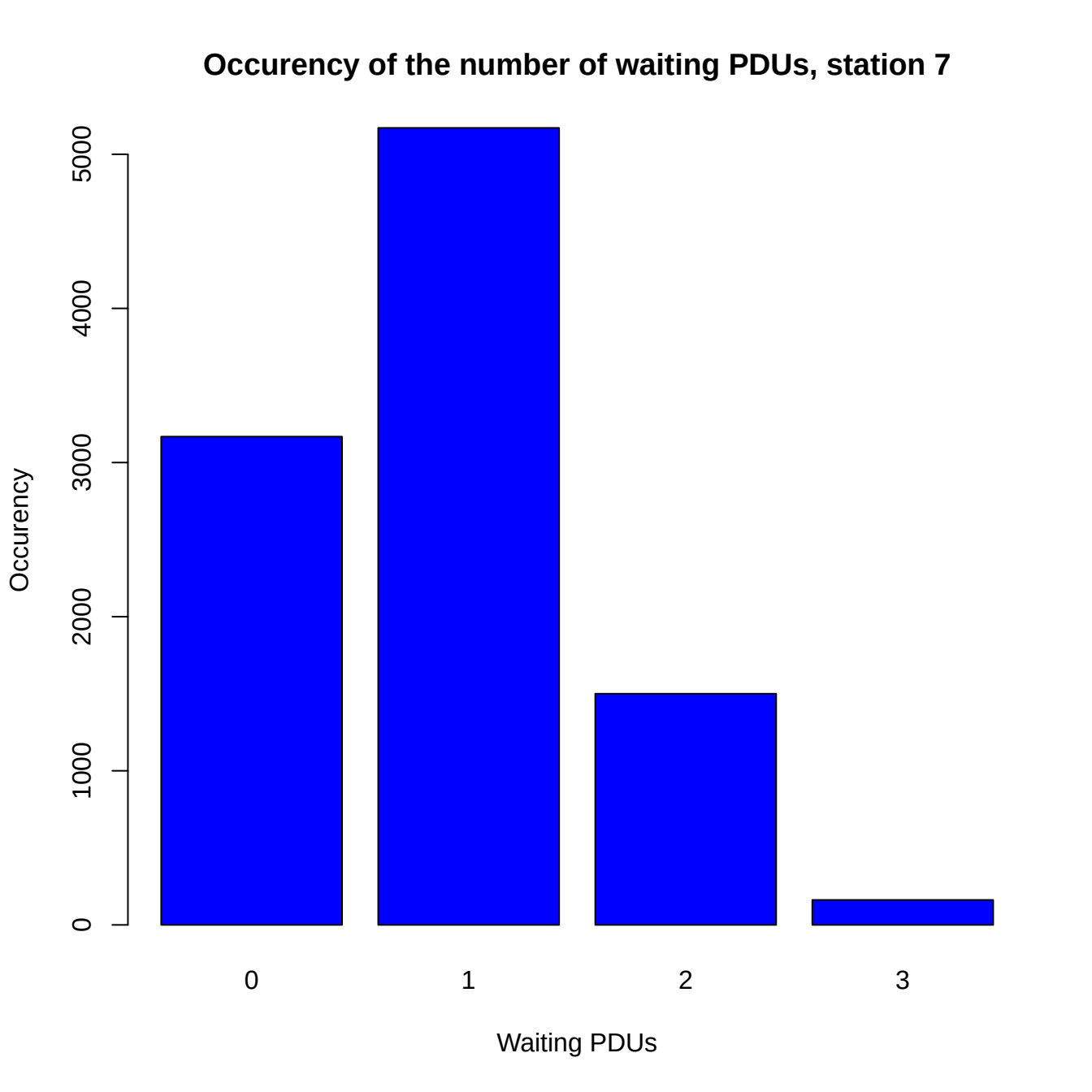
Frequency of the number of waiting PDUs, station 5



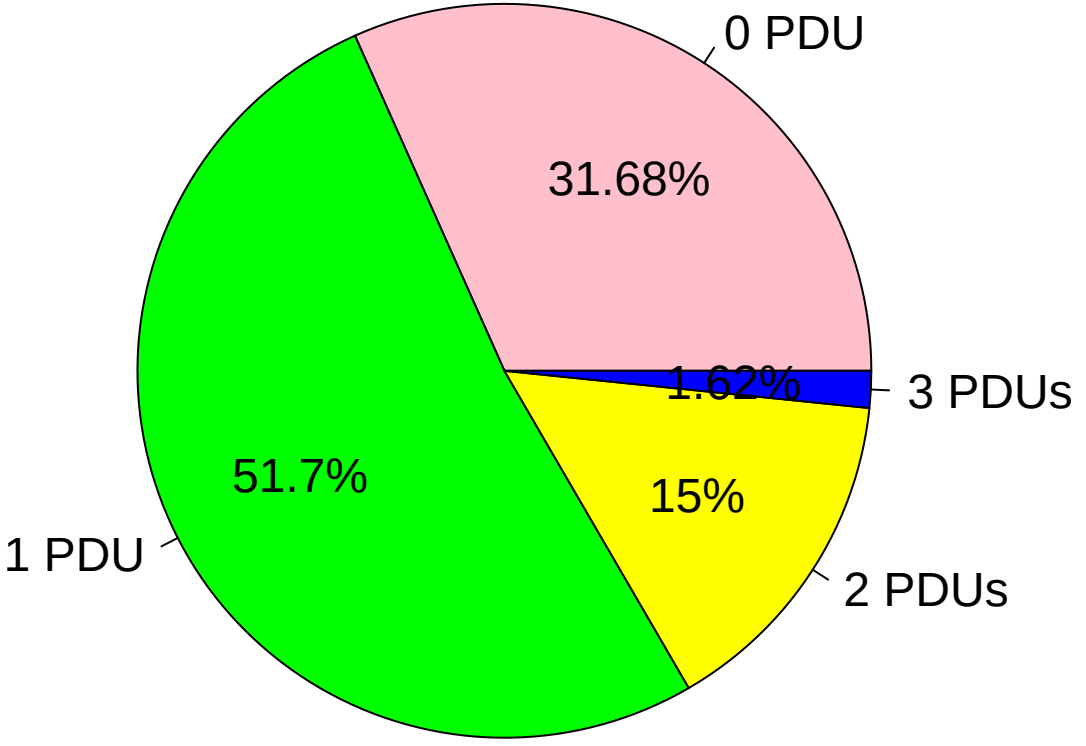

Number of Waiting PDUs in the station 6
Waiting PDUs
0
10
20
30
40
0
2000
4000
6000
8000
10000
Time

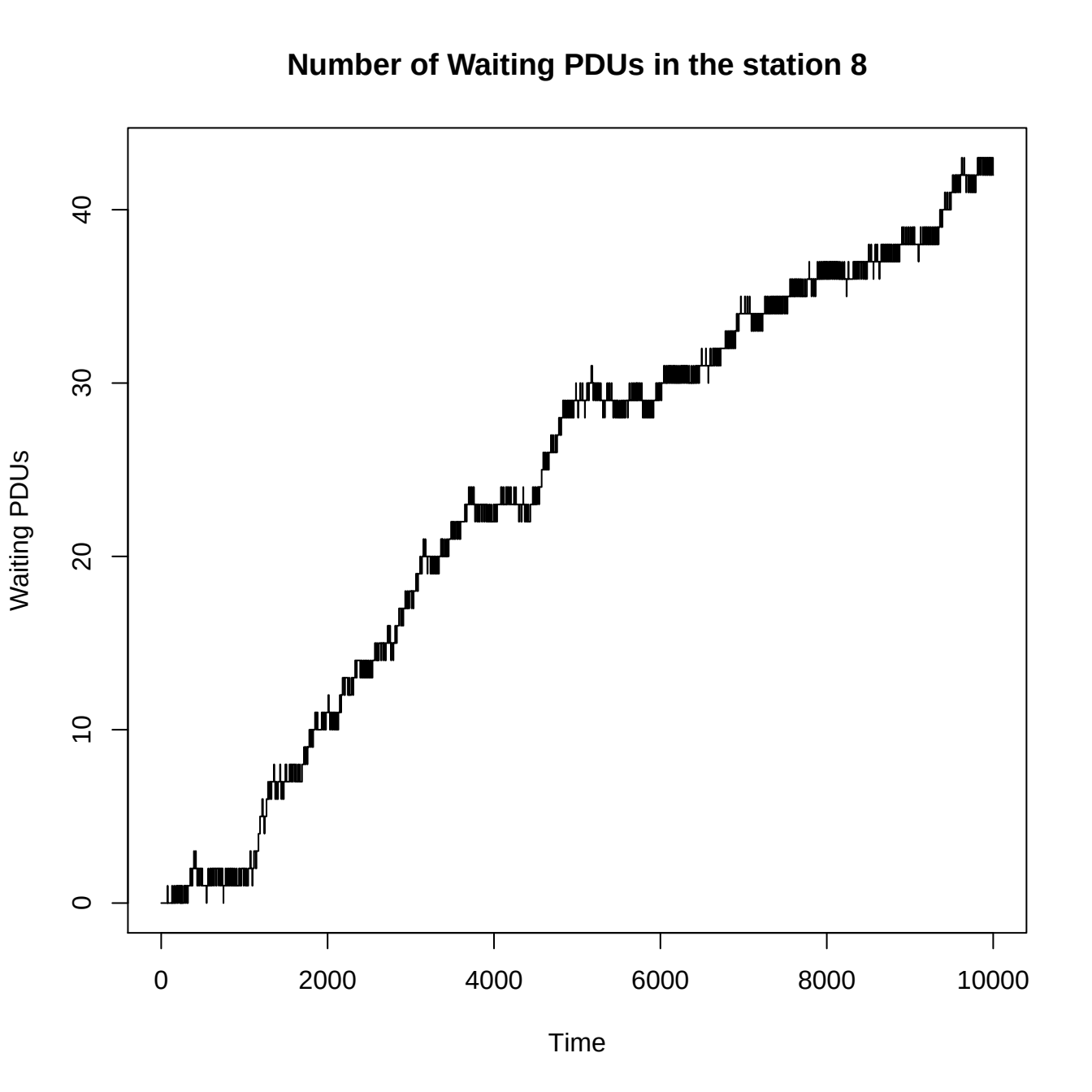

Occurency of the number of waiting PDUs, station 6
Occurency
0
100
200
300
400
500
600
700
0
2
4
6
8
11
14
17
20
23
26
29
32
35
38
Waiting PDUs

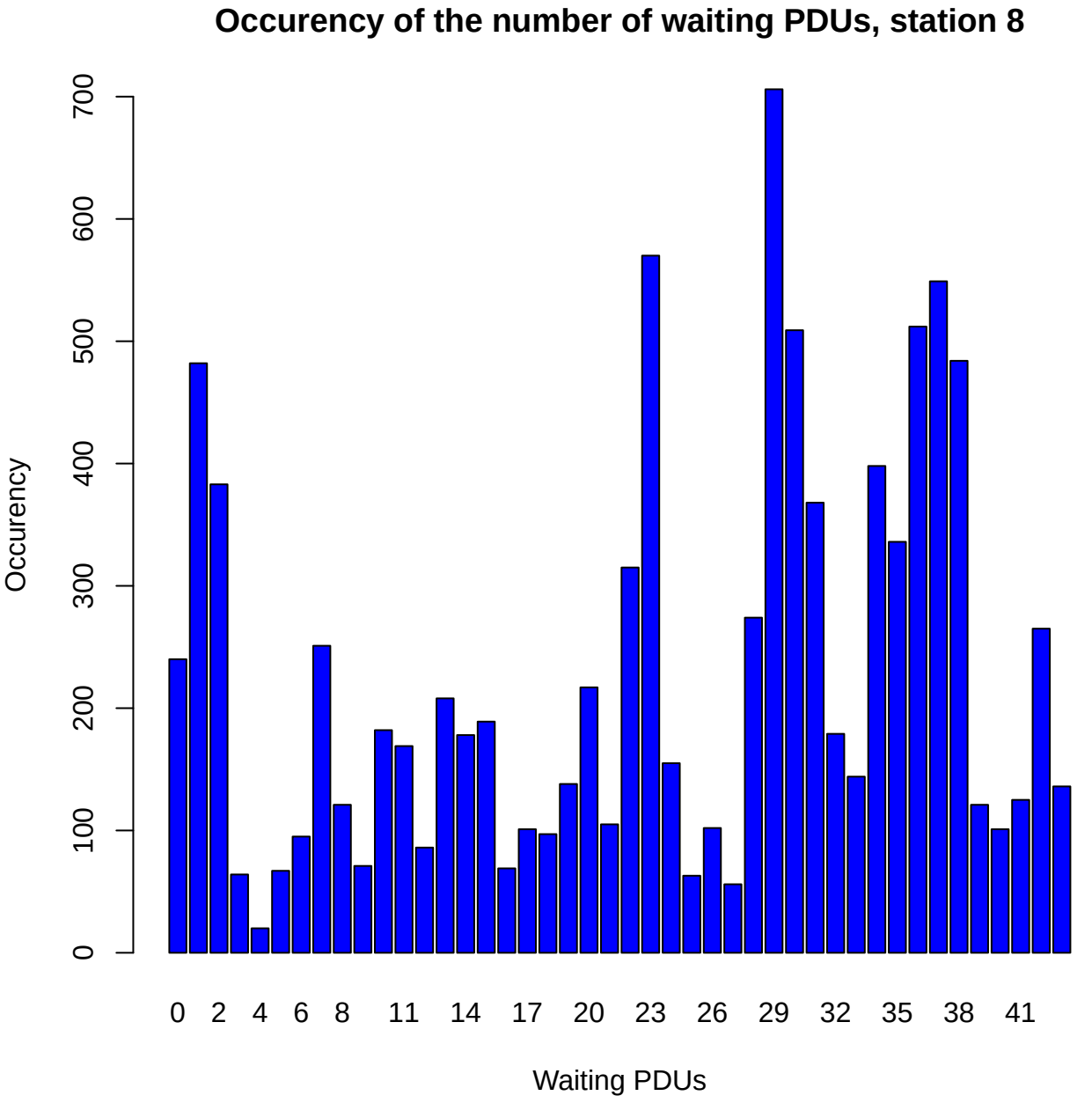

Number of Waiting PDUs in the station 7
Waiting PDUs
0.0
0.5
1.0
1.5
2.0
2.5
3.0
0
2000
4000
6000
8000
10000
Time

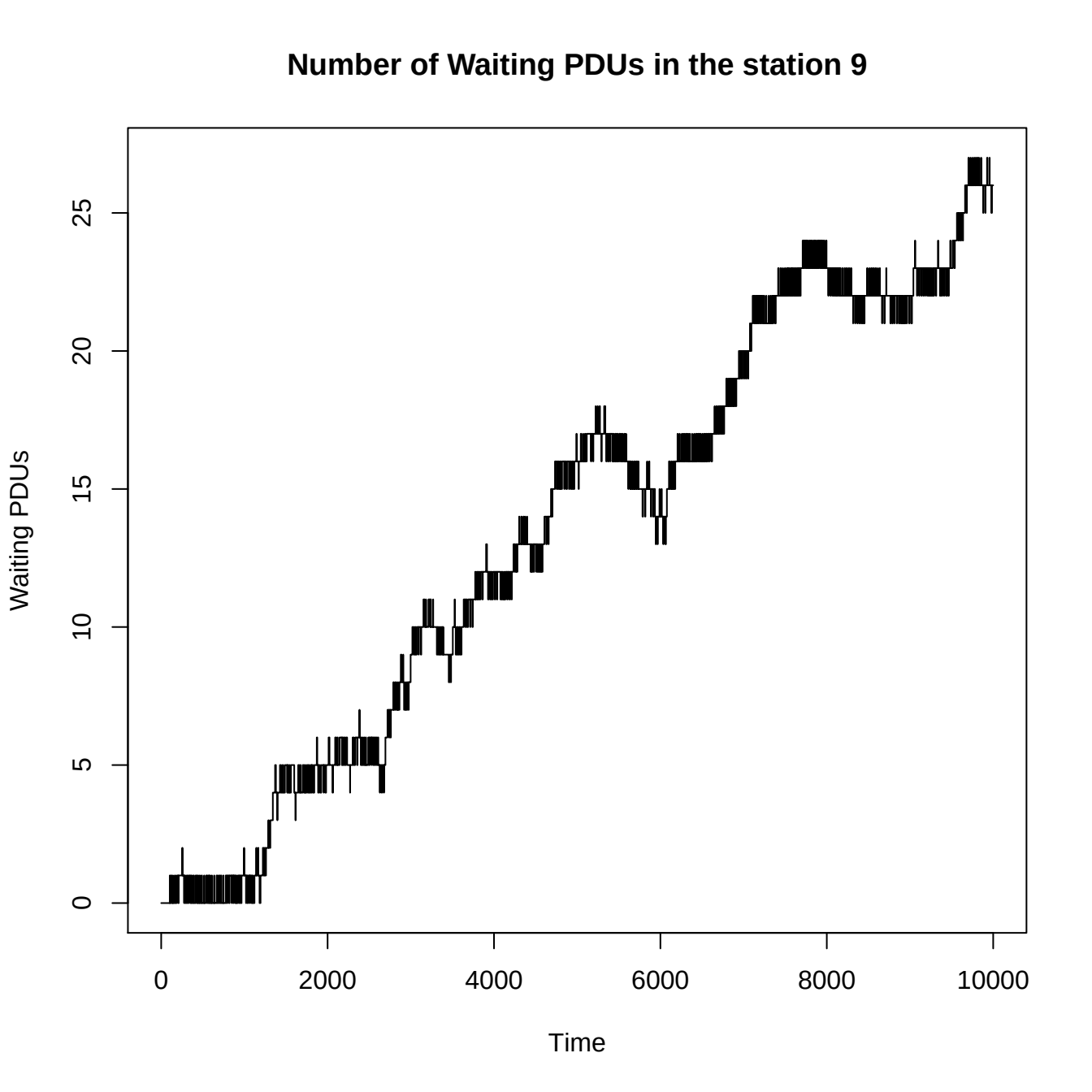

Occurency of the number of waiting PDUs, station 7
Occurency
0
1000
2000
3000
4000
5000
0
1
2
3
Waiting PDUs

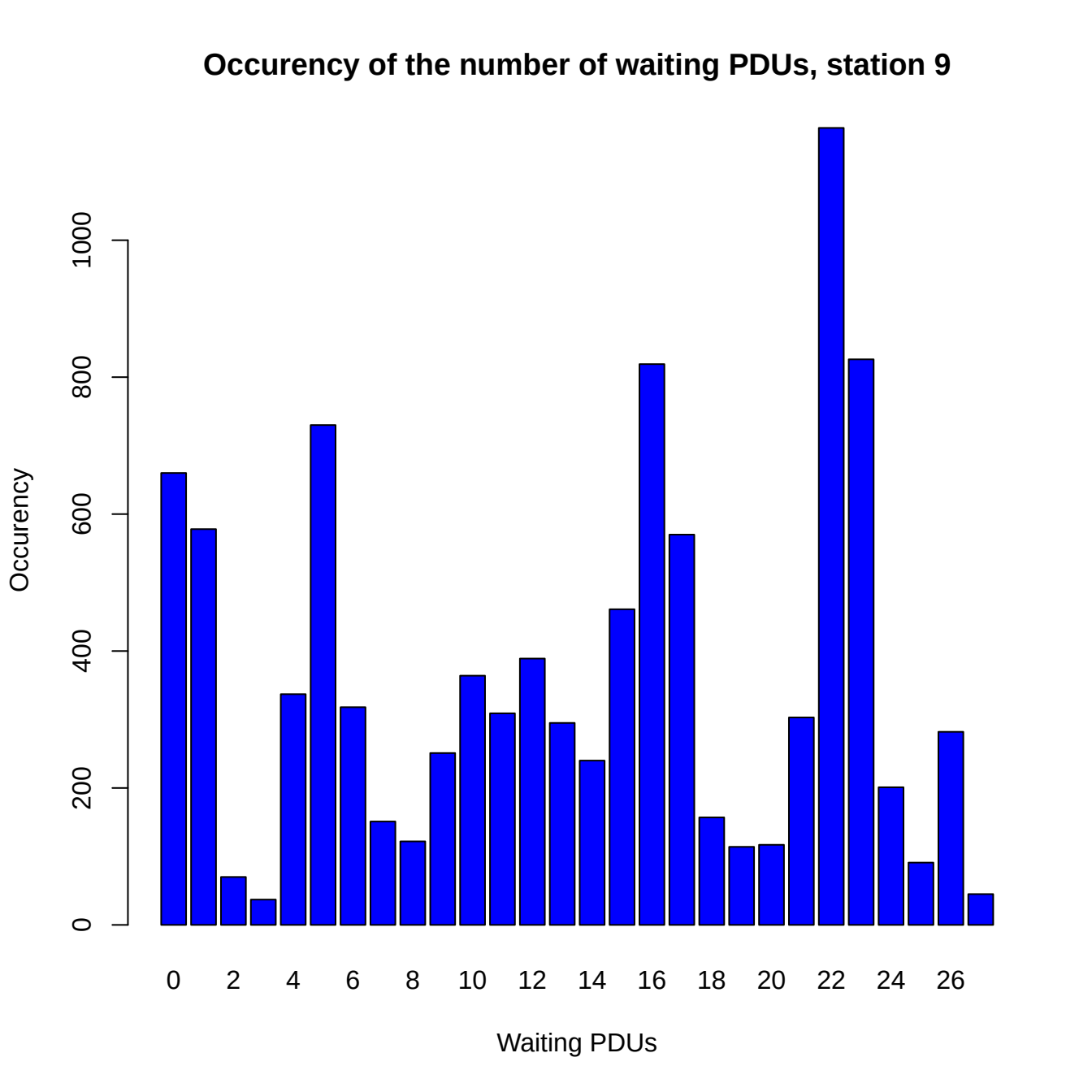
Frequency of the number of waiting PDUs, station 7

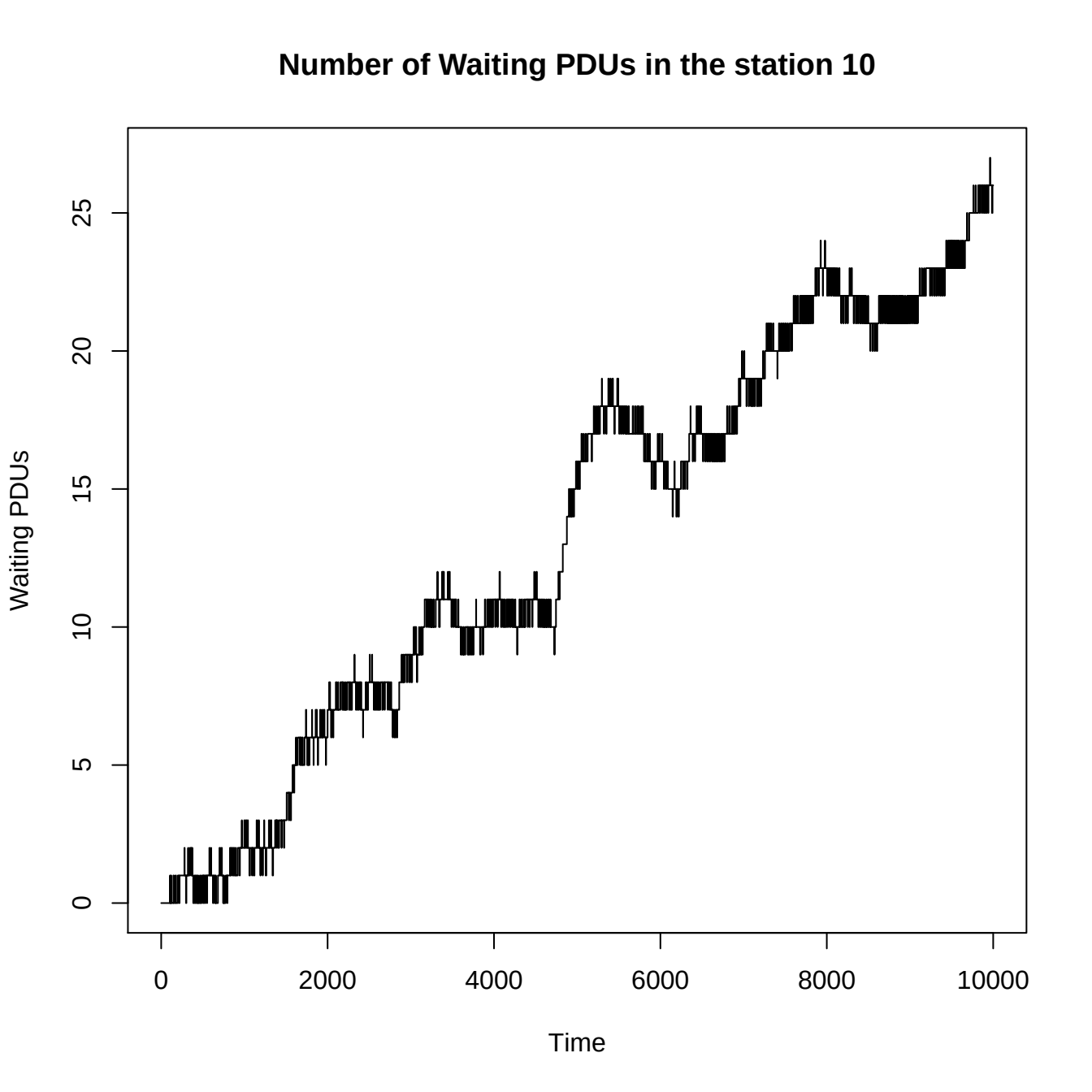


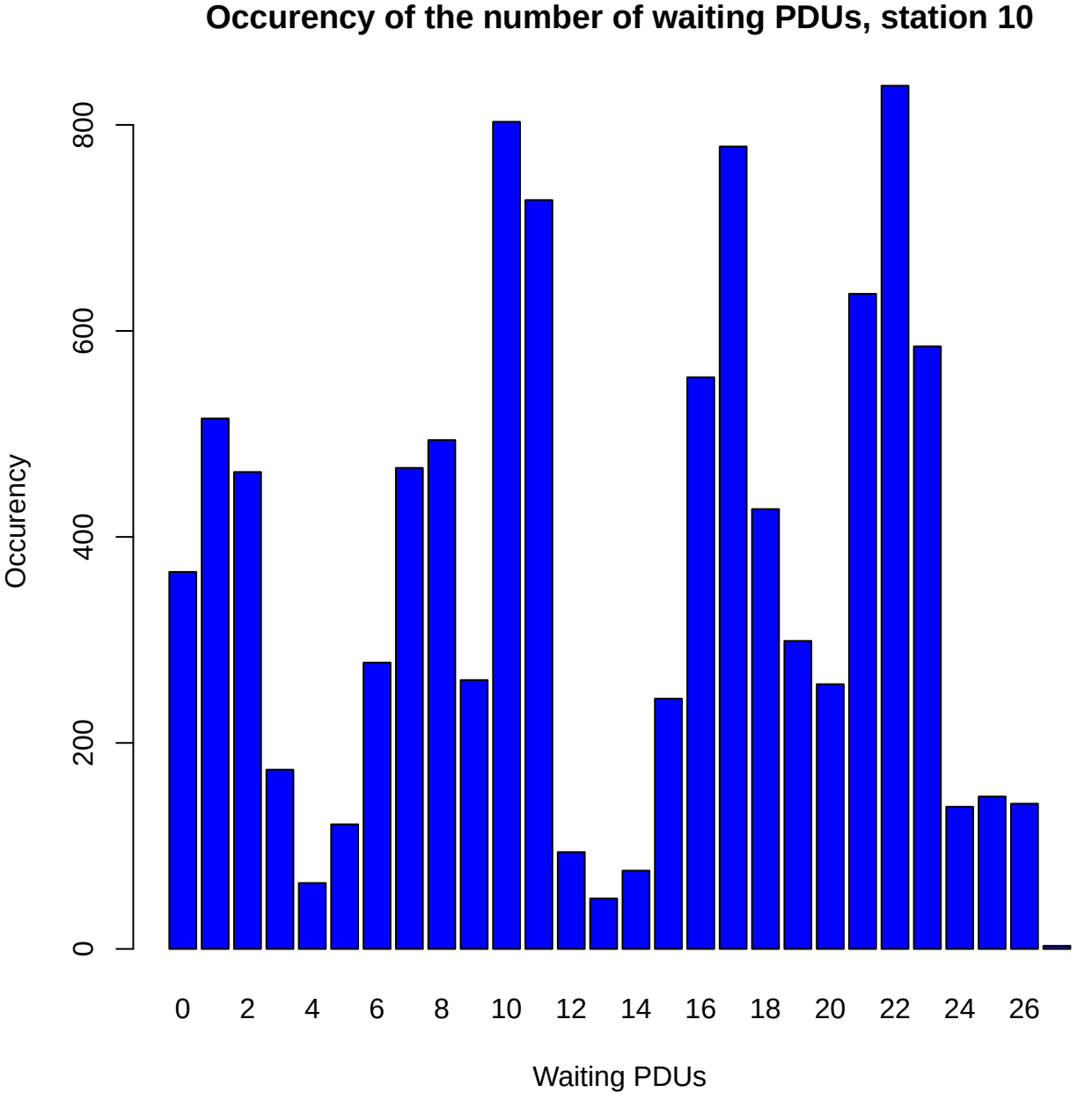

Number of Waiting PDUs in the station 8
Waiting PDUs
0
10
20
30
40
0
2000
4000
6000
8000
10000
Time

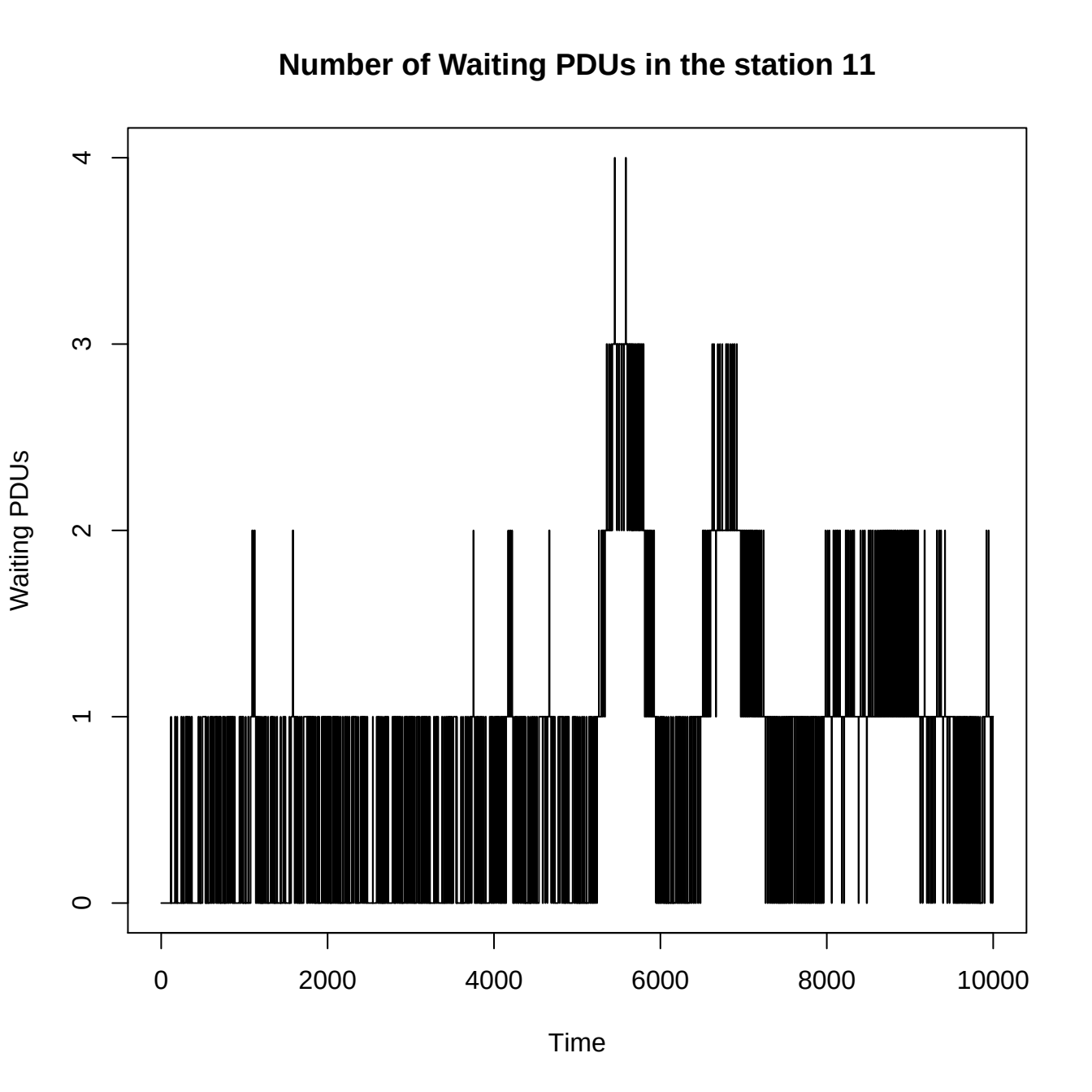

Occurency of the number of waiting PDUs, station 8
Occurency
0
100
200
300
400
500
600
700
0
2
4
6
8
11
14
17
20
23
26
29
32
35
38
41
Waiting PDUs

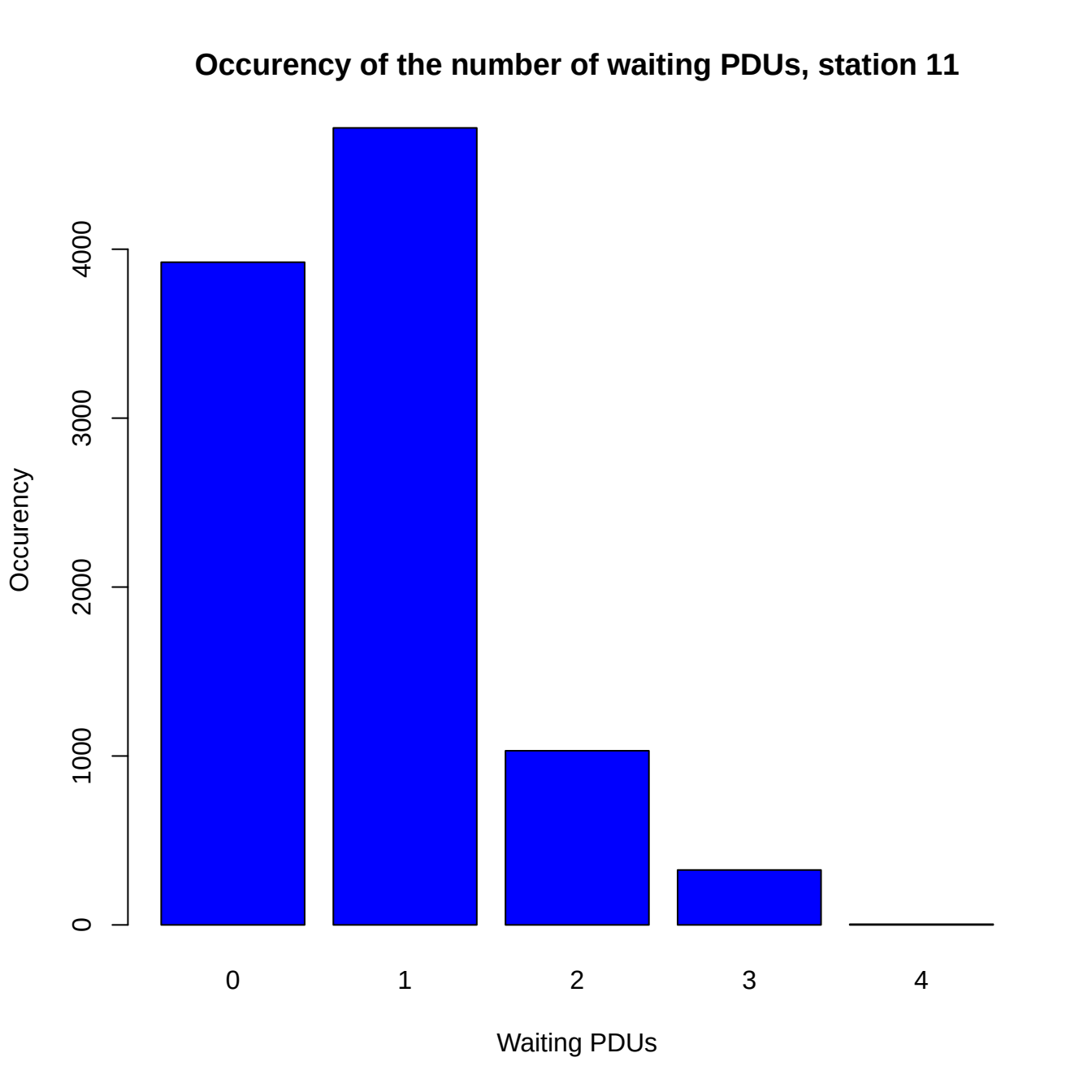

Number of Waiting PDUs in the station 9
Waiting PDUs
0
5
10
15
20
25
0
2000
4000
6000
8000
10000
Time


Occurency of the number of waiting PDUs, station 9
Occurency
0
200
400
600
800
1000
0
2
4
6
8
10
12
14
16
18
20
22
24
26
Waiting PDUs

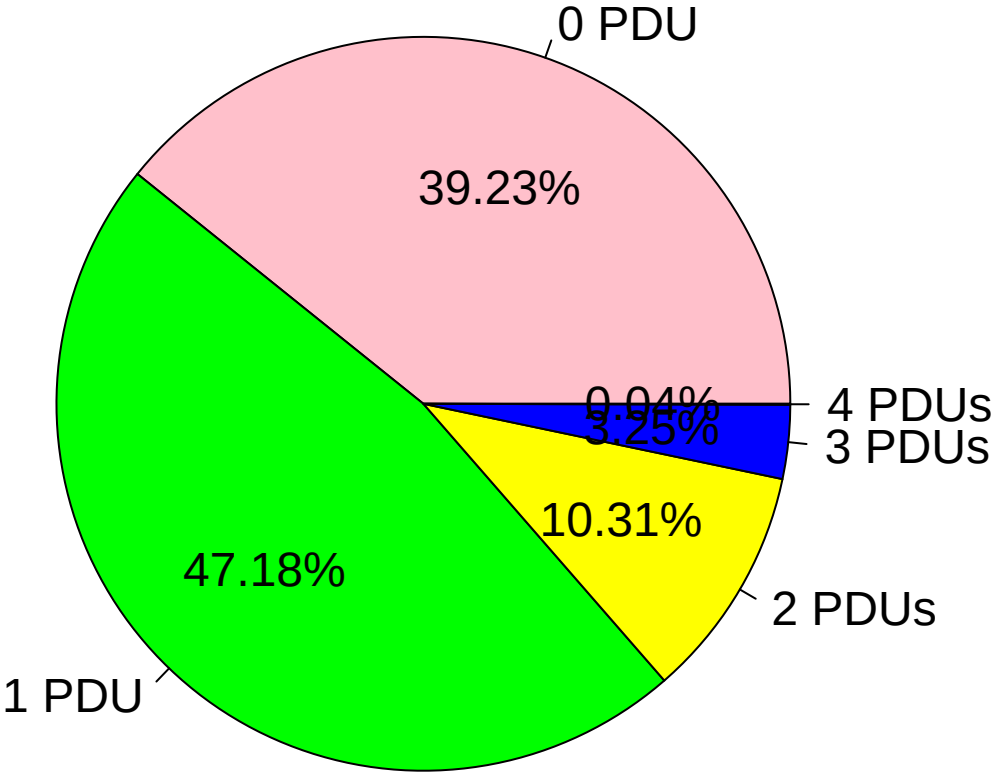

Number of Waiting PDUs in the station 10
Waiting PDUs
0
5
10
15
20
25
0
2000
4000
6000
8000
10000
Time

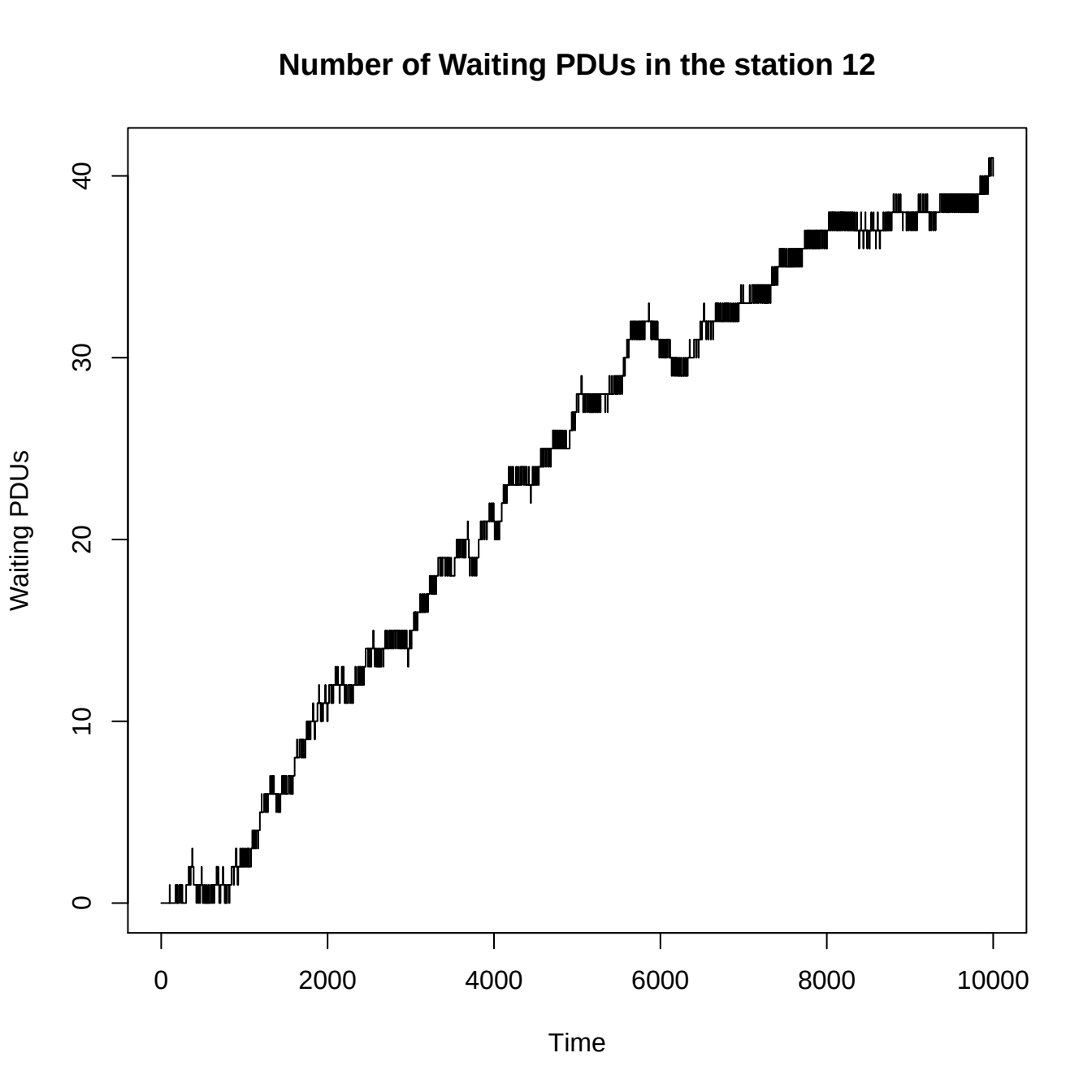

Occurency of the number of waiting PDUs, station 10
Occurency
0
200
400
600
800
0
2
4
6
8
10
12
14
16
18
20
22
24
26
Waiting PDUs

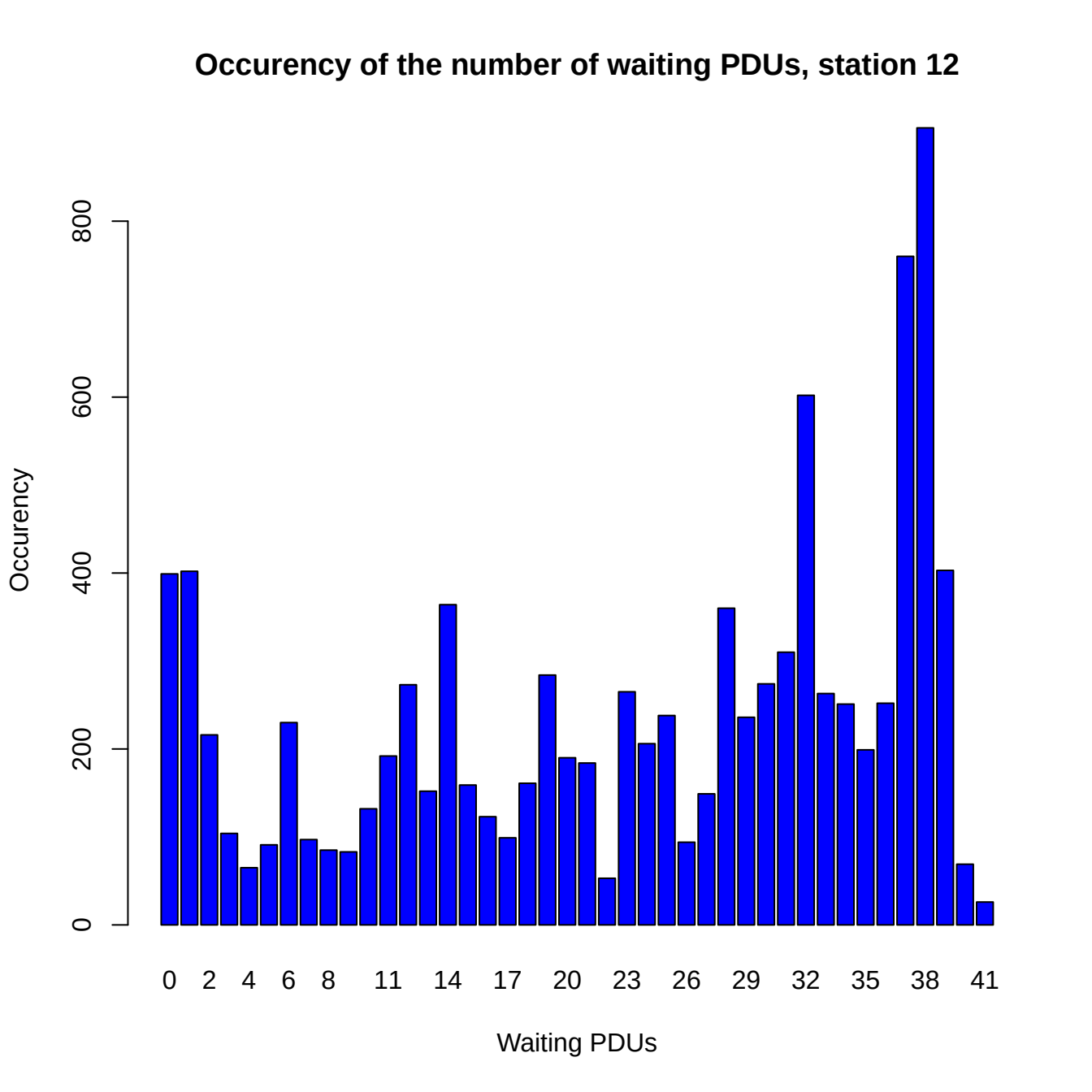

Number of Waiting PDUs in the station 11
Waiting PDUs
0
1
2
3
4
0
2000
4000
6000
8000
10000
Time

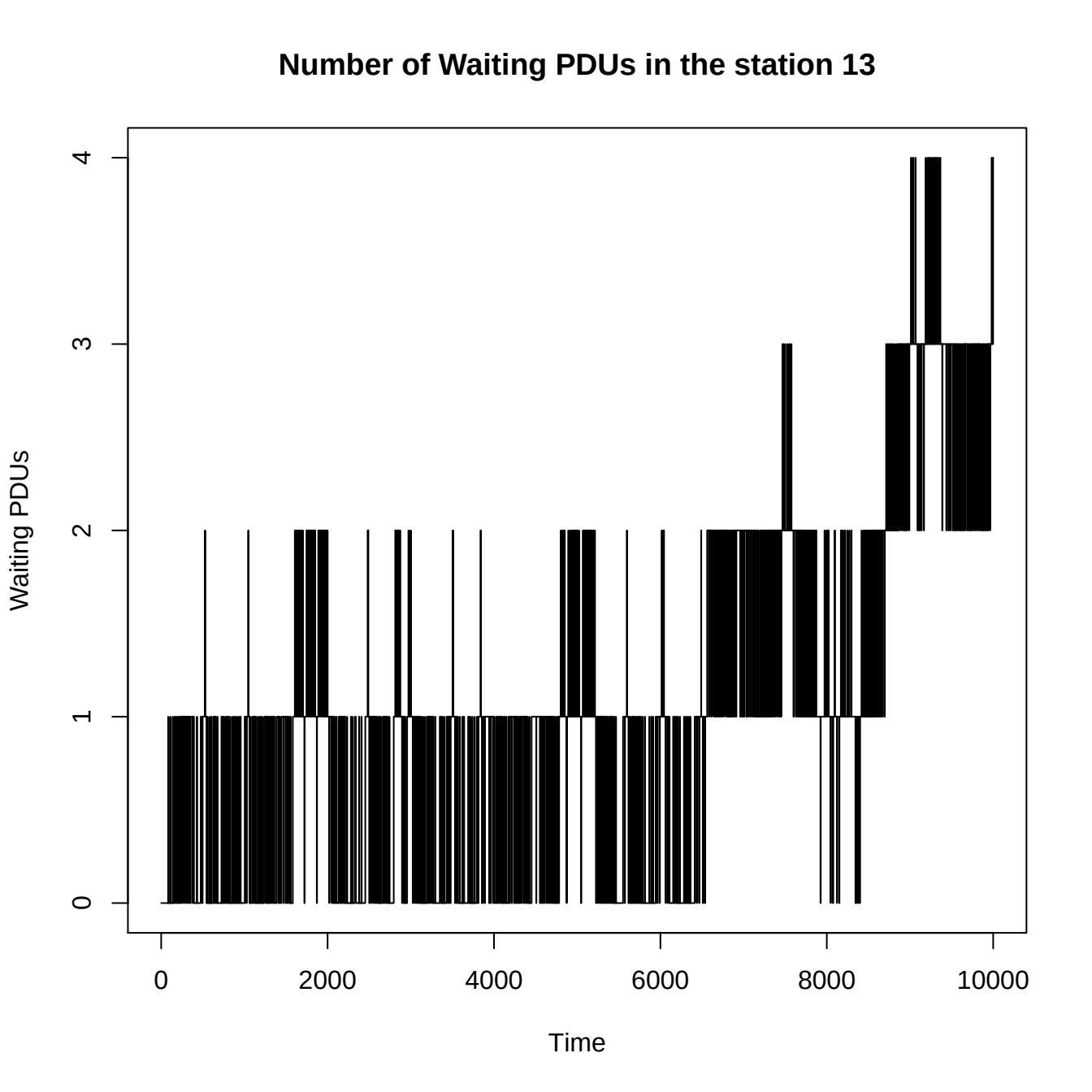

Occurency of the number of waiting PDUs, station 11
Occurency
0
1000
2000
3000
4000
0
1
2
3
4
Waiting PDUs

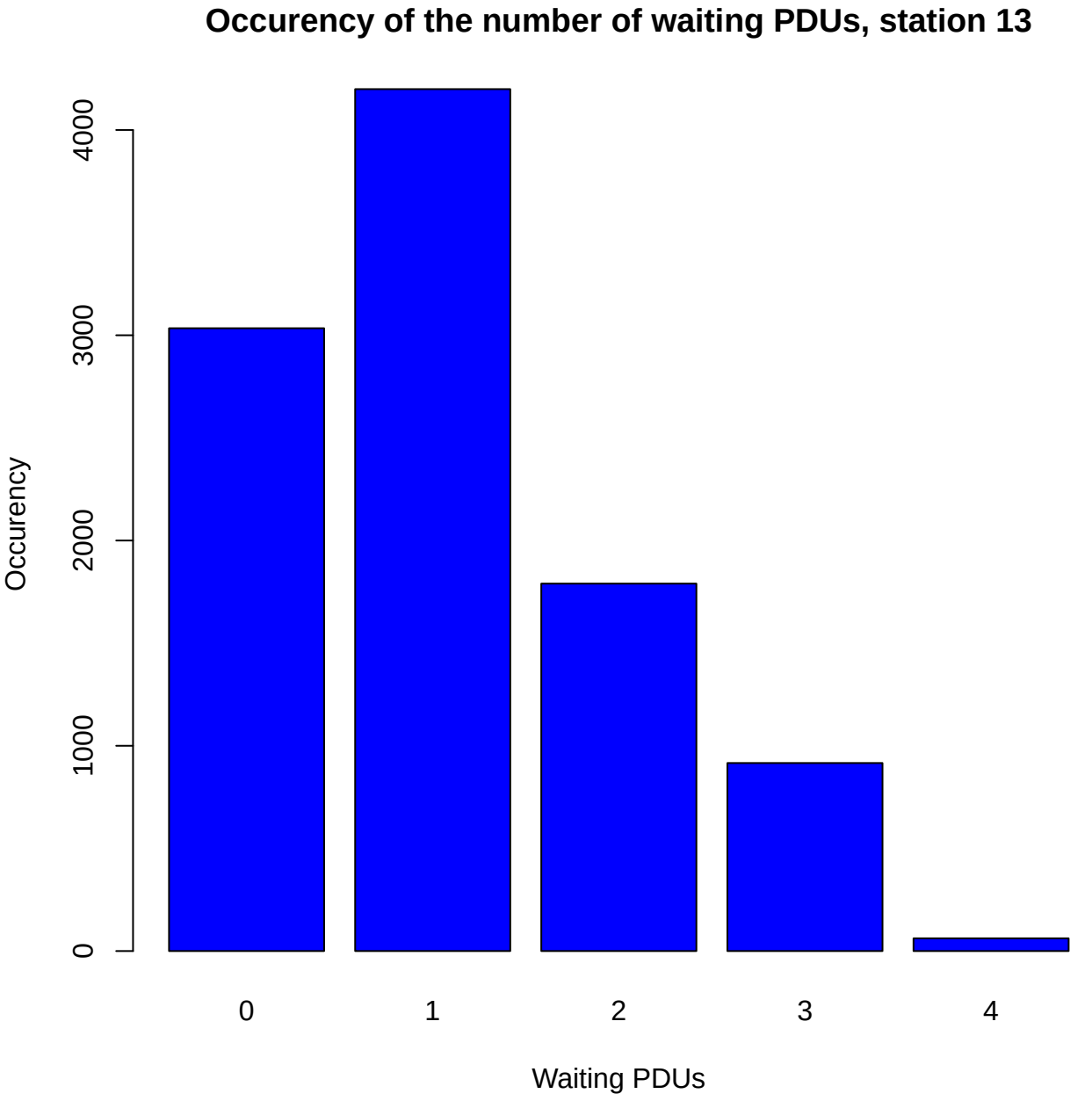
Frequency of the number of waiting PDUs, station 11



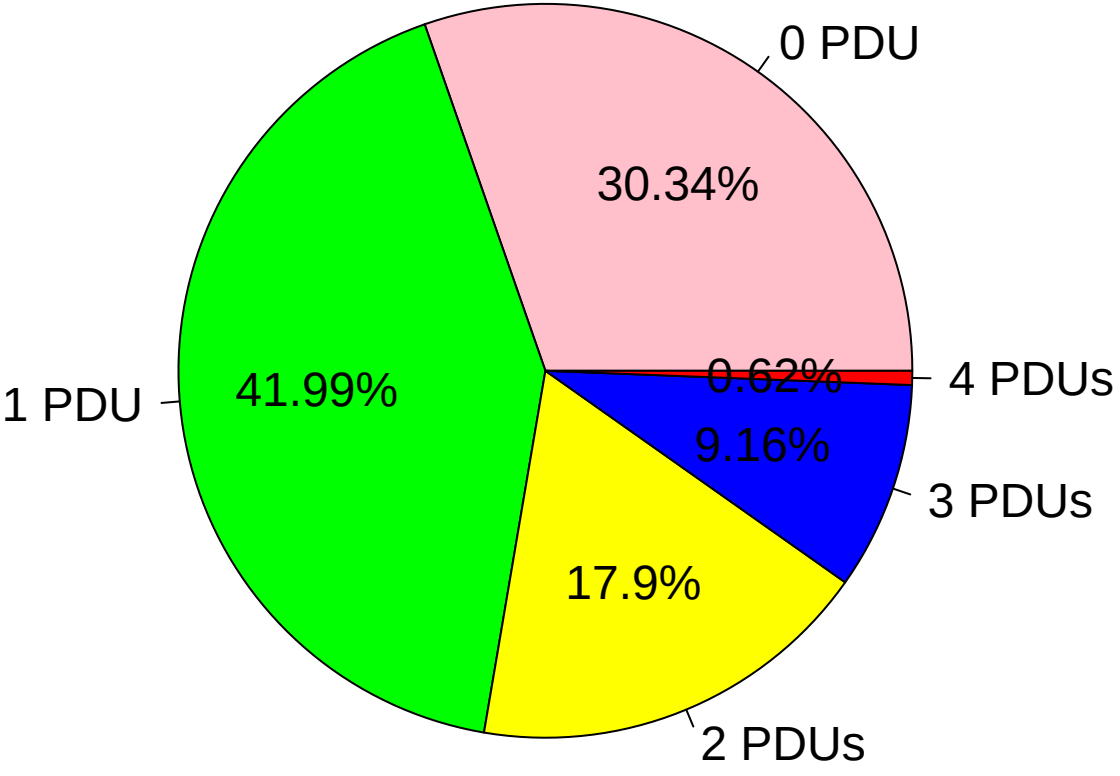

Number of Waiting PDUs in the station 12
Waiting PDUs
0
10
20
30
40
0
2000
4000
6000
8000
10000
Time

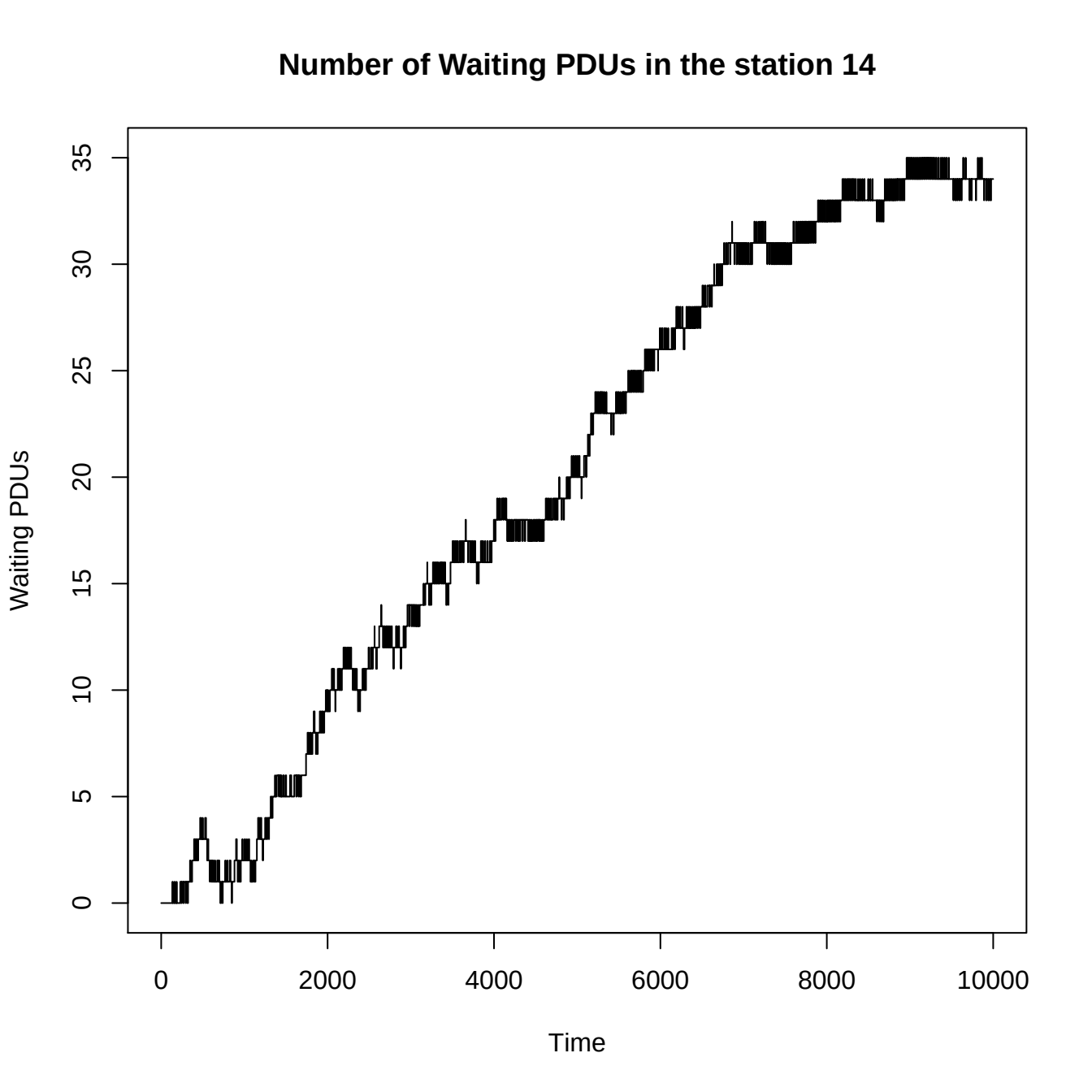

Occurency of the number of waiting PDUs, station 12
Occurency
0
200
400
600
800
0
2
4
6
8
11
14
17
20
23
26
29
32
35
38
41
Waiting PDUs

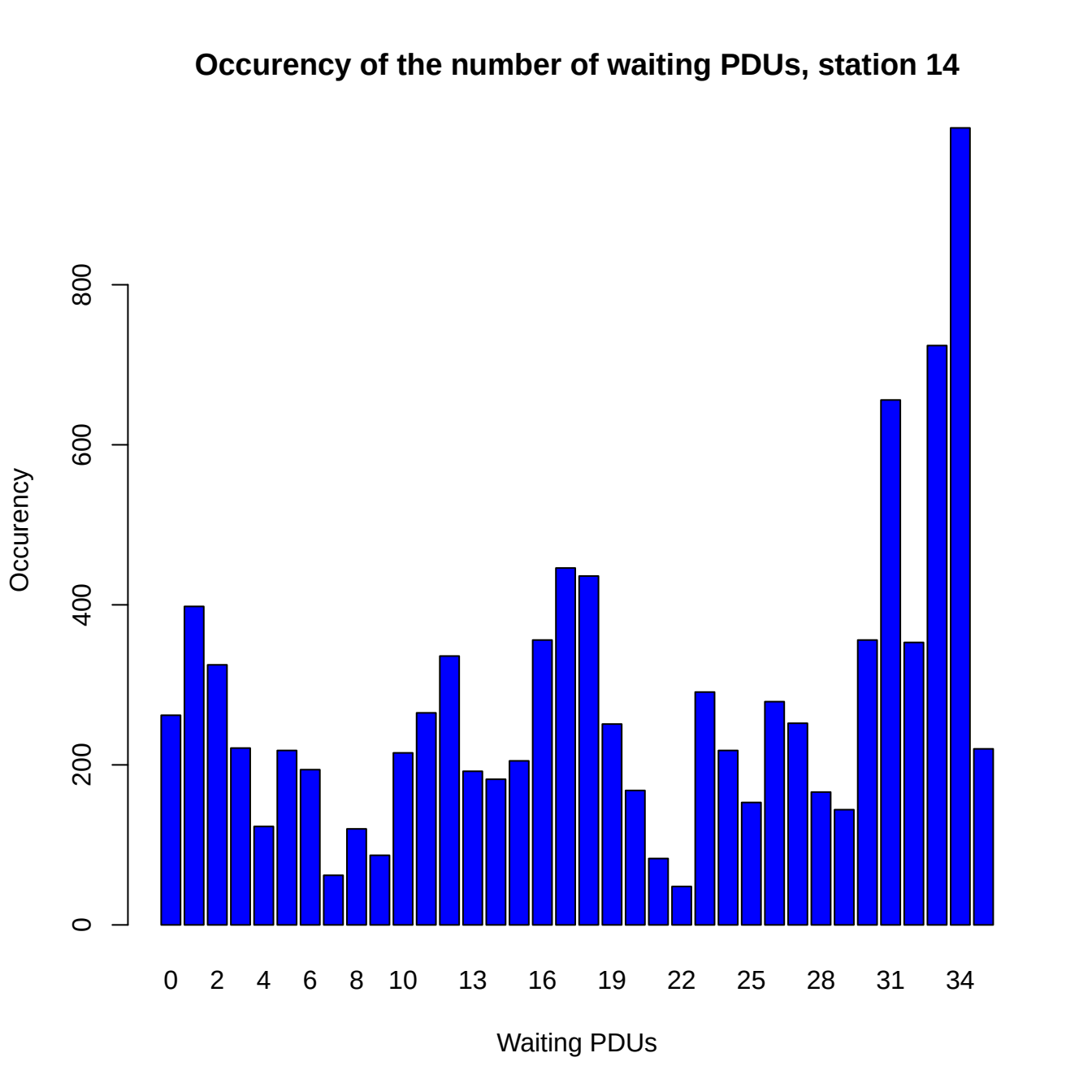

Number of Waiting PDUs in the station 13
Waiting PDUs
0
1
2
3
4
0
2000
4000
6000
8000
10000
Time

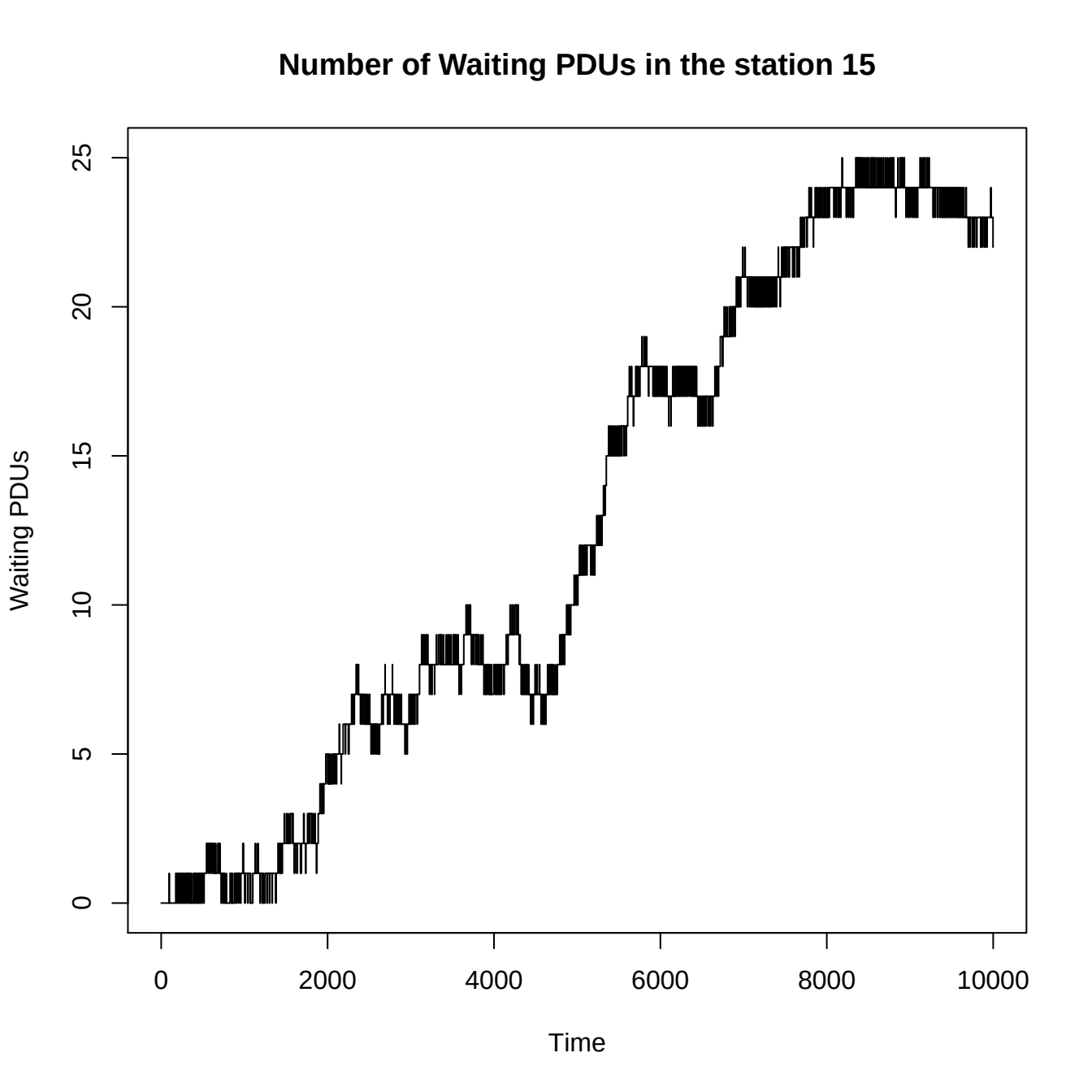

Occurency of the number of waiting PDUs, station 13
Occurency
0
1000
2000
3000
4000
0
1
2
3
4
Waiting PDUs

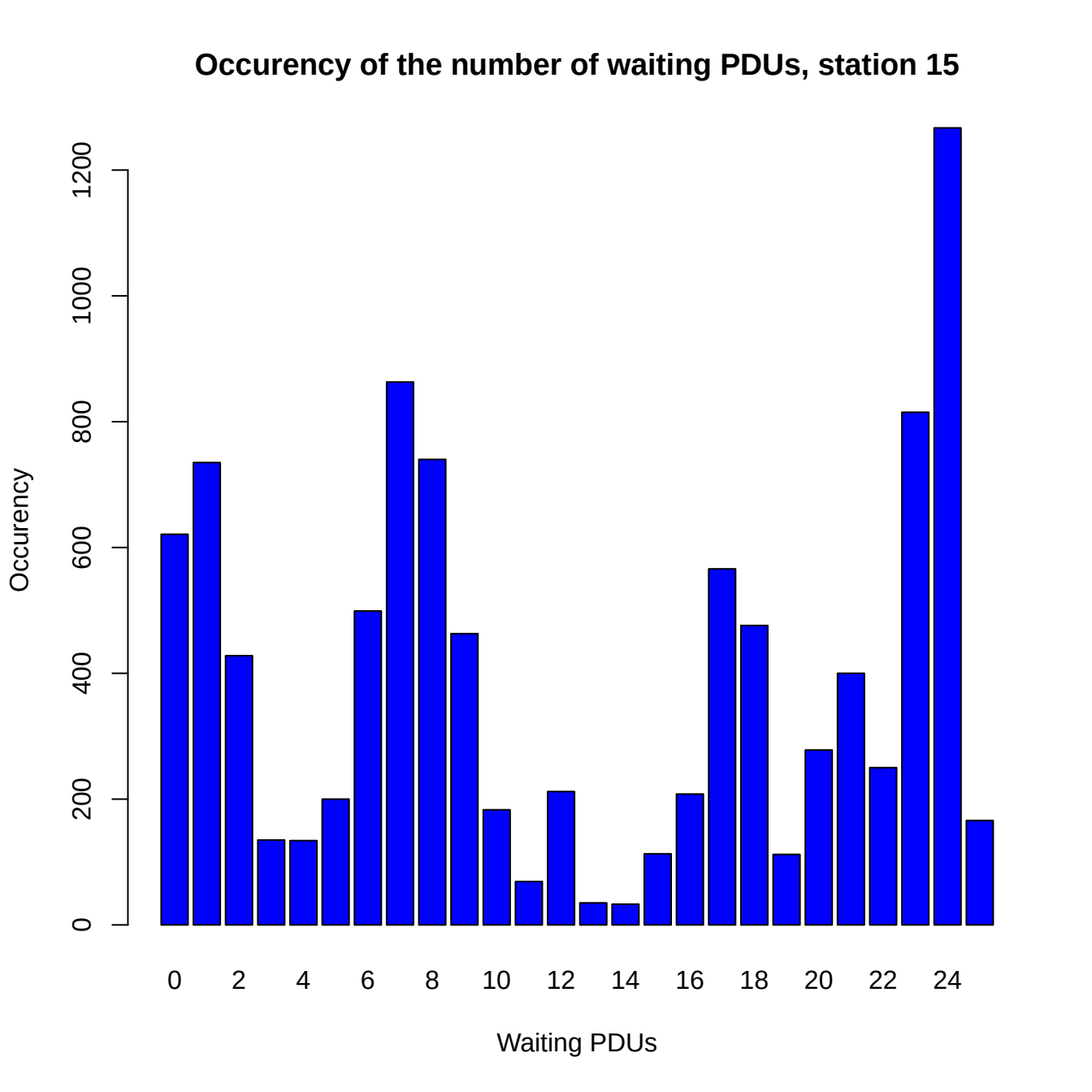
Frequency of the number of waiting PDUs, station 13

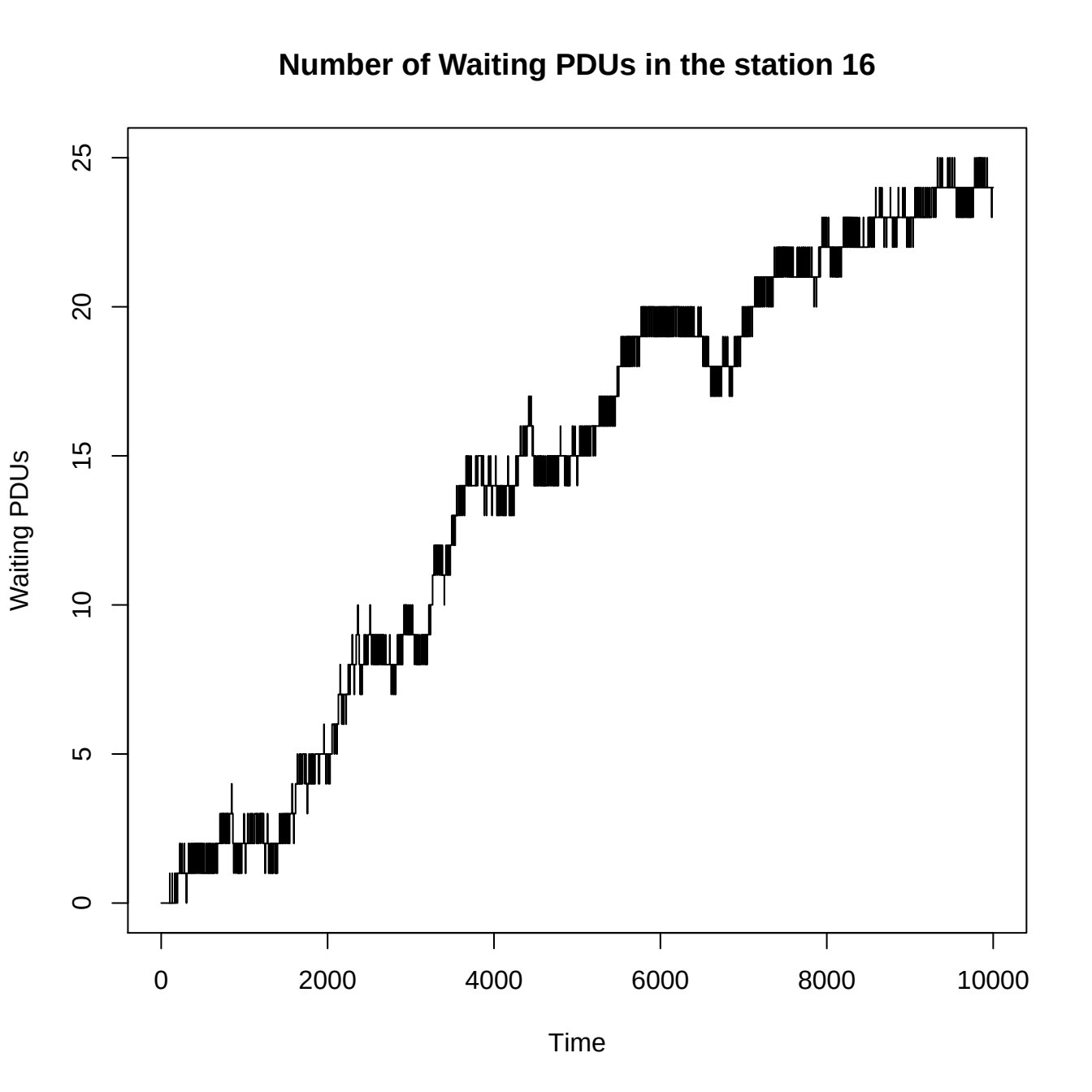


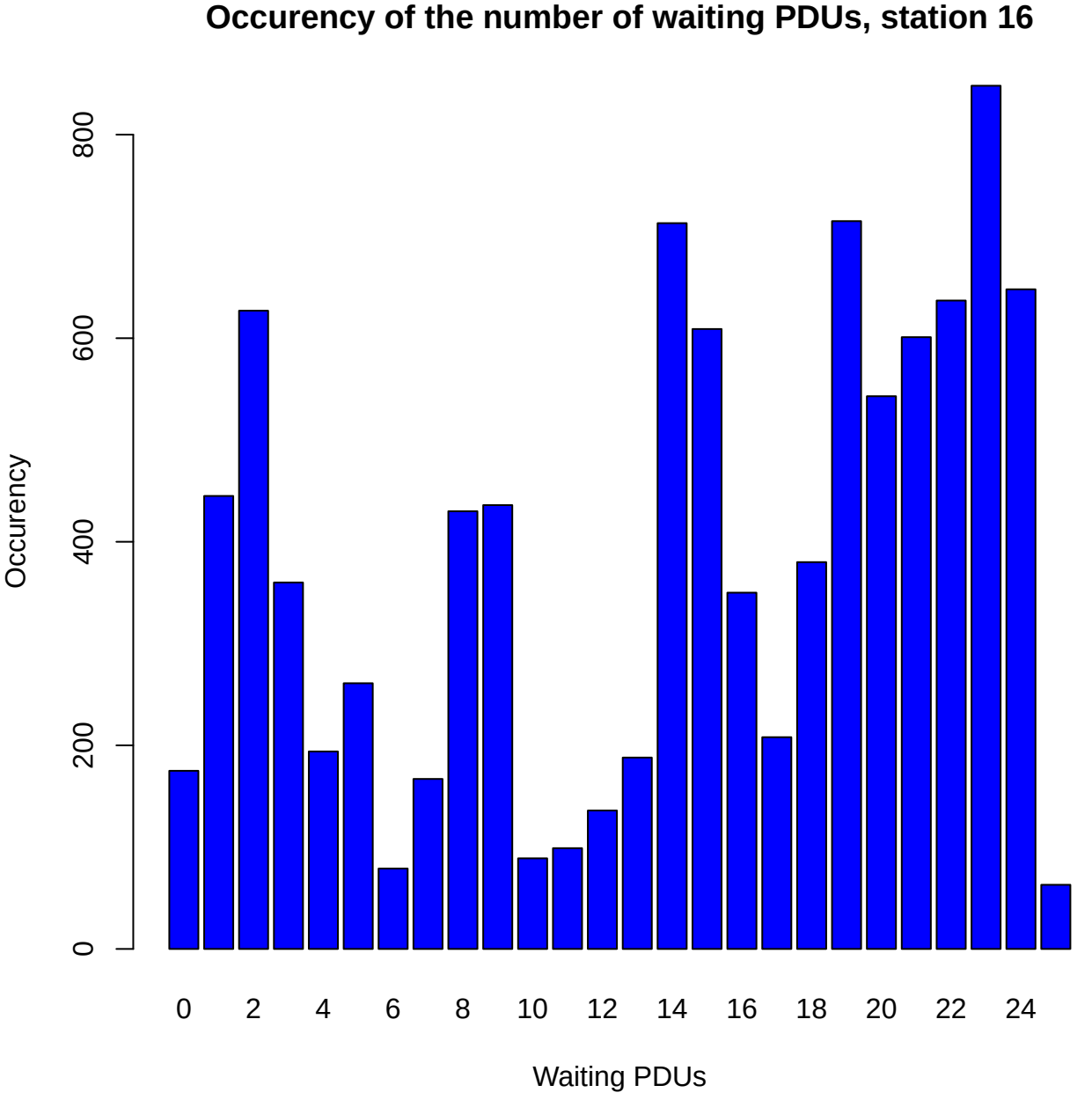

Number of Waiting PDUs in the station 14
Waiting PDUs
0
5
10
15
20
25
30
35
0
2000
4000
6000
8000
10000
Time

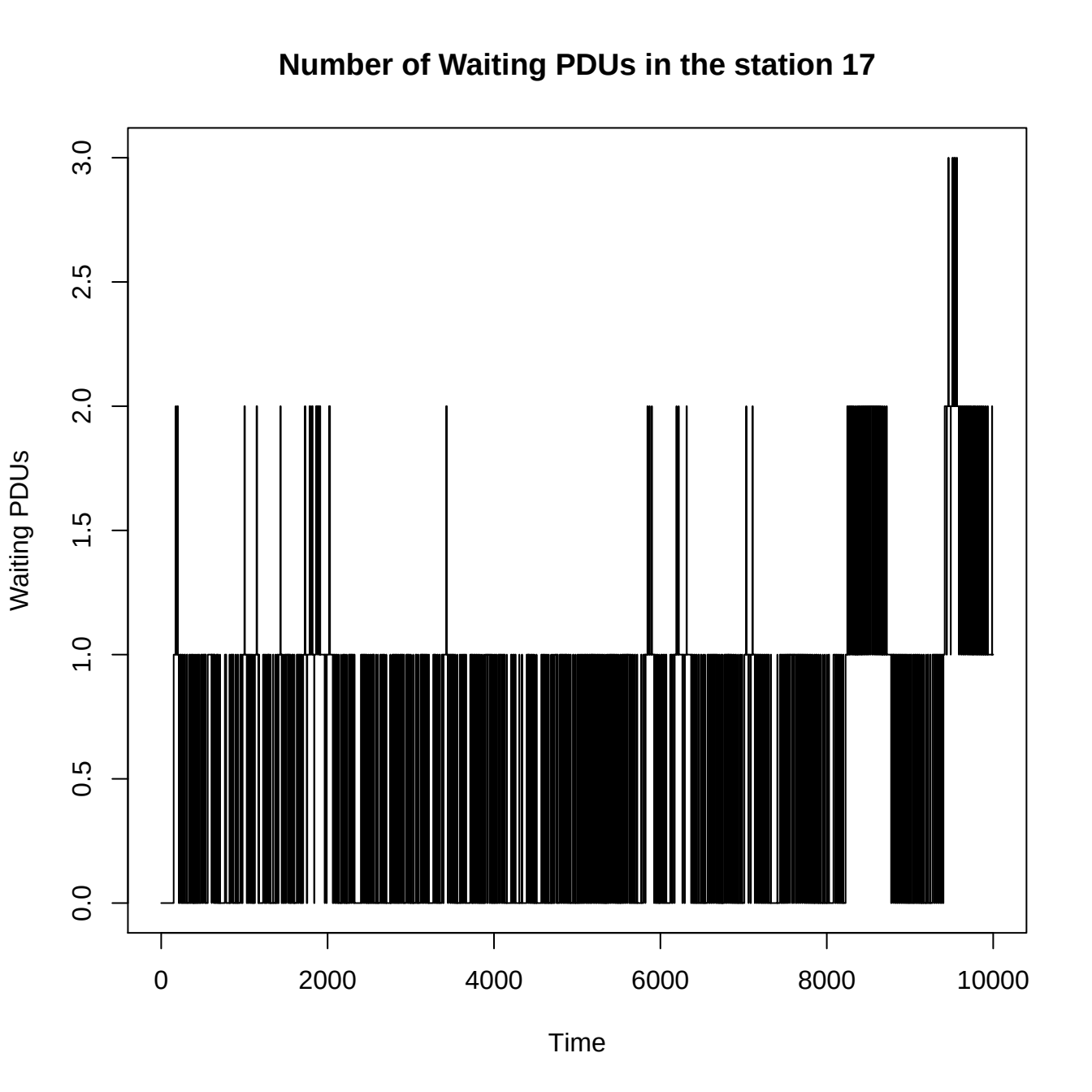

Occurency of the number of waiting PDUs, station 14
Occurency
0
200
400
600
800
0
2
4
6
8
10
13
16
19
22
25
28
31
34
Waiting PDUs

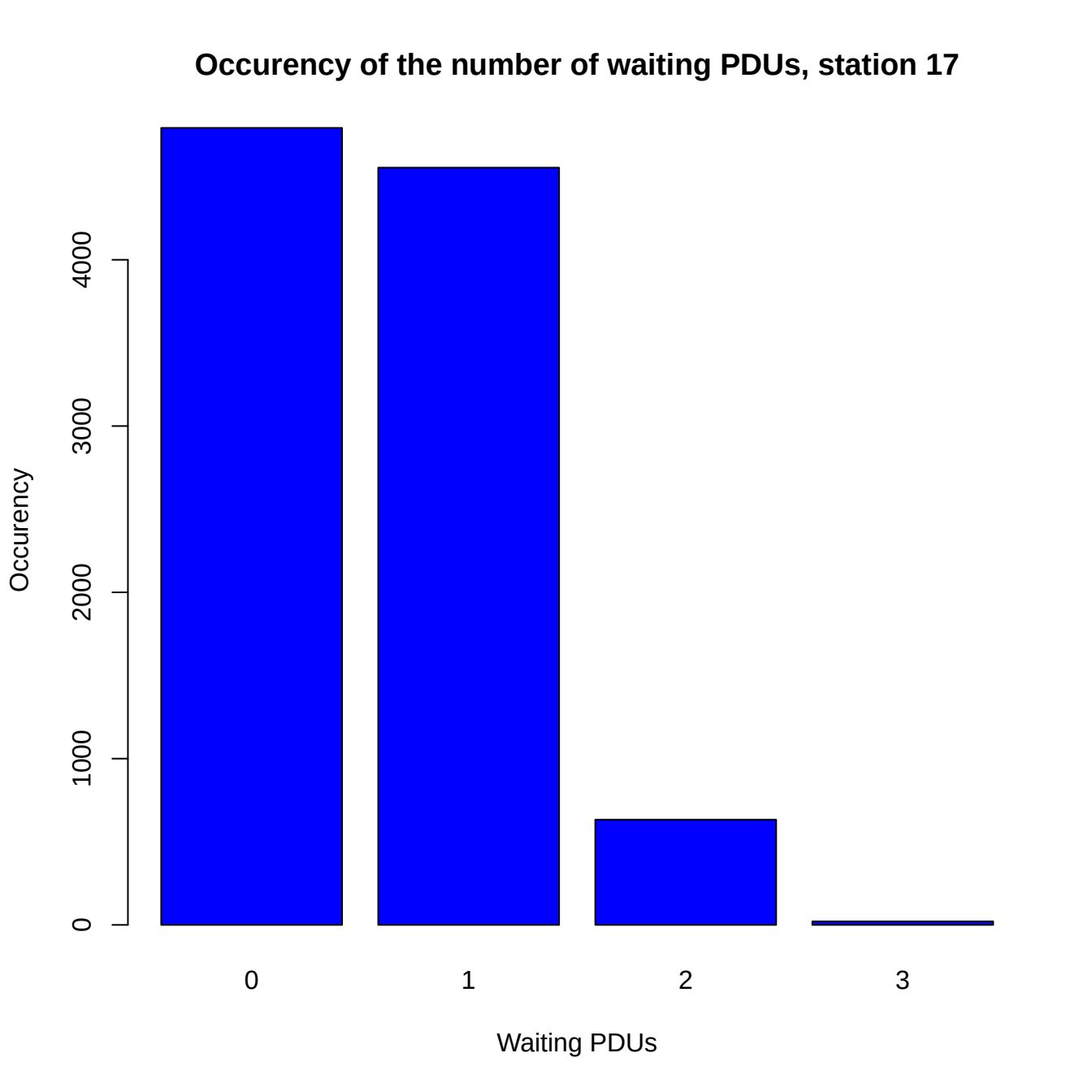

Number of Waiting PDUs in the station 15
Waiting PDUs
0
5
10
15
20
25
0
2000
4000
6000
8000
10000
Time


Occurency of the number of waiting PDUs, station 15
Occurency
0
200
400
600
800
1000
1200
0
2
4
6
8
10
12
14
16
18
20
22
24
Waiting PDUs

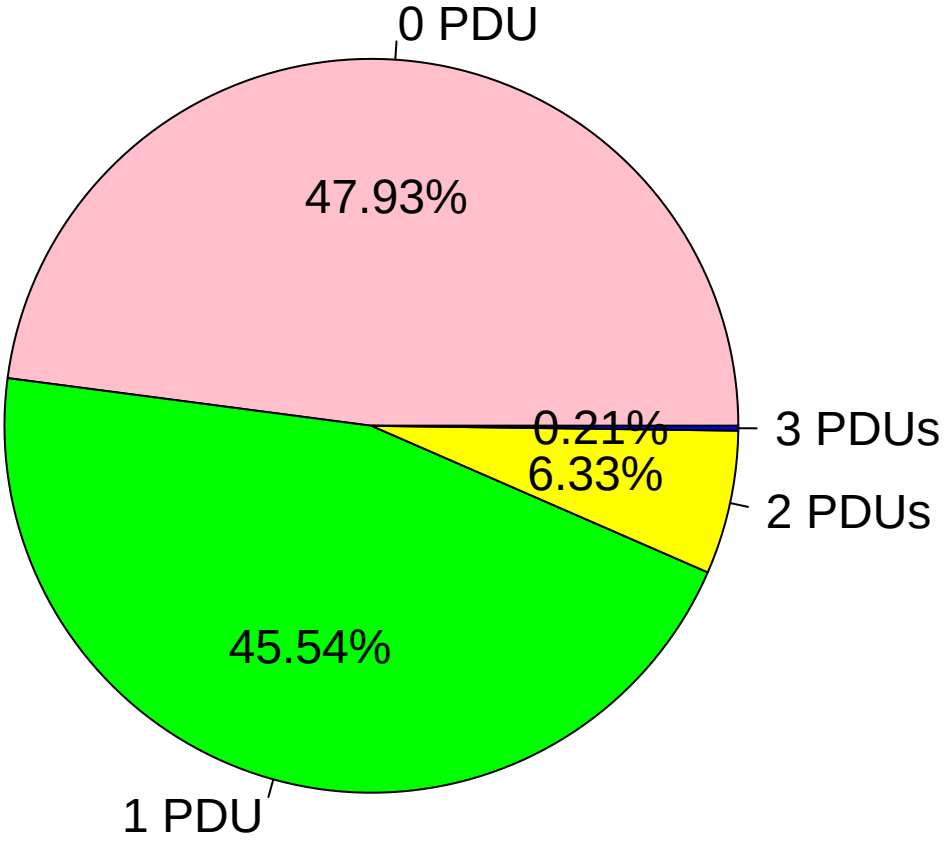

Number of Waiting PDUs in the station 16
Waiting PDUs
0
5
10
15
20
25
0
2000
4000
6000
8000
10000
Time

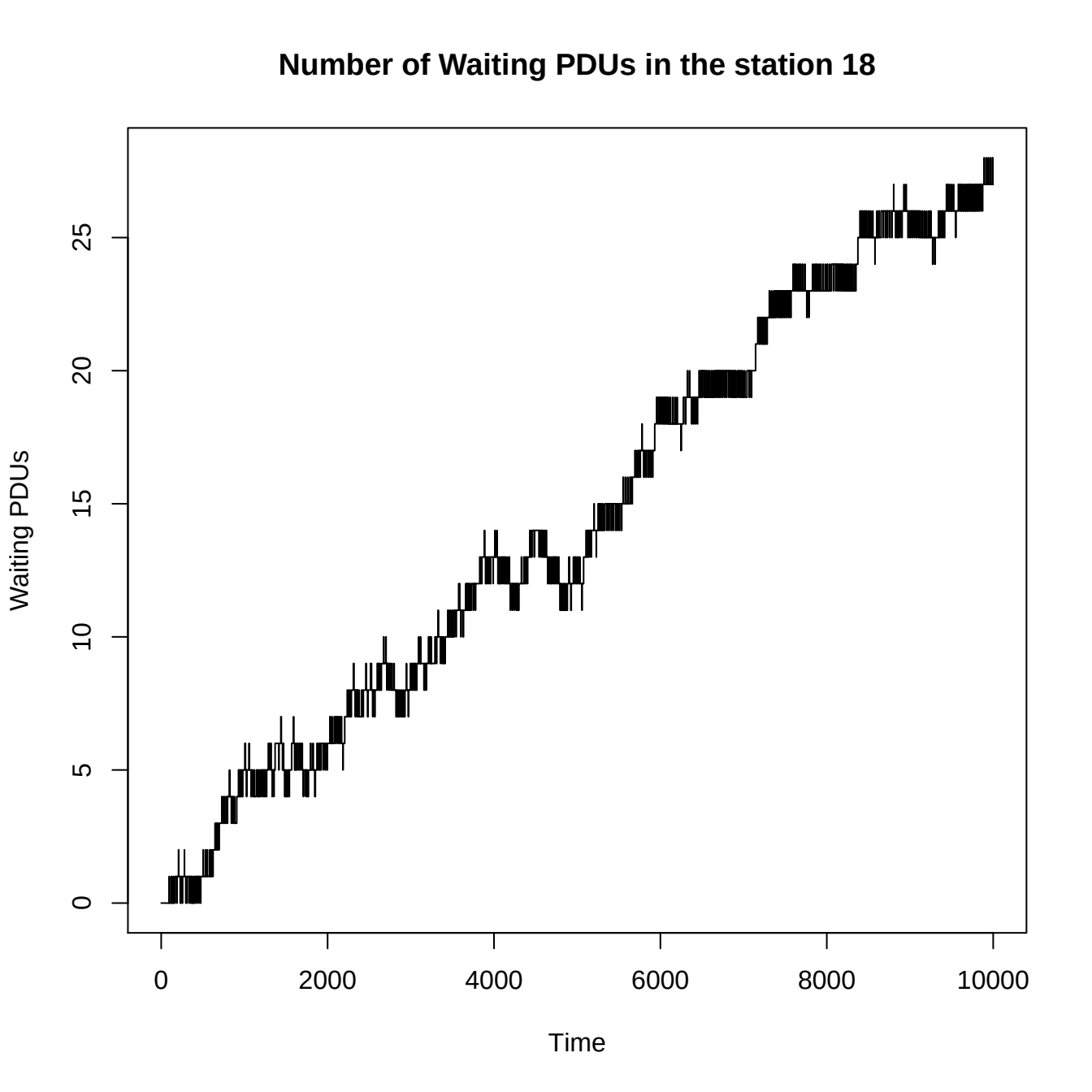

Occurency of the number of waiting PDUs, station 16
Occurency
0
200
400
600
800
0
2
4
6
8
10
12
14
16
18
20
22
24
Waiting PDUs

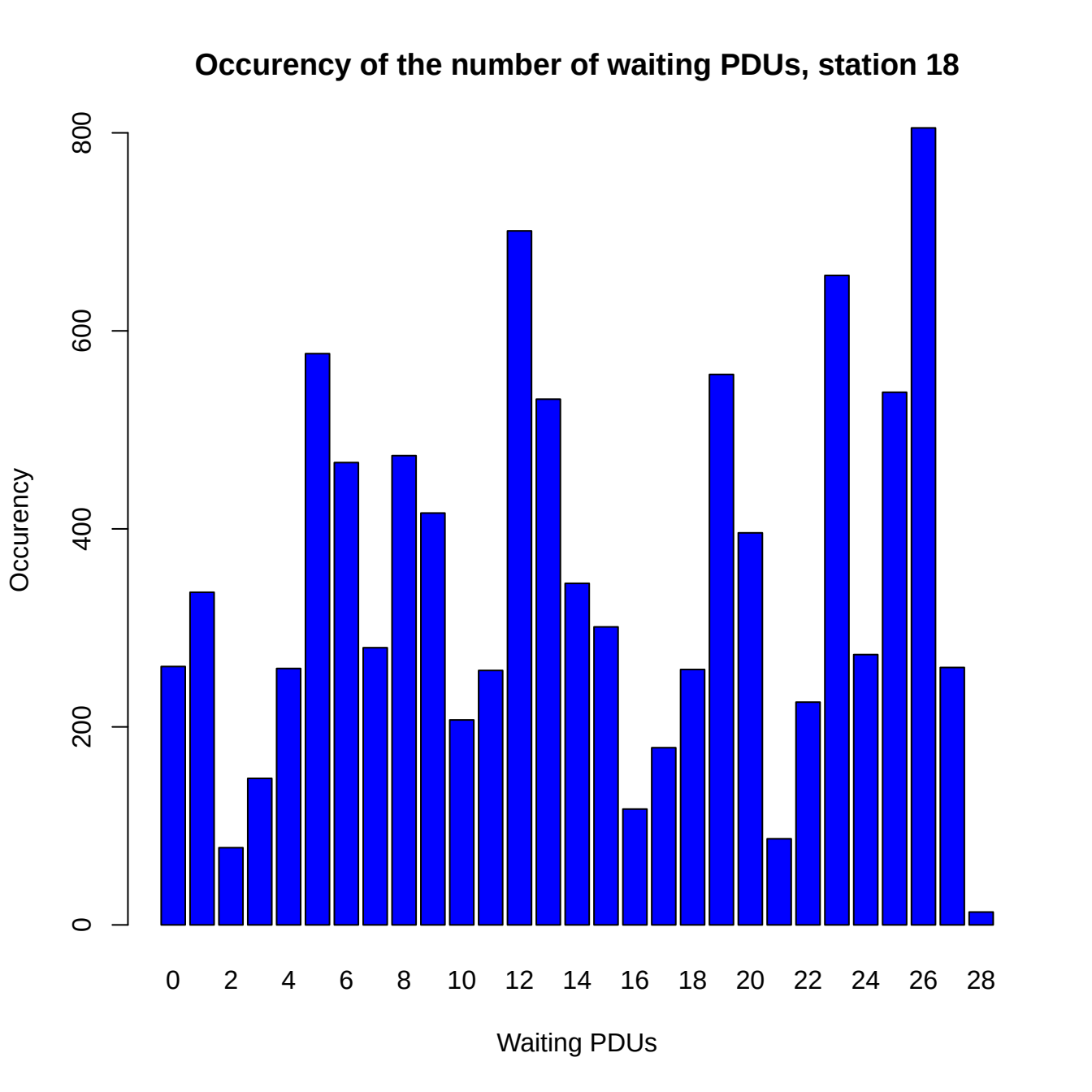

Number of Waiting PDUs in the station 17
Waiting PDUs
0.0
0.5
1.0
1.5
2.0
2.5
3.0
0
2000
4000
6000
8000
10000
Time

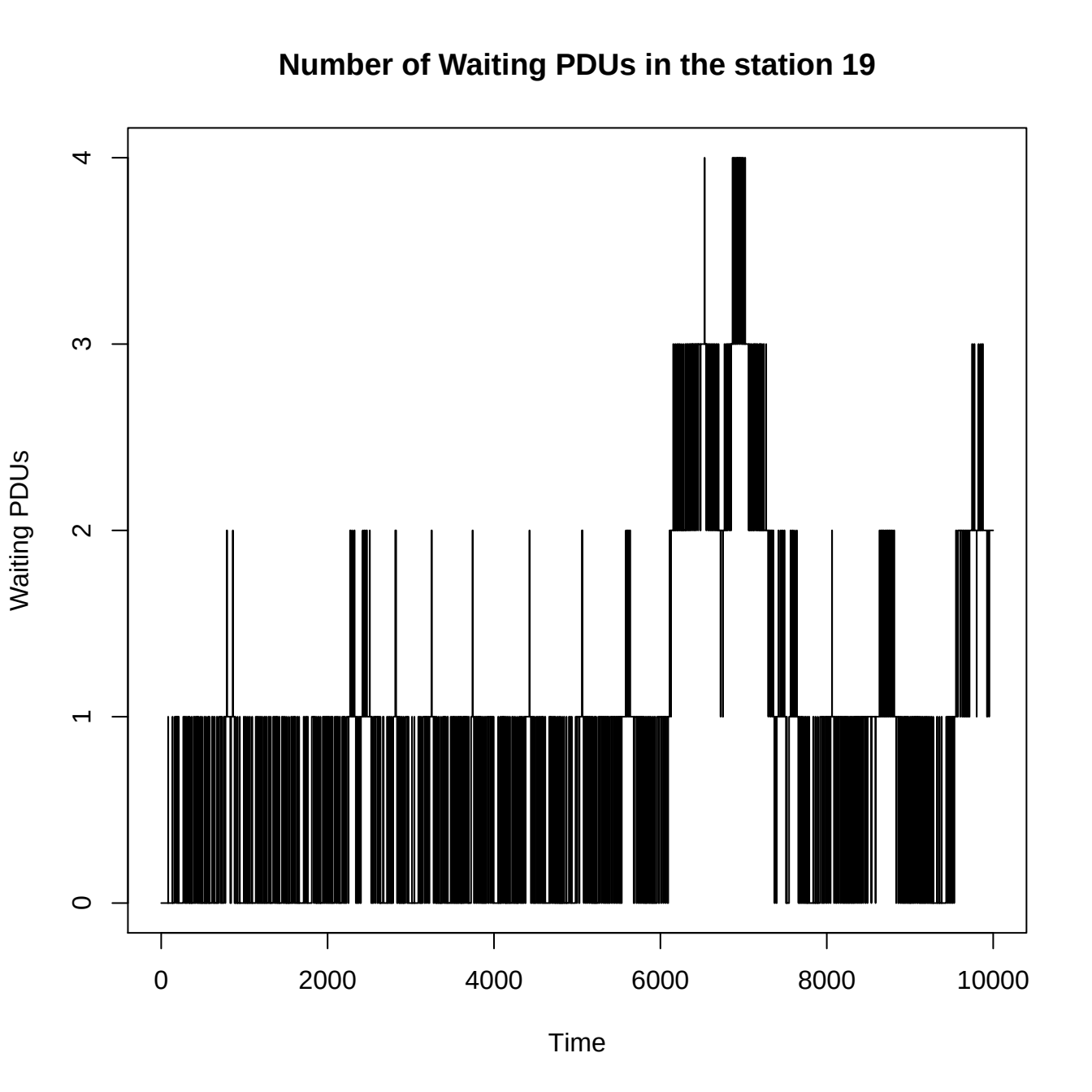

Occurency of the number of waiting PDUs, station 17
Occurency
0
1000
2000
3000
4000
0
1
2
3
Waiting PDUs

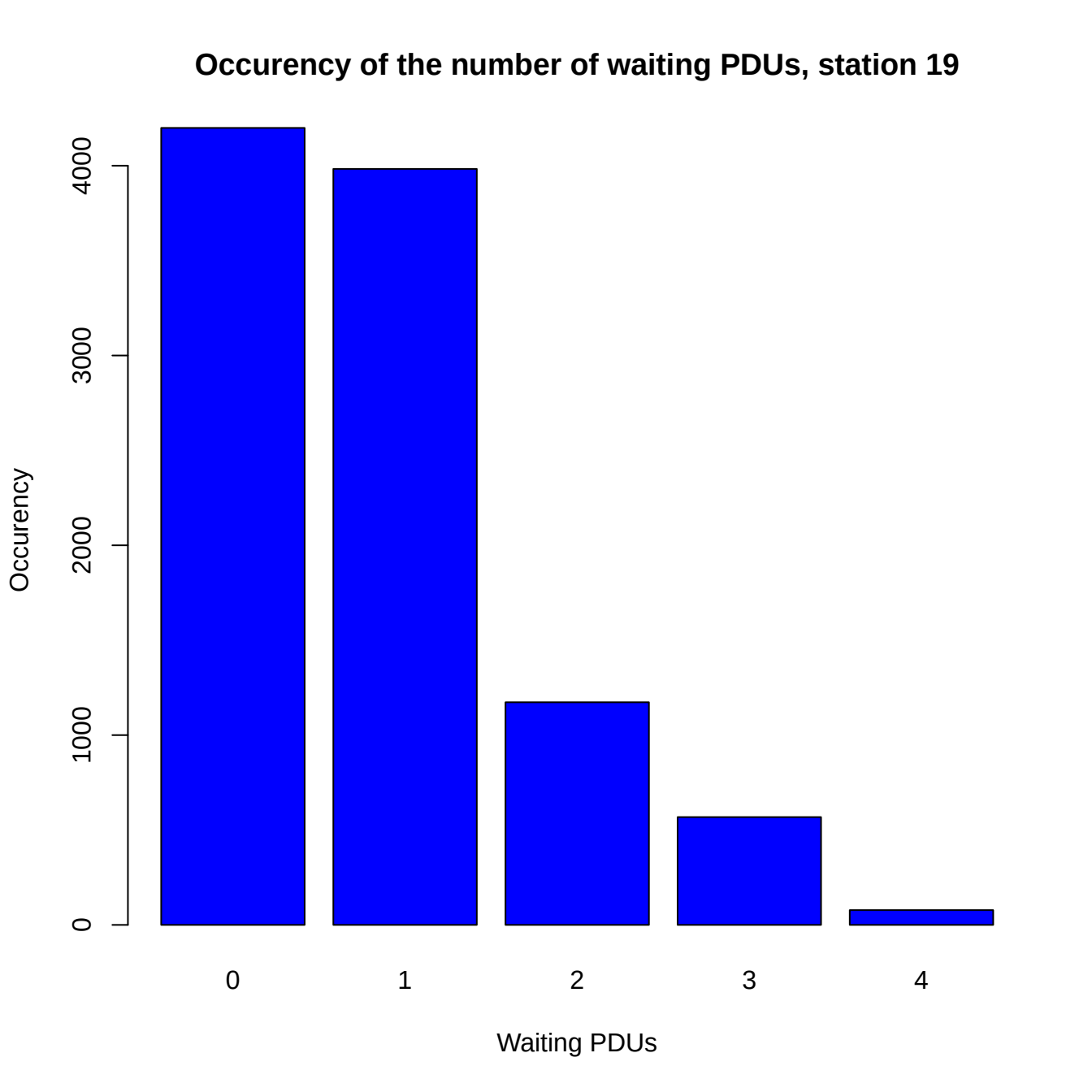
Frequency of the number of waiting PDUs, station 17



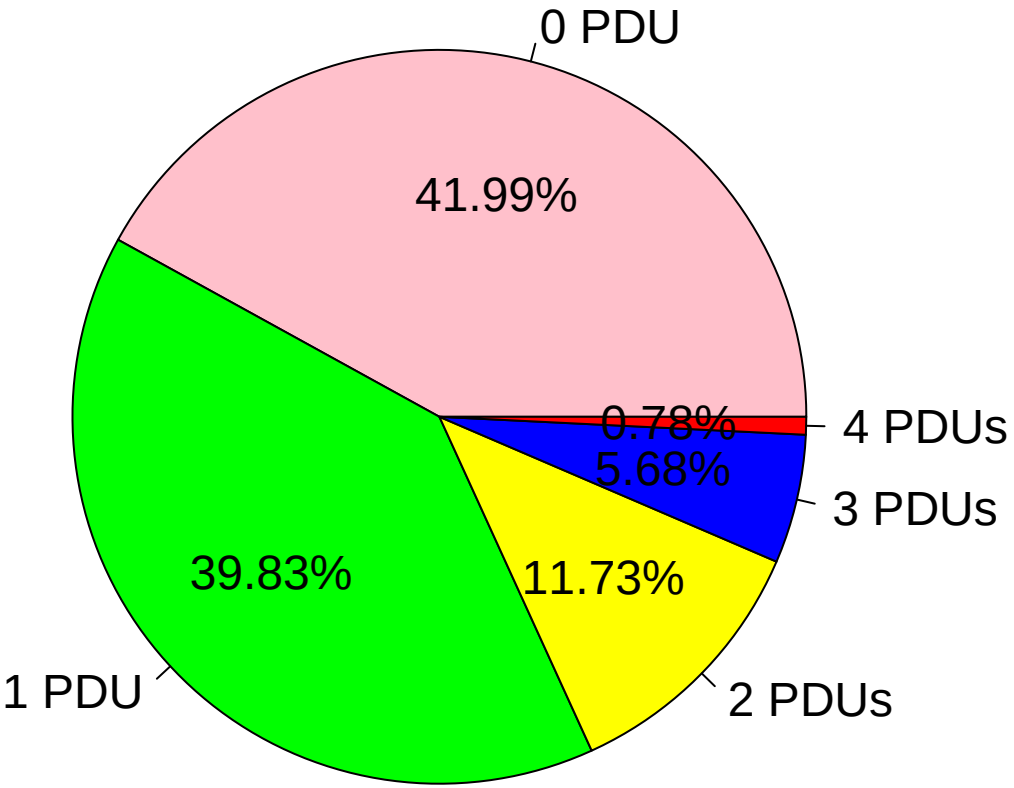

Number of Waiting PDUs in the station 18
Waiting PDUs
0
5
10
15
20
25
0
2000
4000
6000
8000
10000
Time

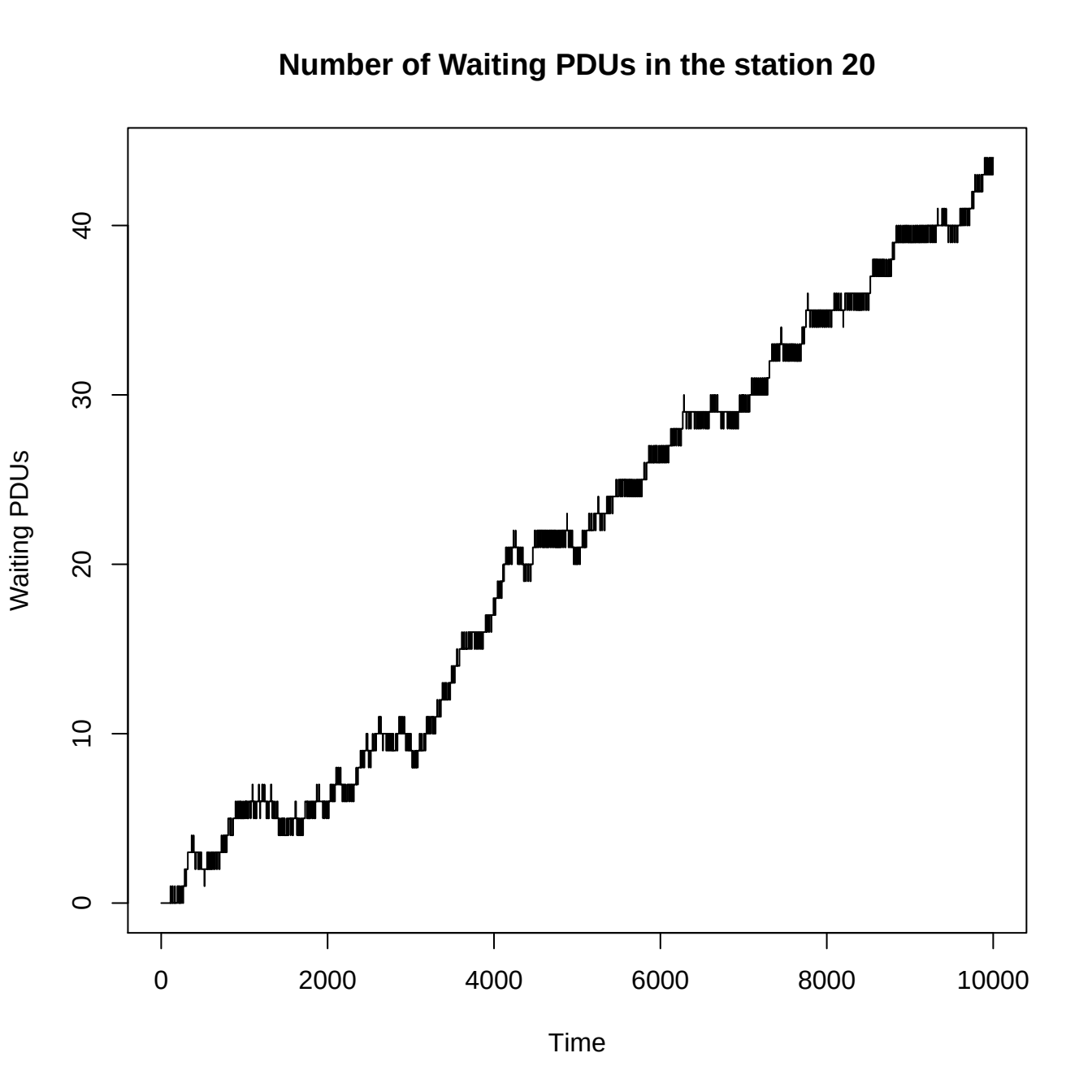

Occurency of the number of waiting PDUs, station 18
Occurency
0
200
400
600
800
0
2
4
6
8
10
12
14
16
18
20
22
24
26
28
Waiting PDUs

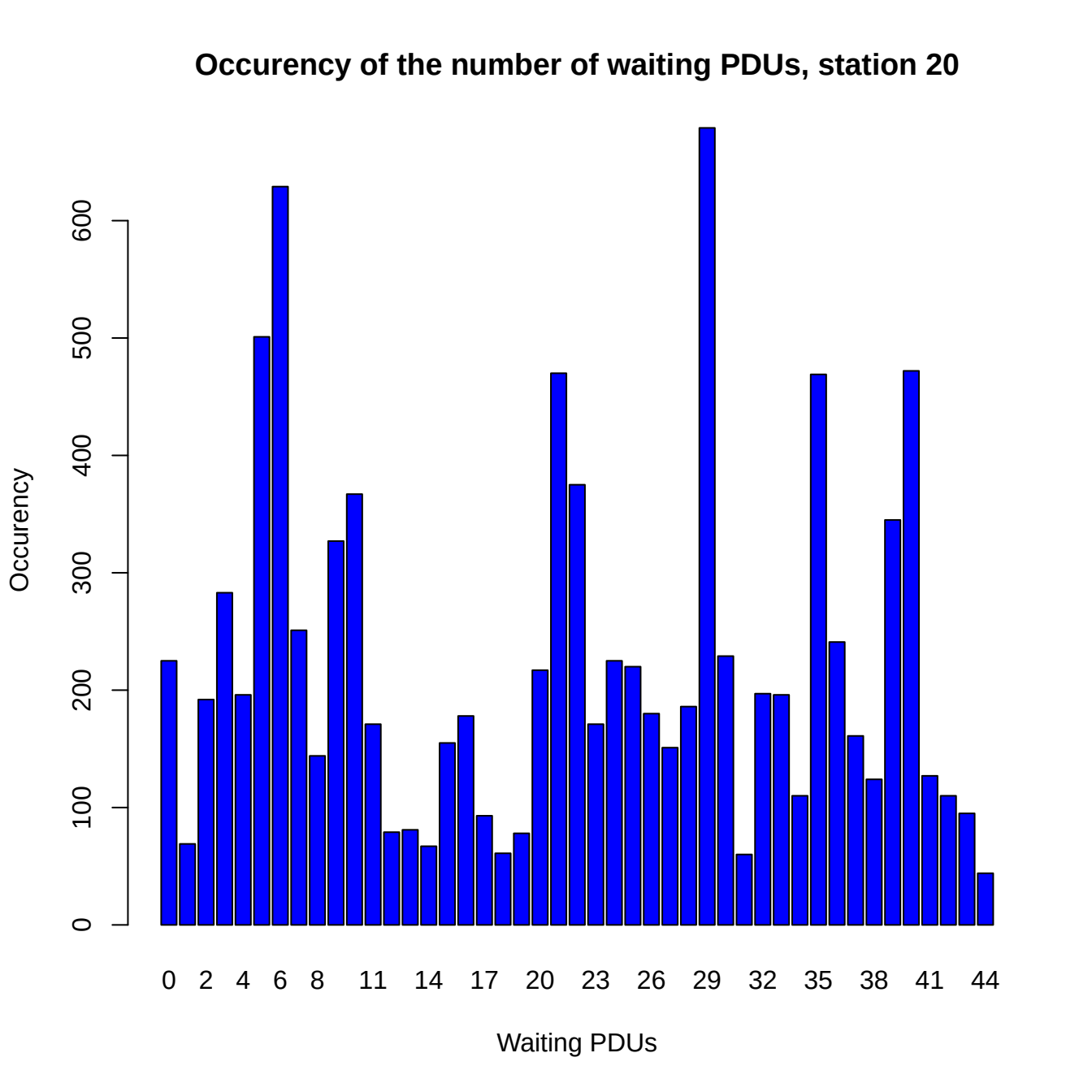

Number of Waiting PDUs in the station 19
Waiting PDUs
0
1
2
3
4
0
2000
4000
6000
8000
10000
Time

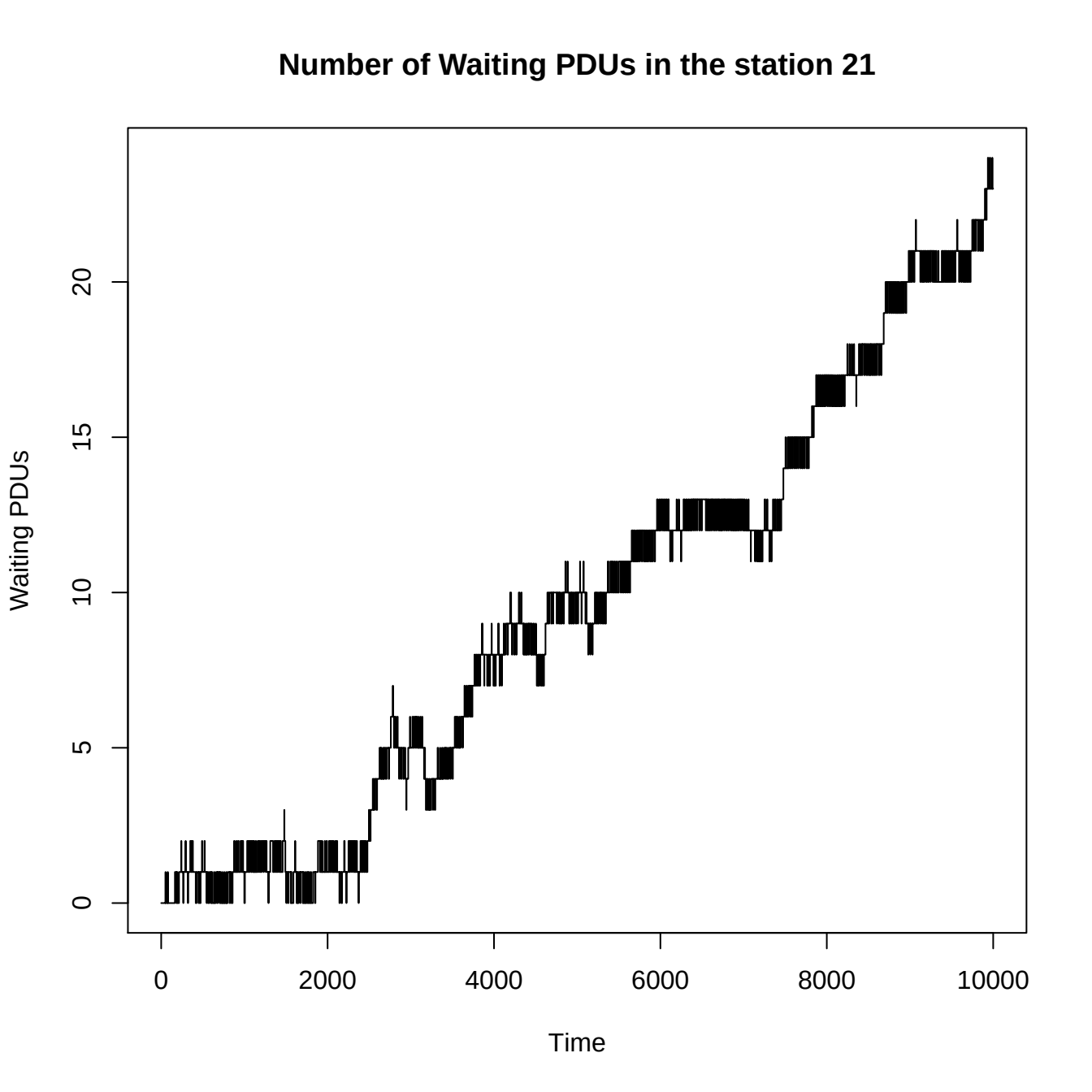

Occurency of the number of waiting PDUs, station 19
Occurency
0
1000
2000
3000
4000
0
1
2
3
4
Waiting PDUs

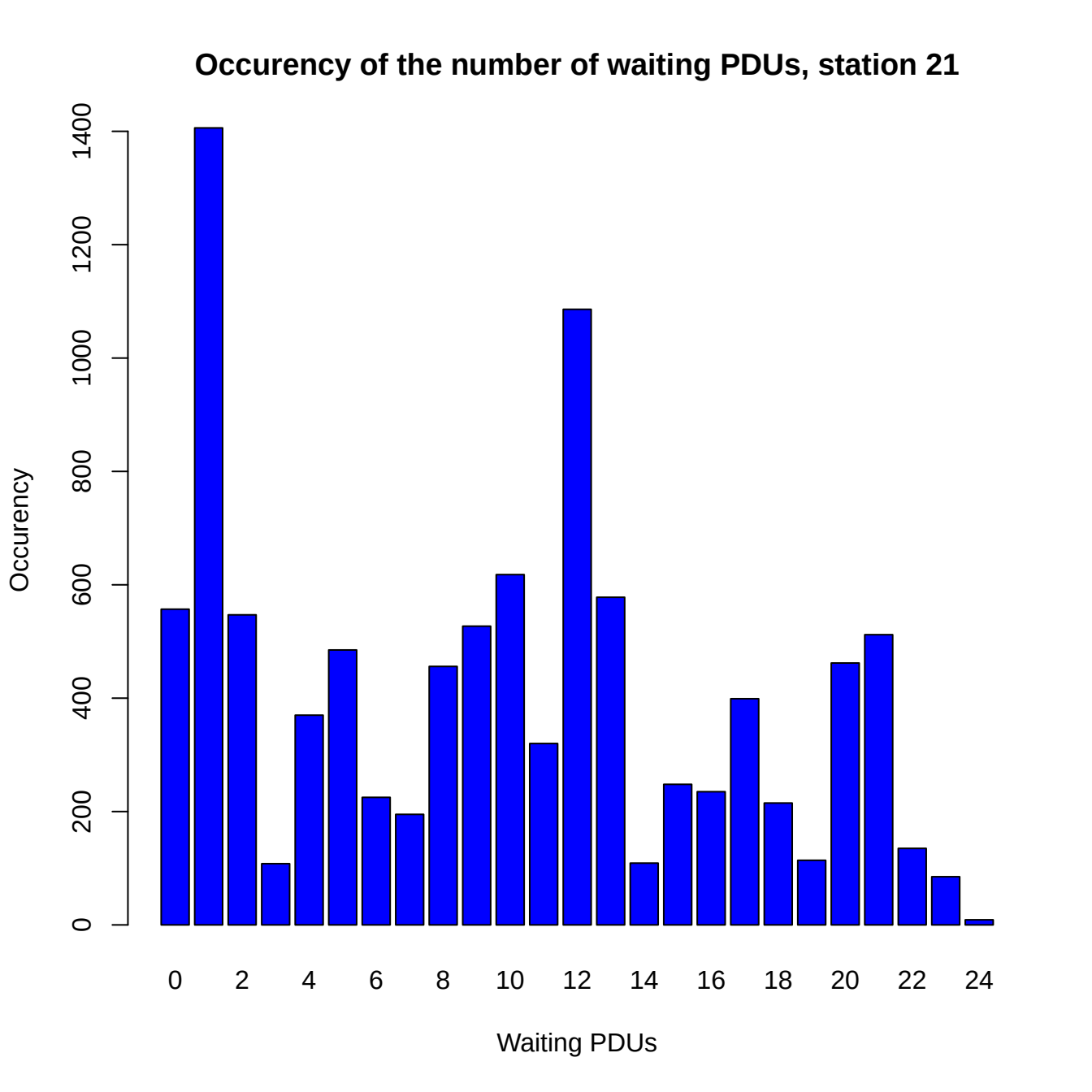
Frequency of the number of waiting PDUs, station 19

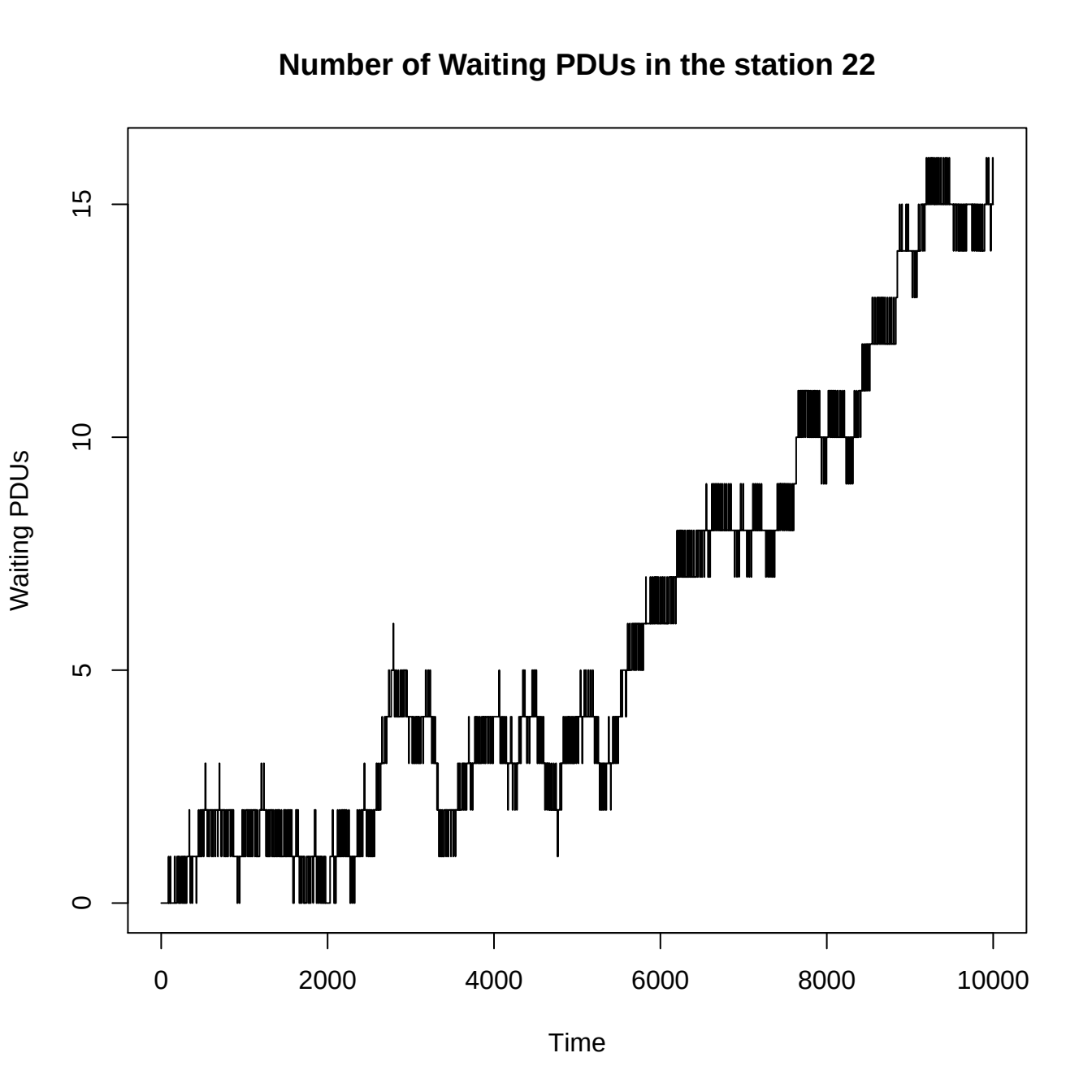


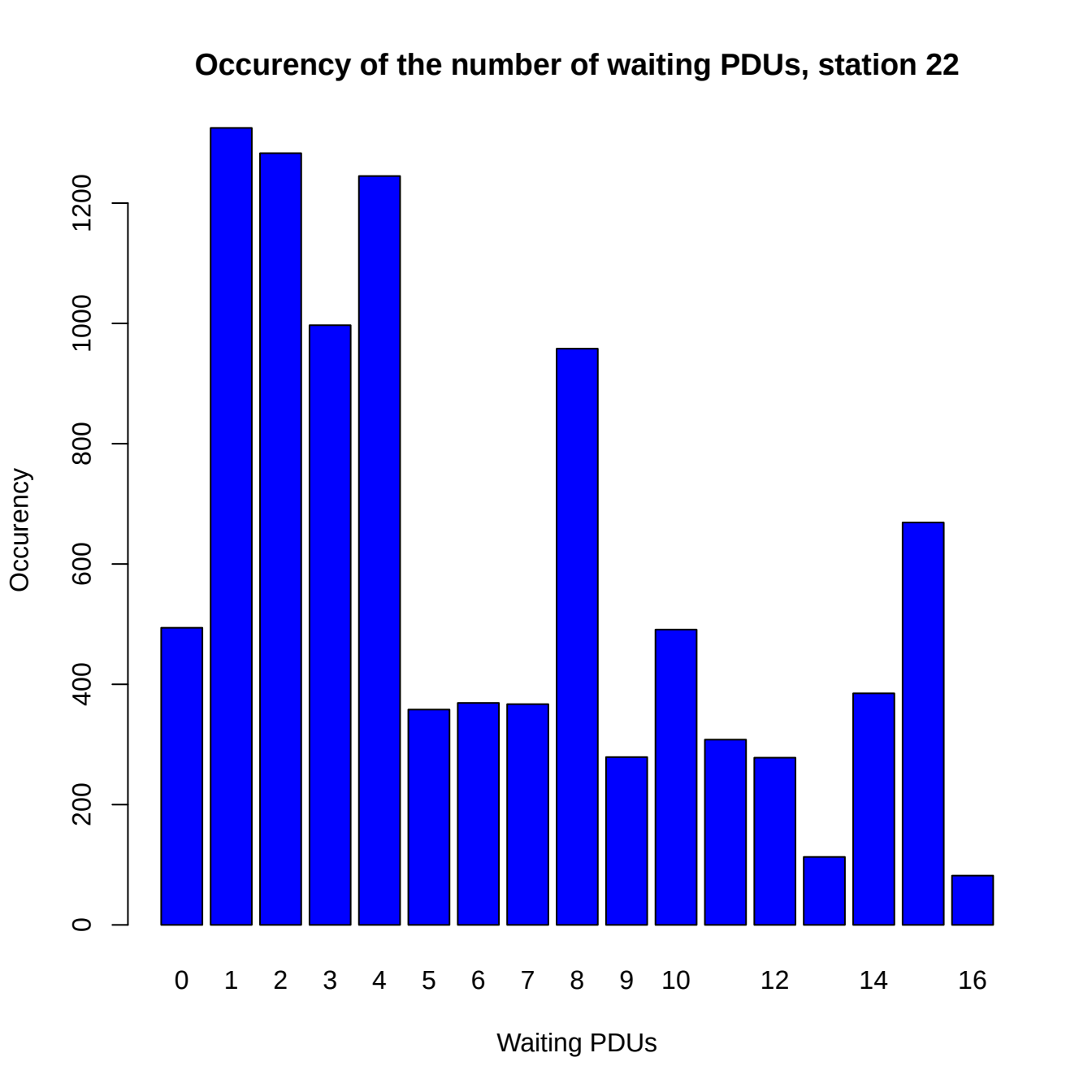

Number of Waiting PDUs in the station 20
Waiting PDUs
0
10
20
30
40
0
2000
4000
6000
8000
10000
Time

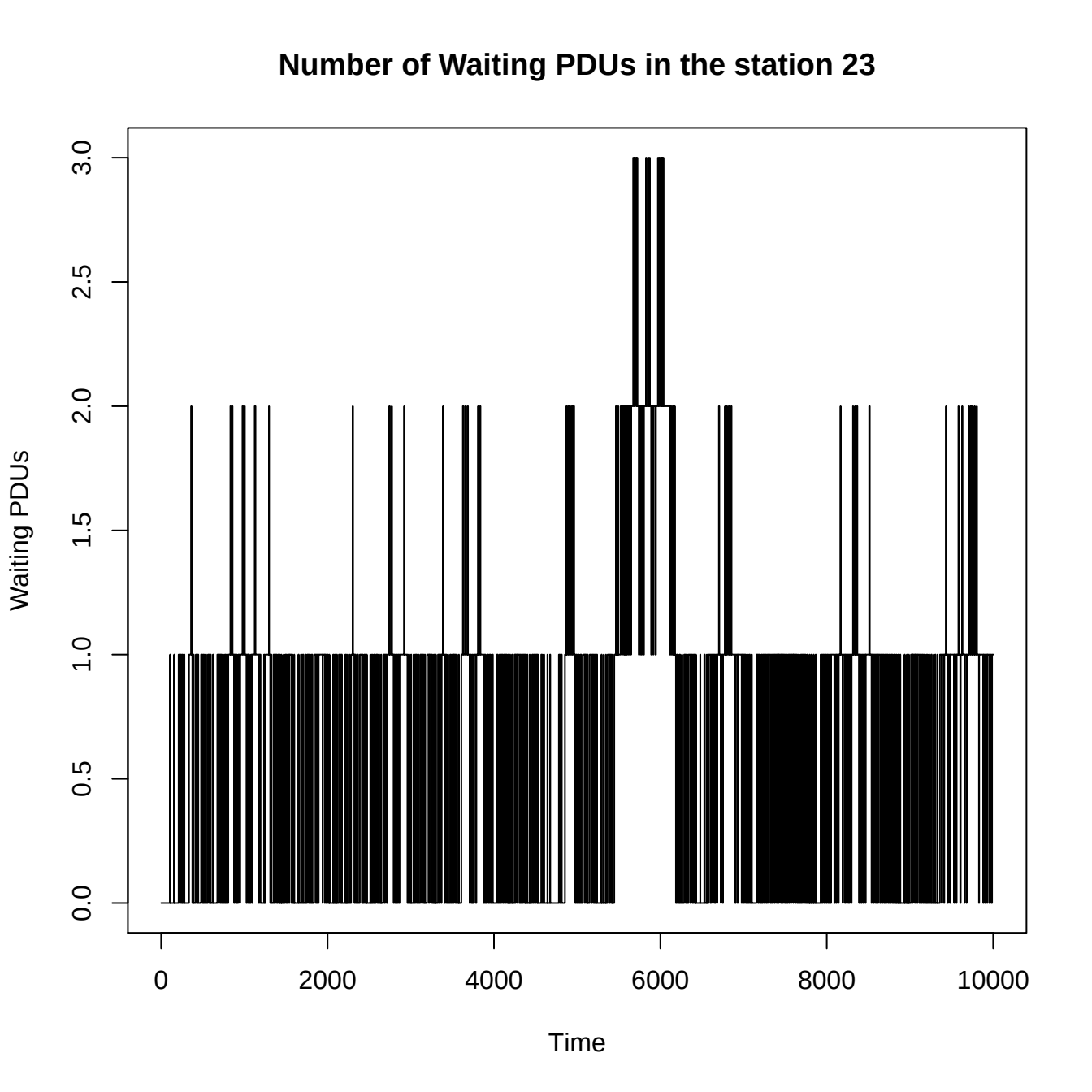

Occurency of the number of waiting PDUs, station 20
Occurency
0
100
200
300
400
500
600
0 2 4 6 8 11 14 17 20 23 26 29 32 35 38 41 44
Waiting PDUs

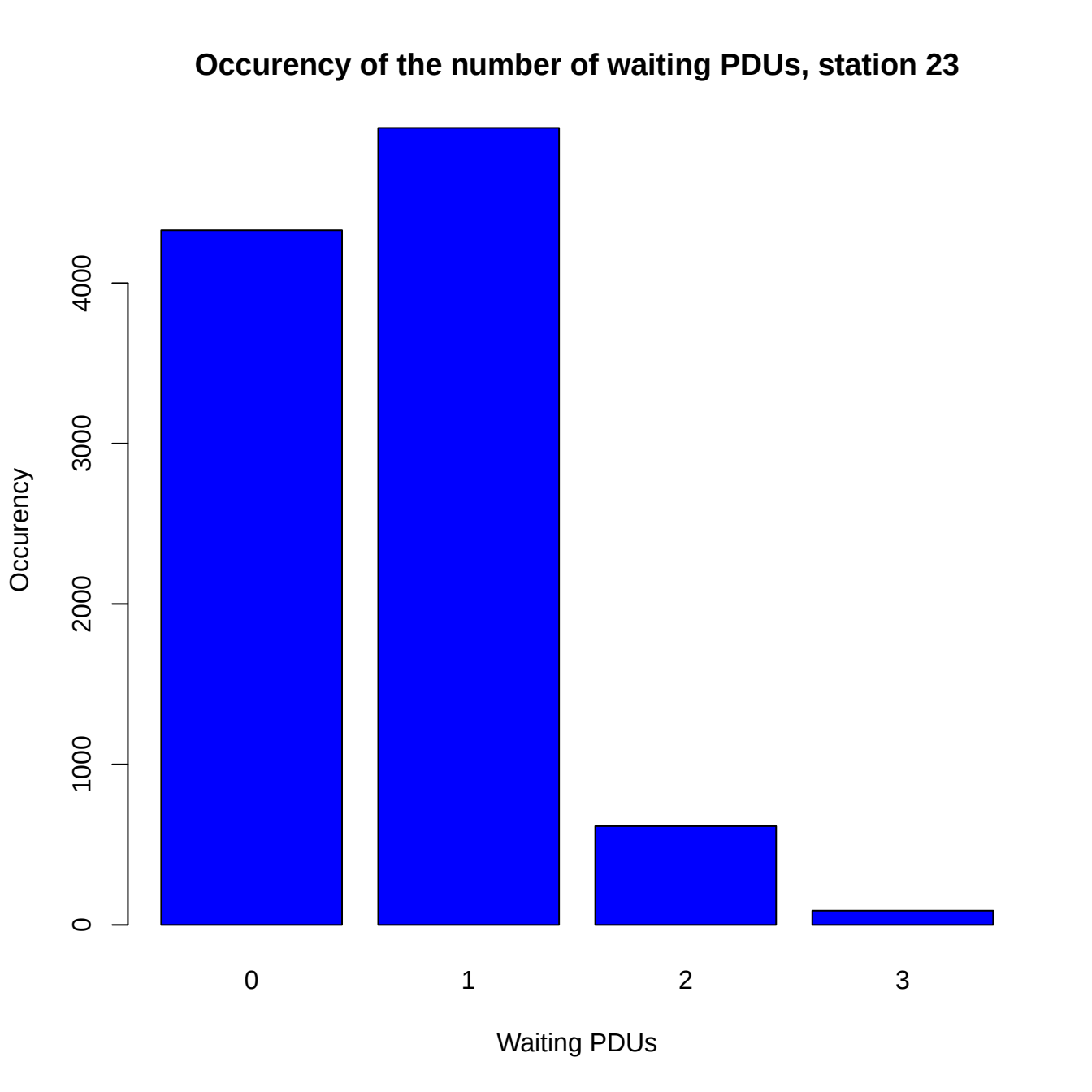

Number of Waiting PDUs in the station 21
Waiting PDUs
0
5
10
15
20
0
2000
4000
6000
8000
10000
Time


Occurency of the number of waiting PDUs, station 21
Occurency
0
200
400
600
800
1000
1200
1400
0
2
4
6
8
10
12
14
16
18
20
22
24
Waiting PDUs

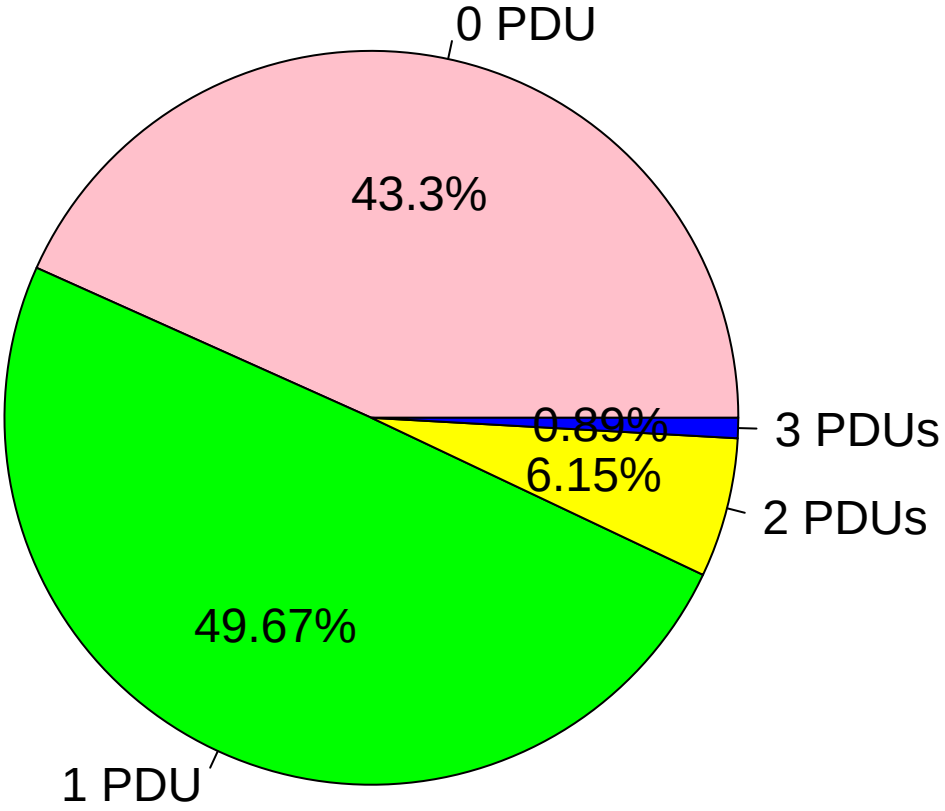

Number of Waiting PDUs in the station 22
Waiting PDUs
0
5
10
15
0
2000
4000
6000
8000
10000
Time

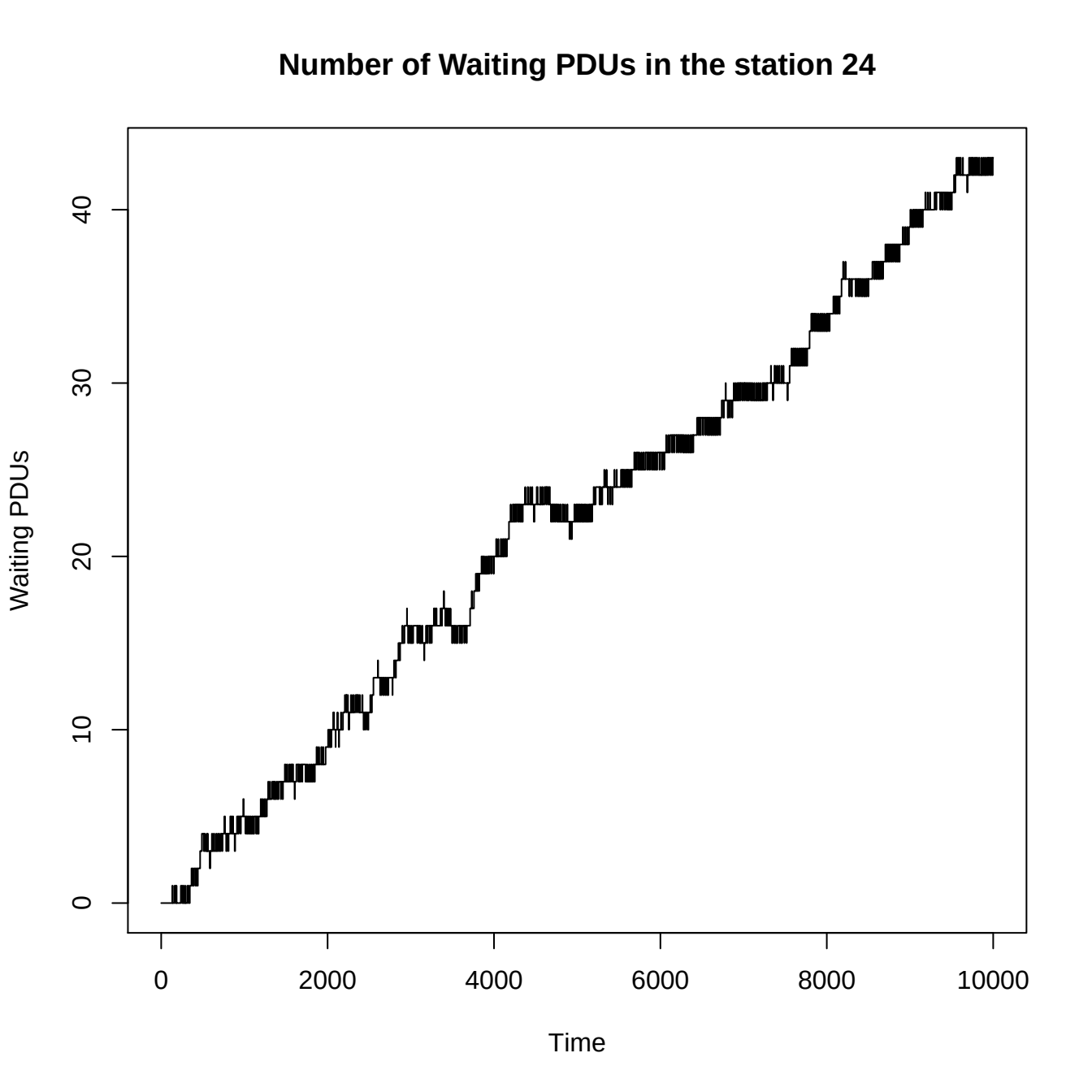

Occurency of the number of waiting PDUs, station 22
Occurency
0
200
400
600
800
1000
1200
0
1
2
3
4
5
6
7
8
9
10
12
14
16
Waiting PDUs

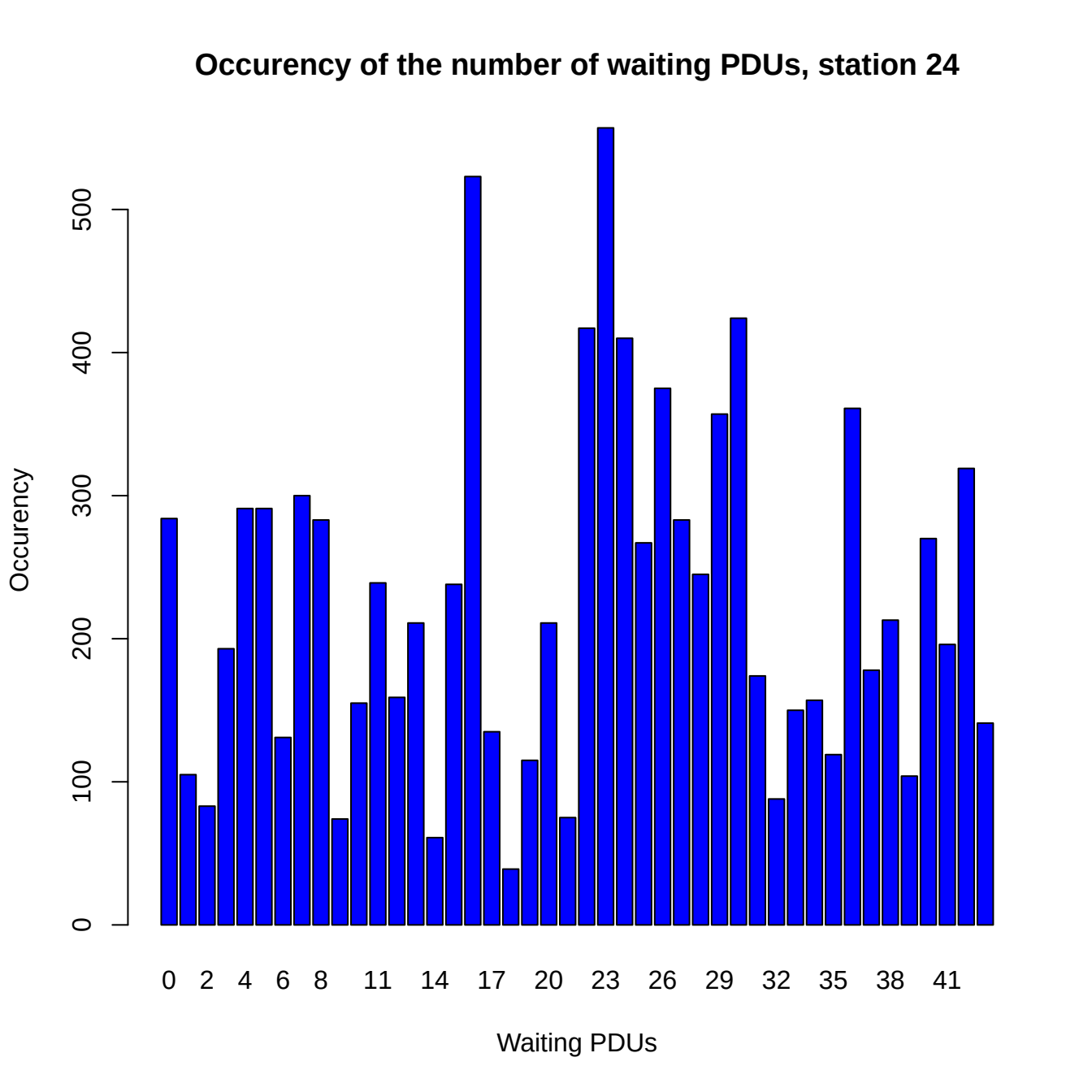

Number of Waiting PDUs in the station 23
Waiting PDUs
0.0
0.5
1.0
1.5
2.0
2.5
3.0
0
2000
4000
6000
8000
10000
Time

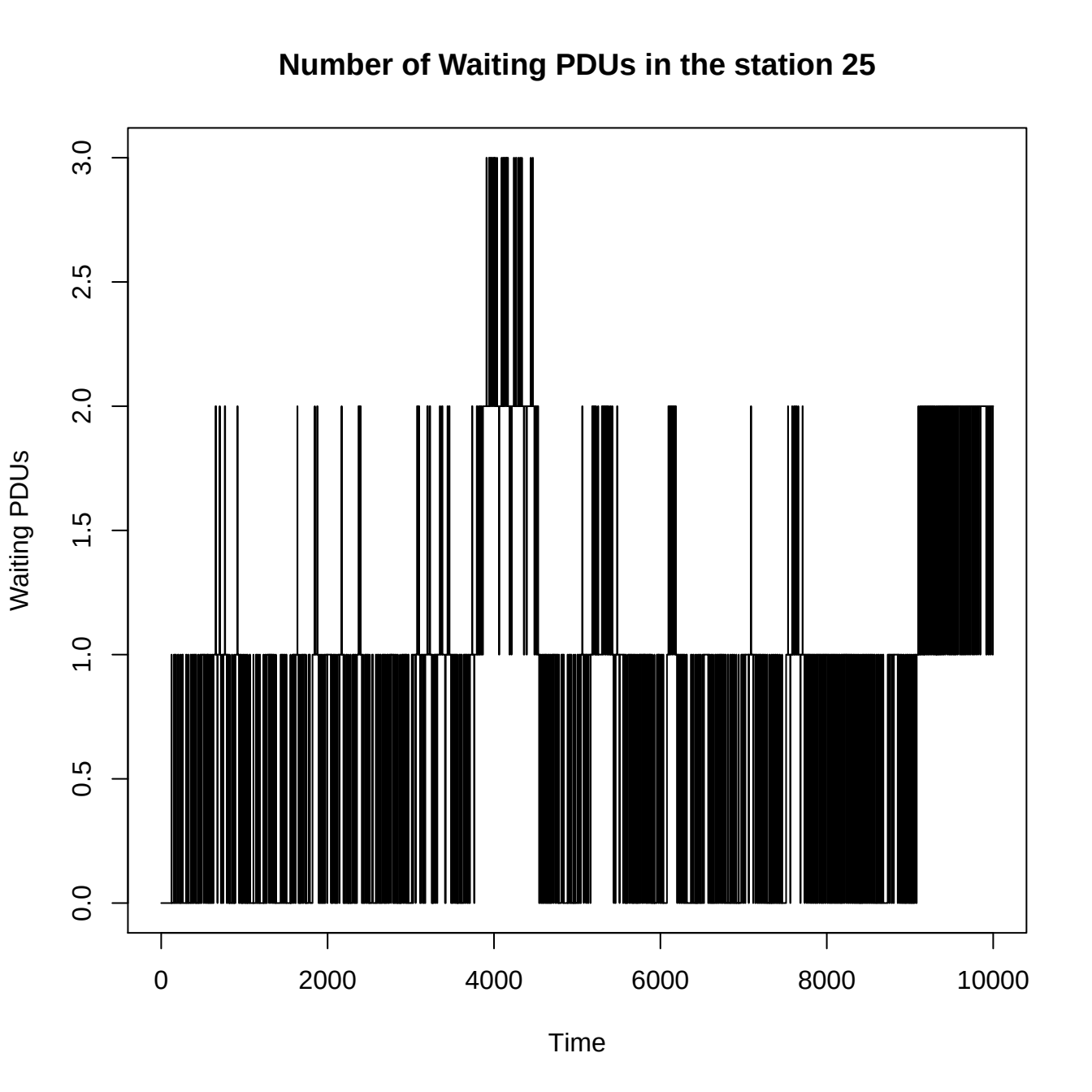

Occurency of the number of waiting PDUs, station 23
Occurency
0
1000
2000
3000
4000
0
1
2
3
Waiting PDUs

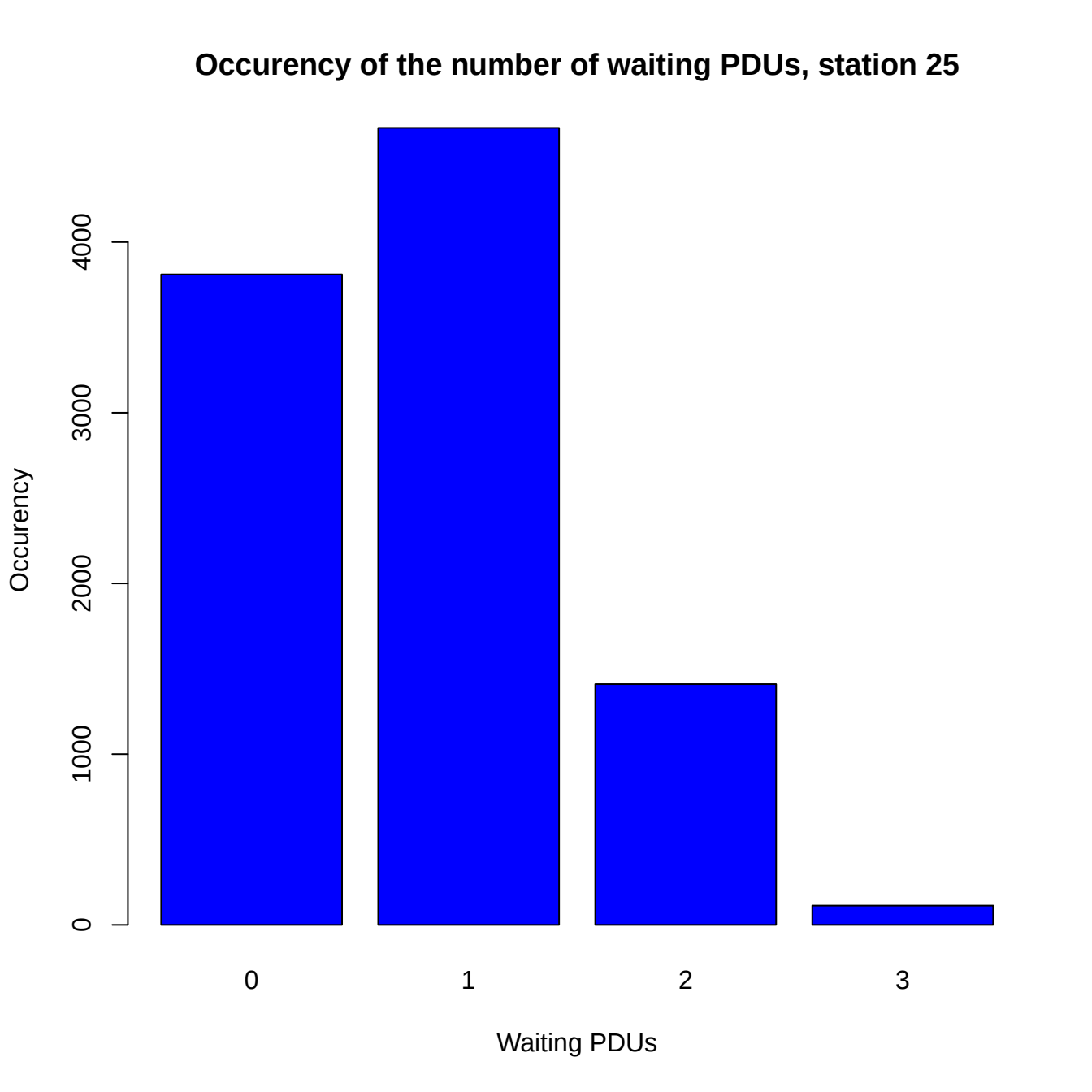
Frequency of the number of waiting PDUs, station 23



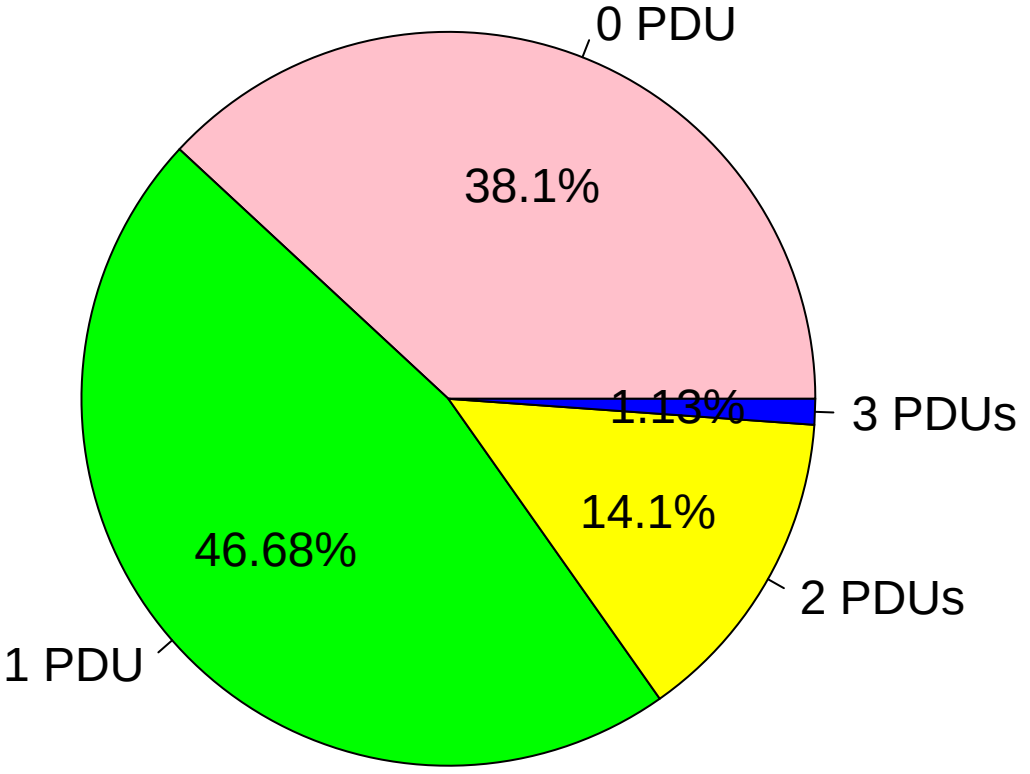

Number of Waiting PDUs in the station 24
Waiting PDUs
0
10
20
30
40
0
2000
4000
6000
8000
10000
Time

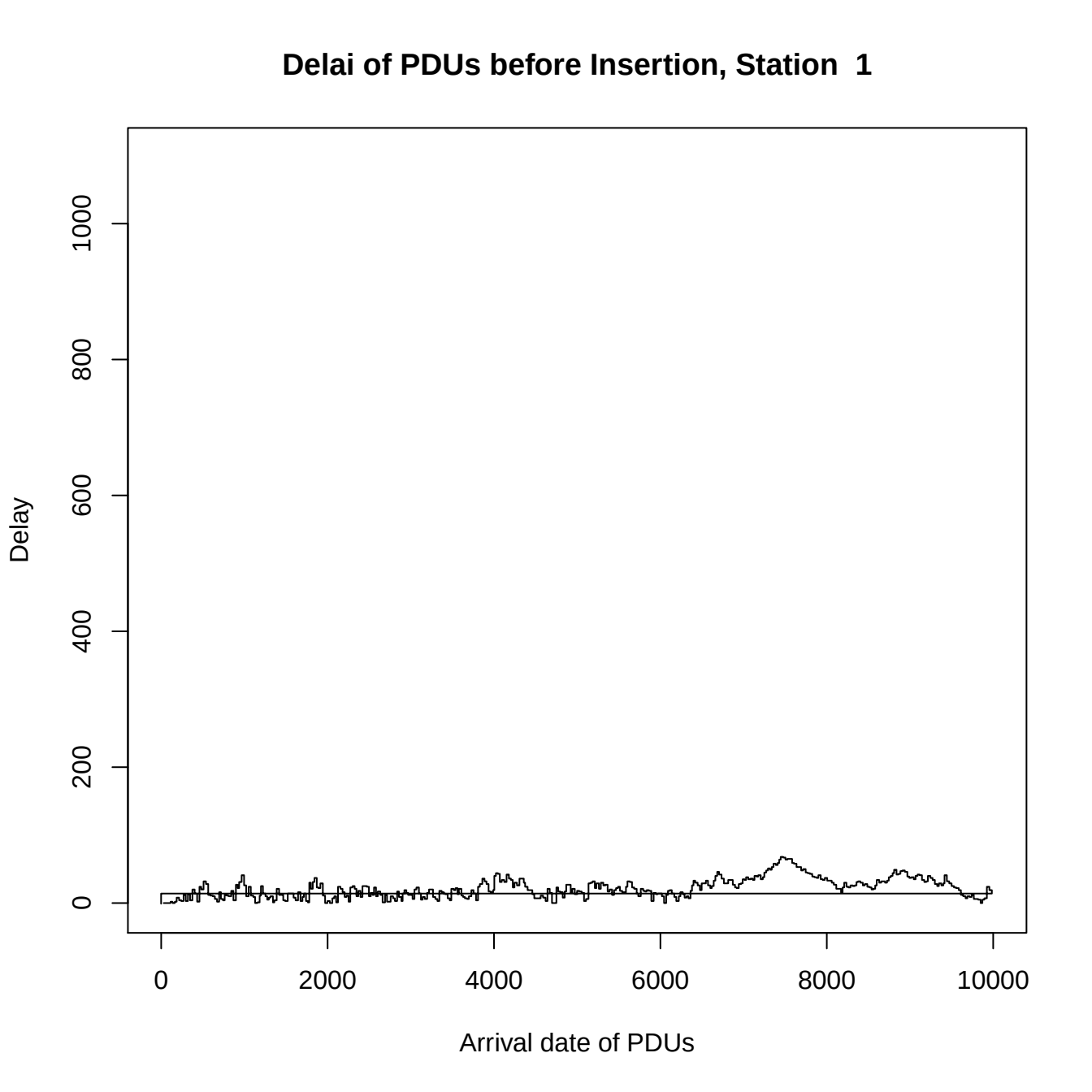

Occurency of the number of waiting PDUs, station 24
Occurency
0
100
200
300
400
500
0
2
4
6
8
11
14
17
20
23
26
29
32
35
38
41
Waiting PDUs

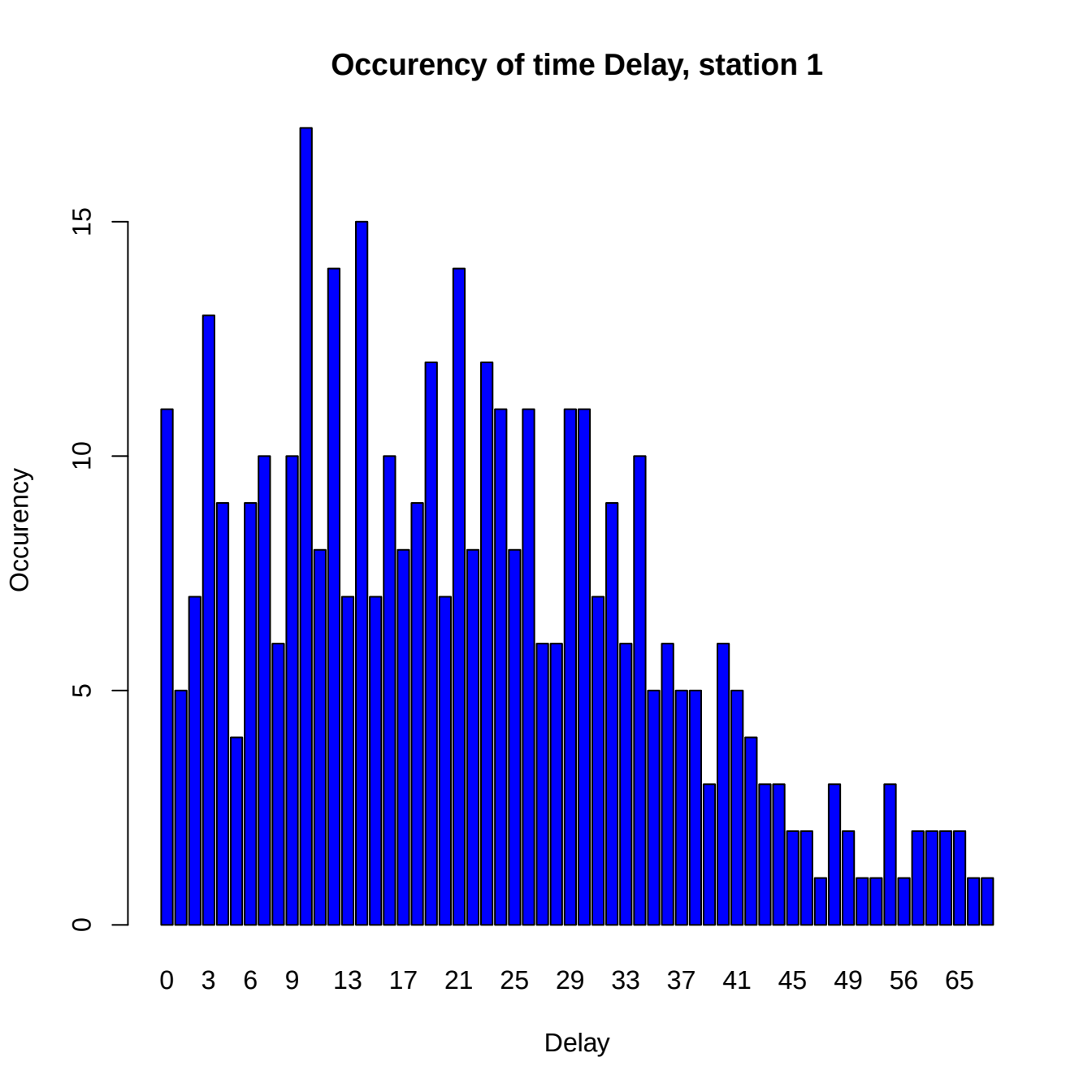

Number of Waiting PDUs in the station 25
Waiting PDUs
0.0
0.5
1.0
1.5
2.0
2.5
3.0
0
2000
4000
6000
8000
10000
Time

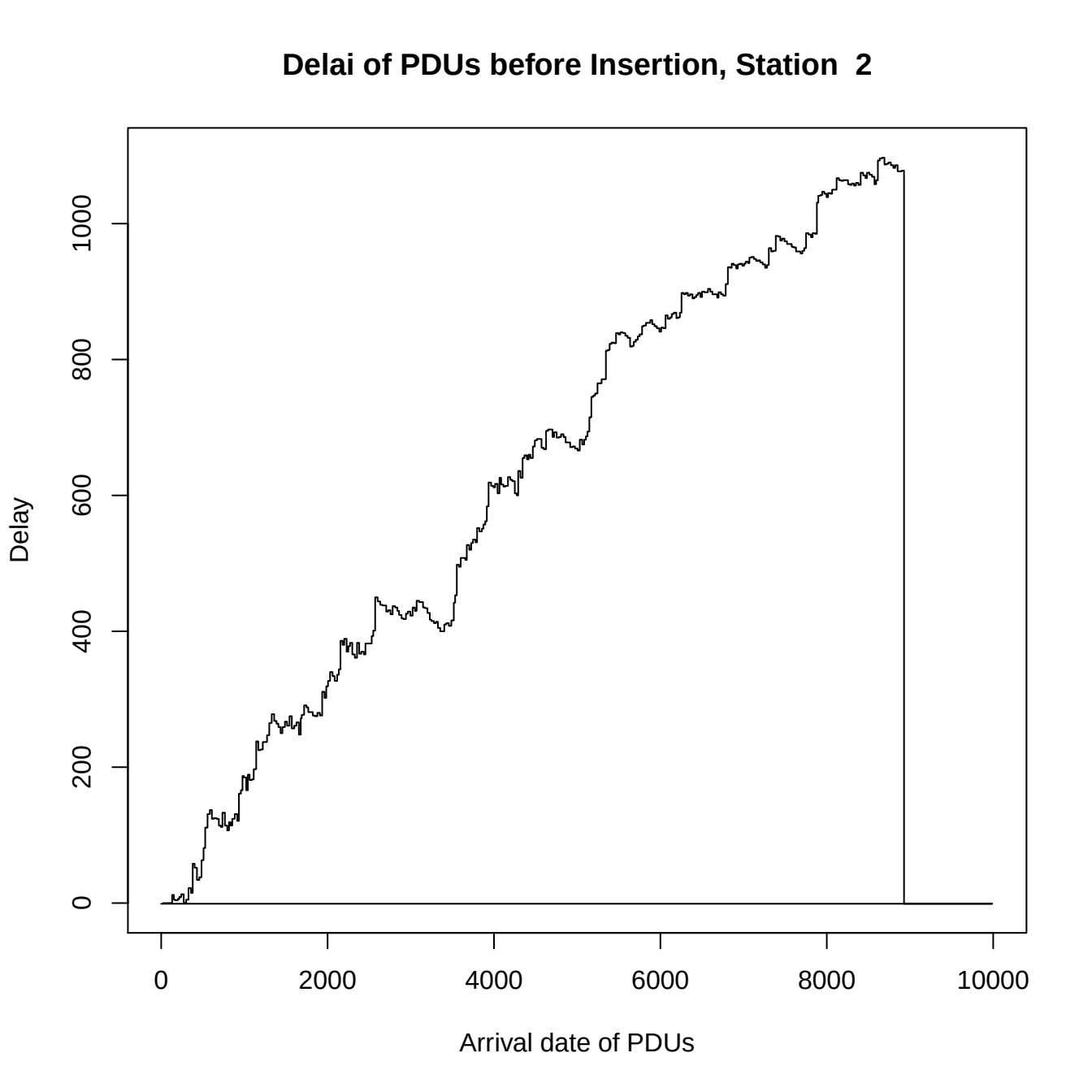

Occurency of the number of waiting PDUs, station 25
Occurency
0
1000
2000
3000
4000
0
1
2
3
Waiting PDUs

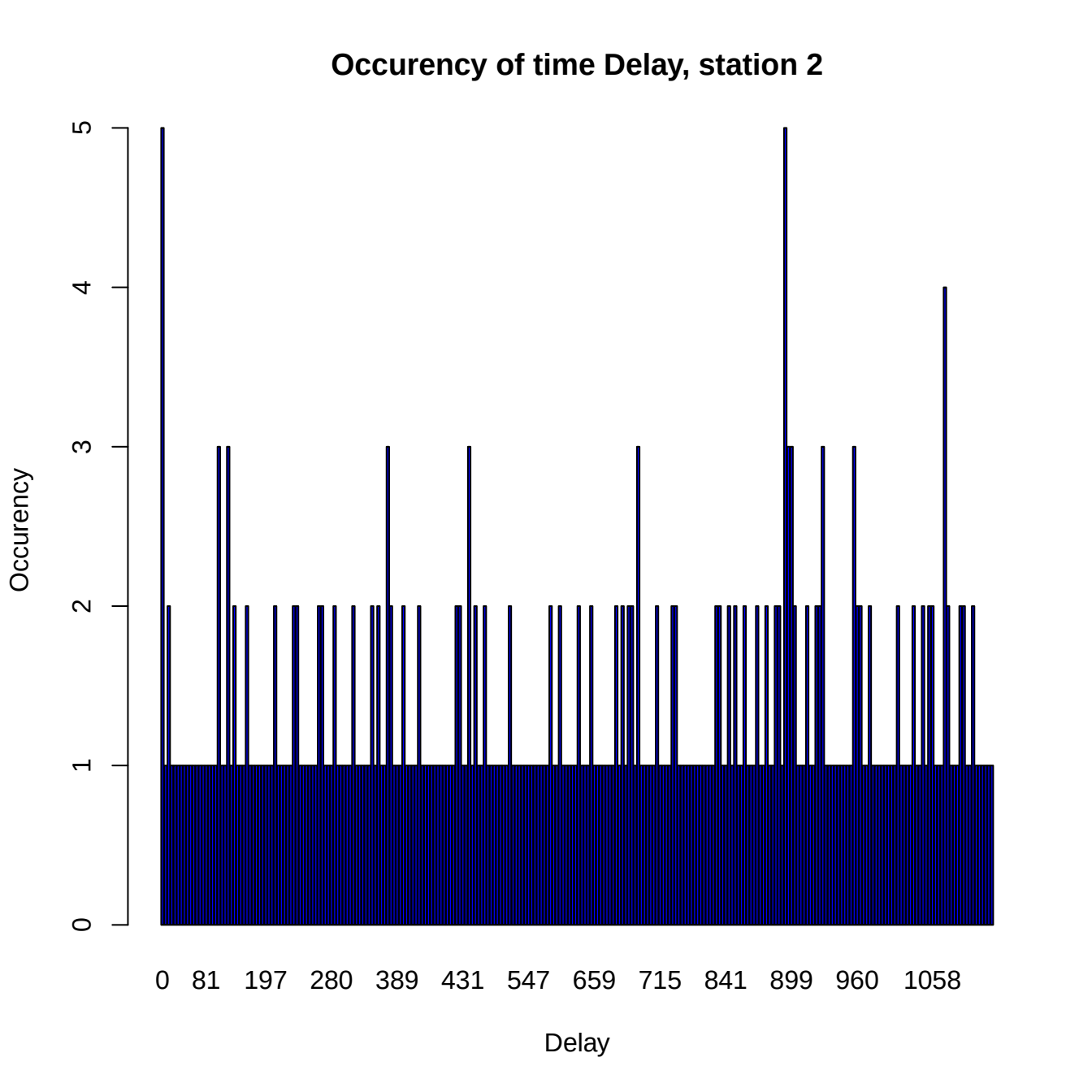
Frequency of the number of waiting PDUs, station 25

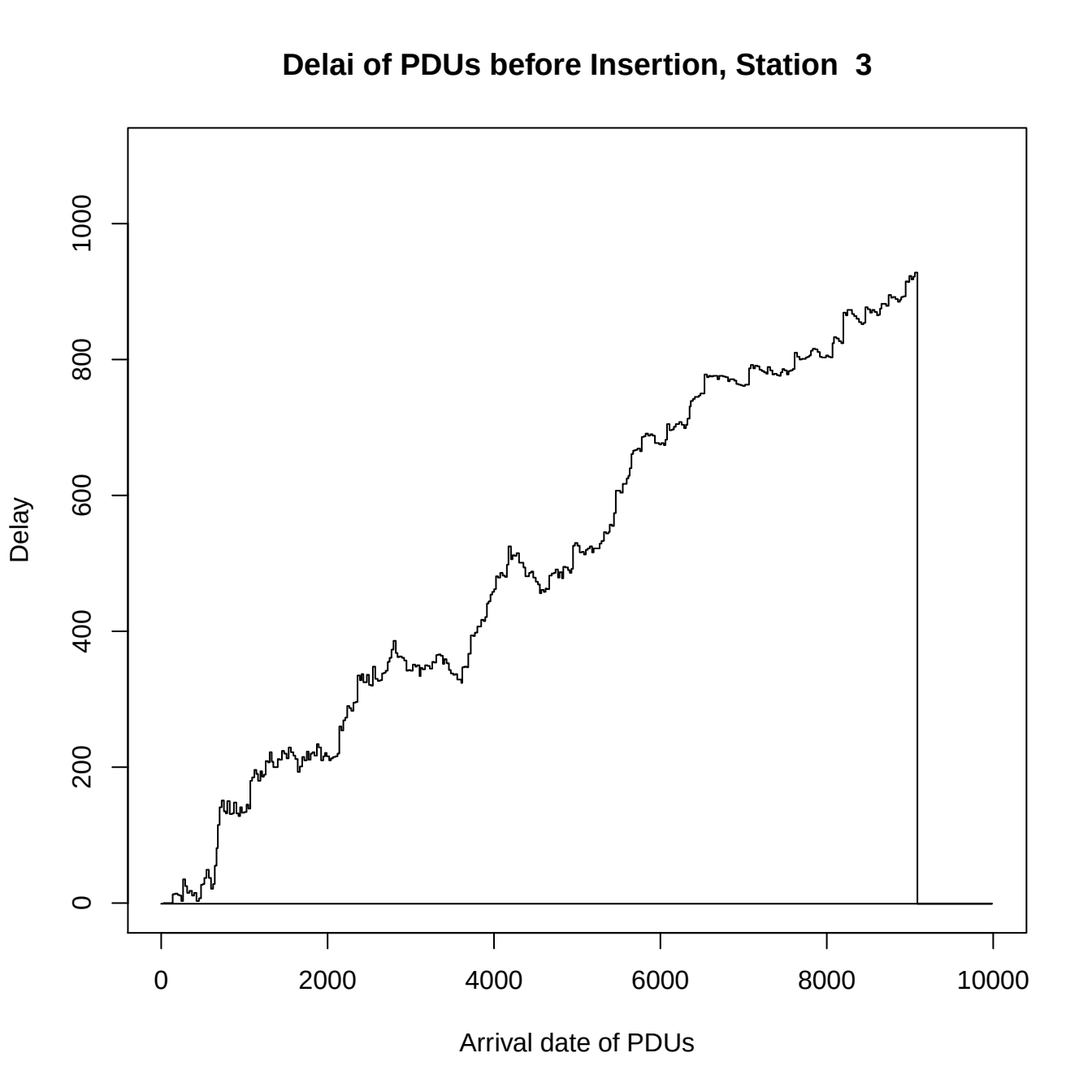


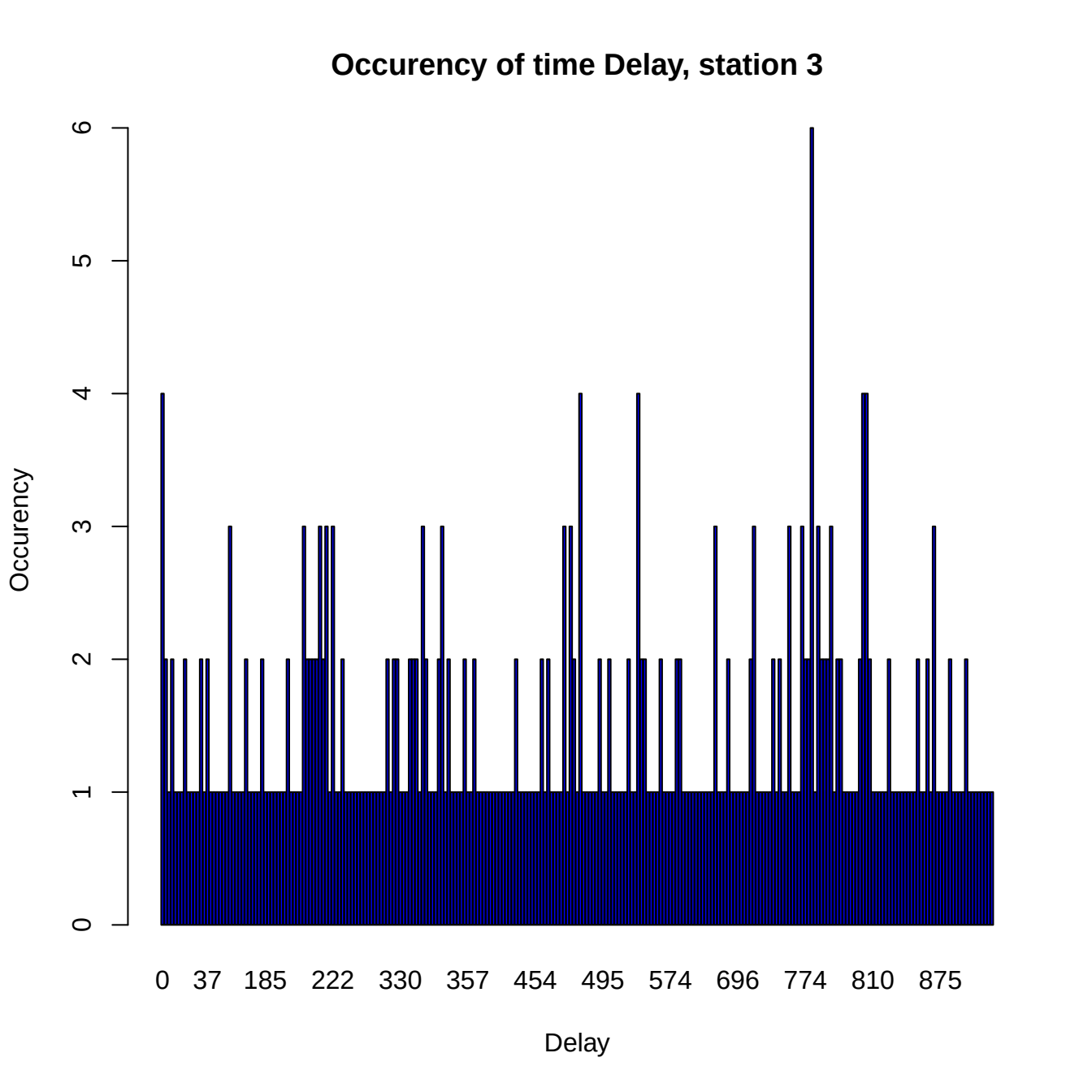

Delai of PDUs before Insertion, Station 1
Delay
0
200
400
600
800
1000
0
2000
4000
6000
8000
10000
Arrival date of PDUs

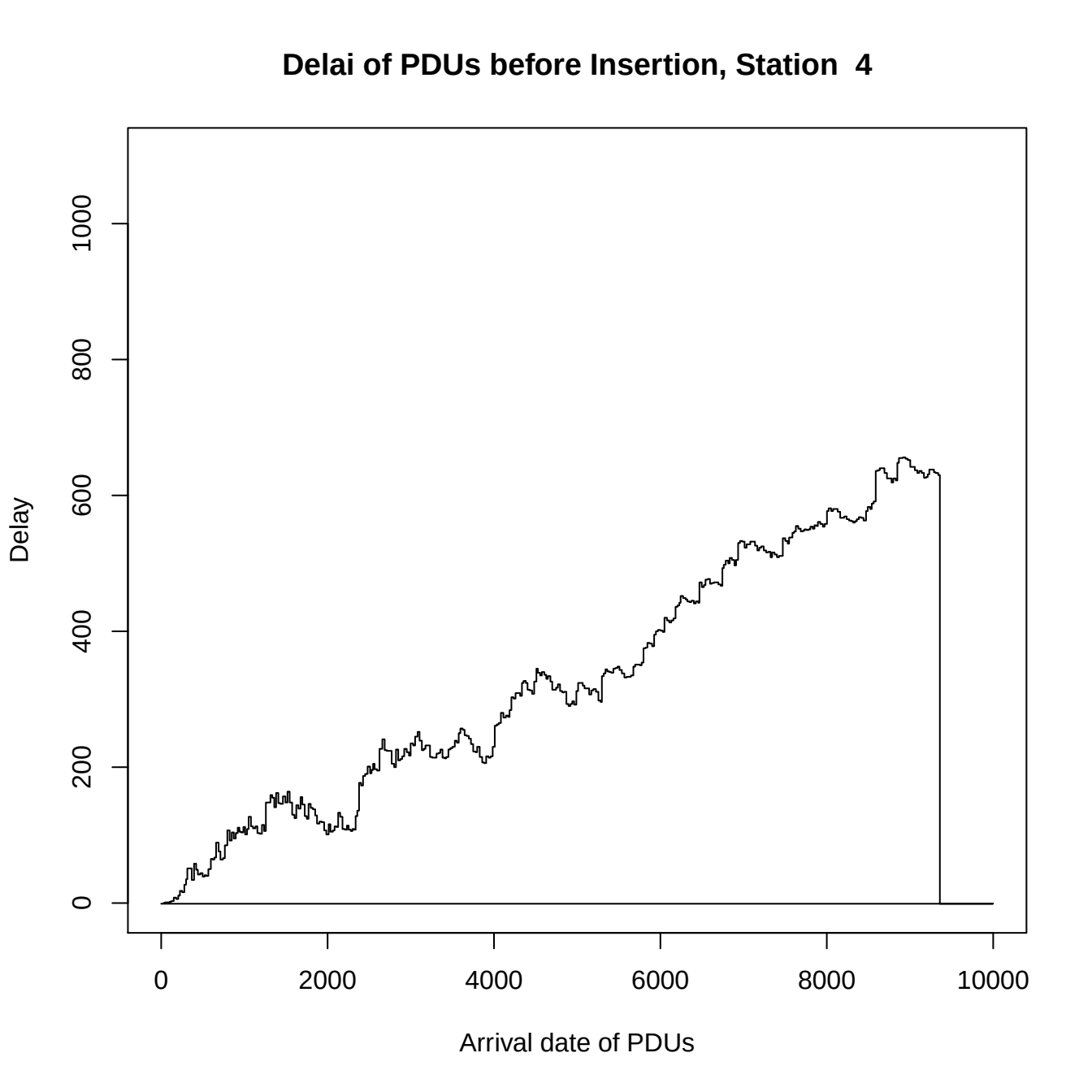

Occurency of time Delay, station 1
Occurency
0
5
10
15
0
3
6
9
13
17
21
25
29
33
37
41
45
49
56
65
Delay

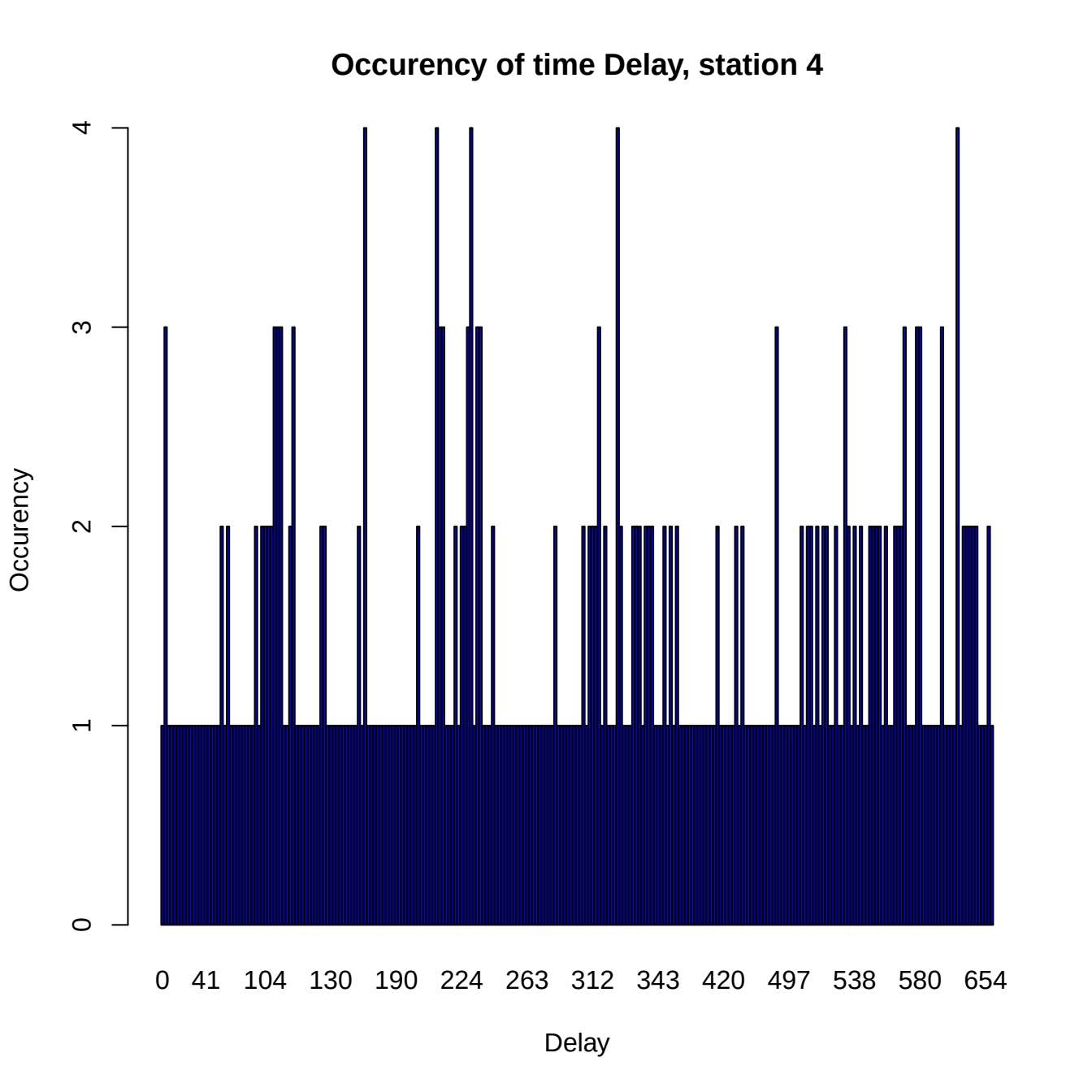

Delai of PDUs before Insertion, Station 2
Delay
0
200
400
600
800
1000
0
2000
4000
6000
8000
10000
Arrival date of PDUs

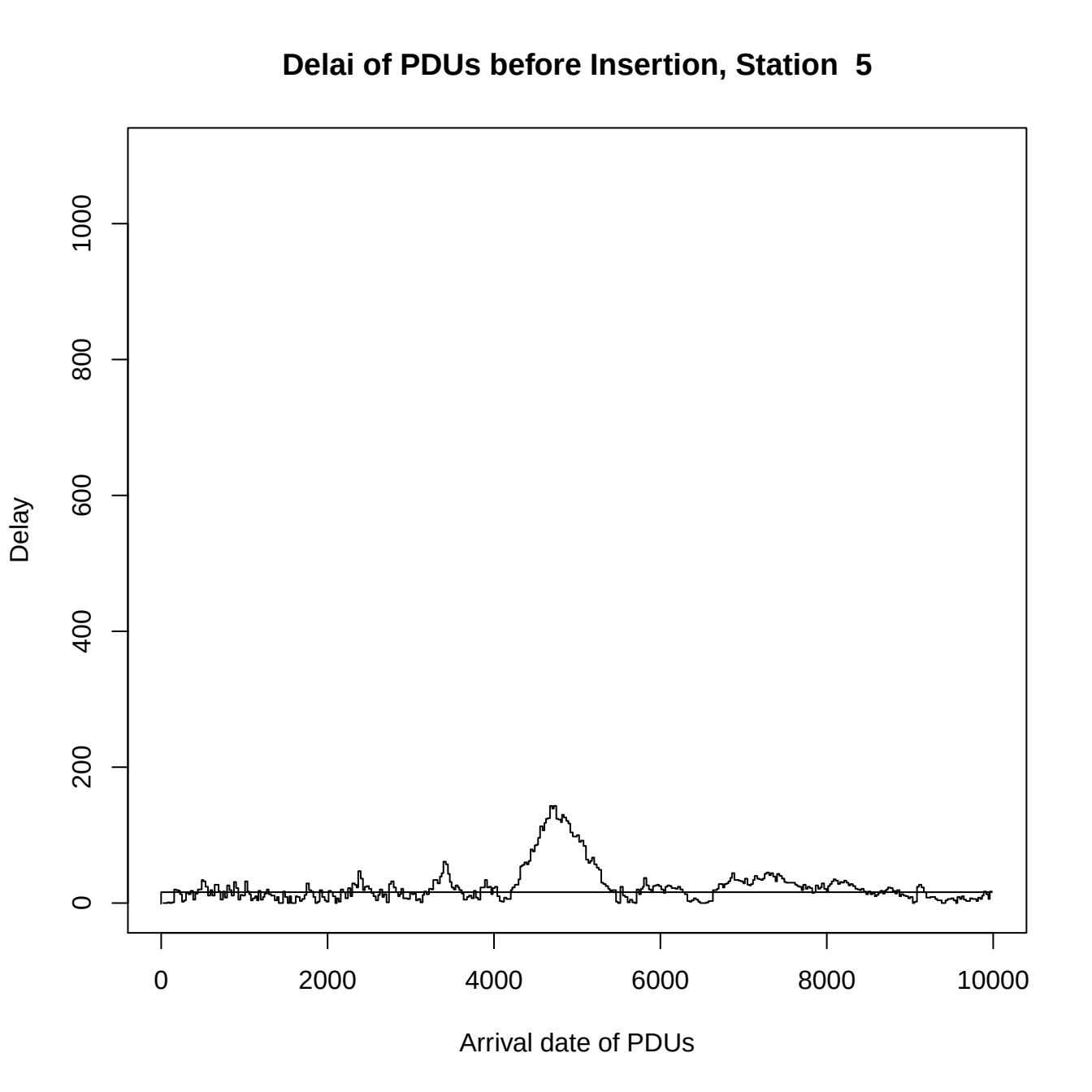

Occurency of time Delay, station 2
Occurency
0
1
2
3
4
5
0
81
197
280
389
431
547
659
715
841
899
960
1058
Delay

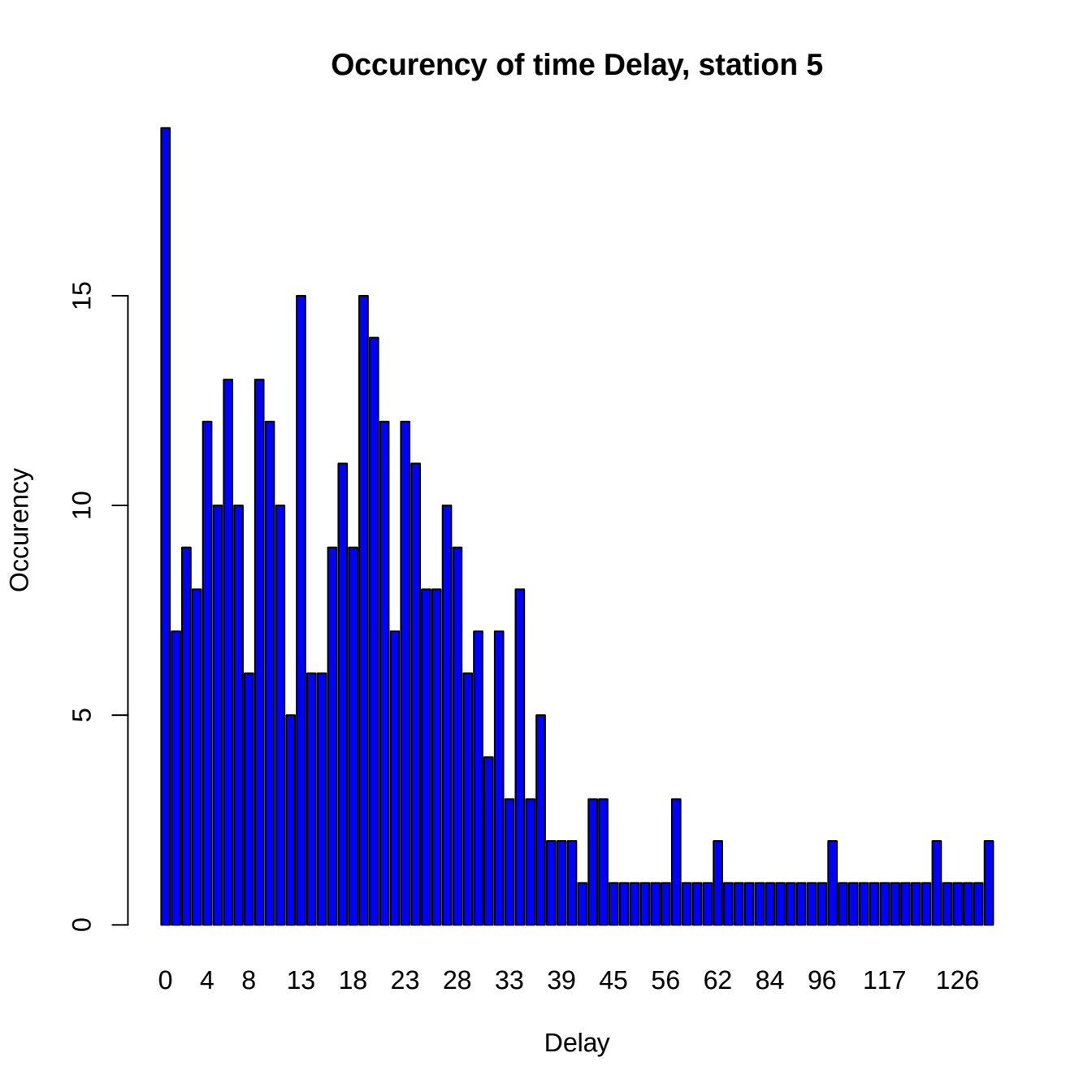

Delai of PDUs before Insertion, Station 3
Delay
0
200
400
600
800
1000
0
2000
4000
6000
8000
10000
Arrival date of PDUs

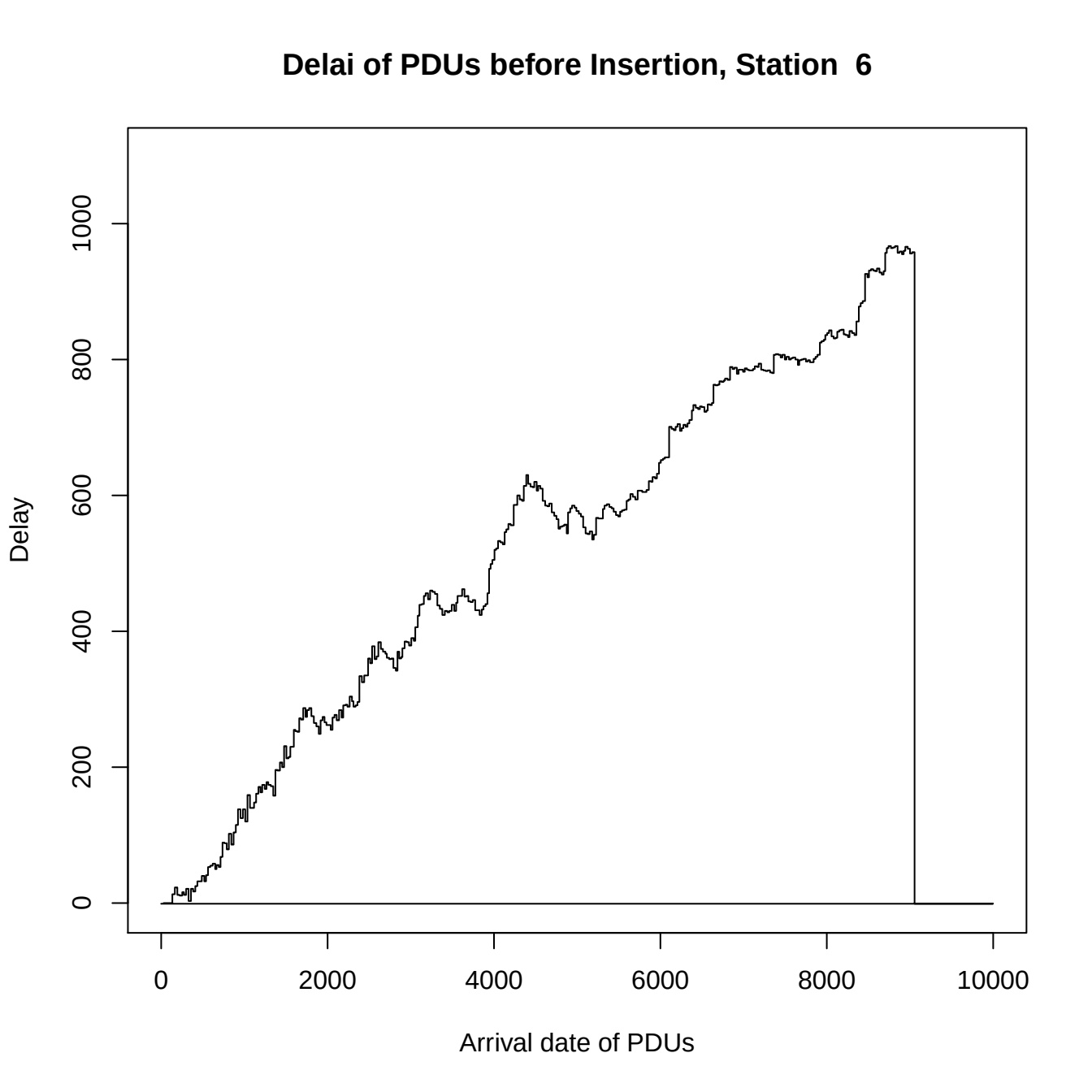

Occurency of time Delay, station 3
Occurency
0
1
2
3
4
5
6
0
37
185
222
330
357
454
495
574
696
774
810
875
Delay

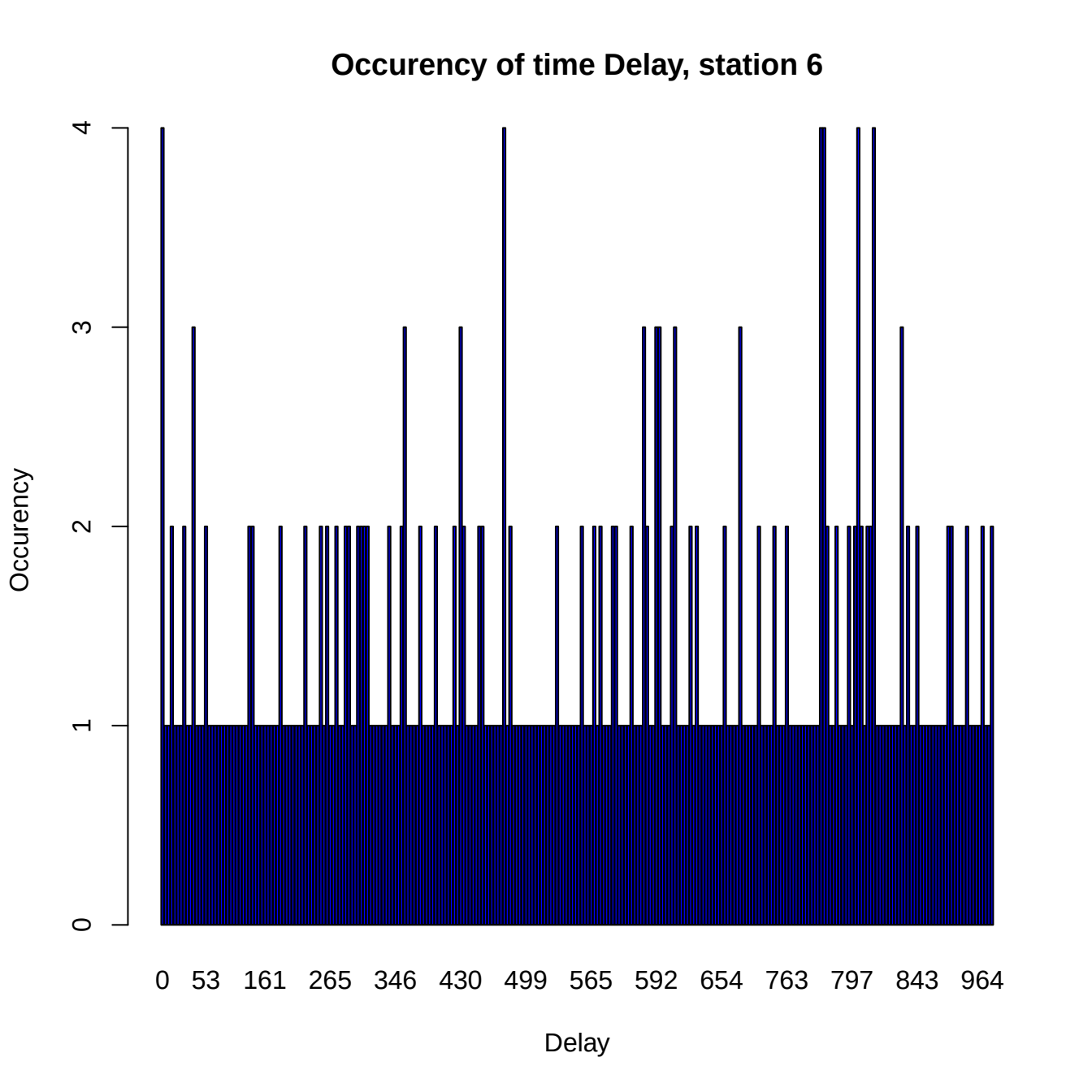

Delai of PDUs before Insertion, Station 4
Delay
0
200
400
600
800
1000
0
2000
4000
6000
8000
10000
Arrival date of PDUs

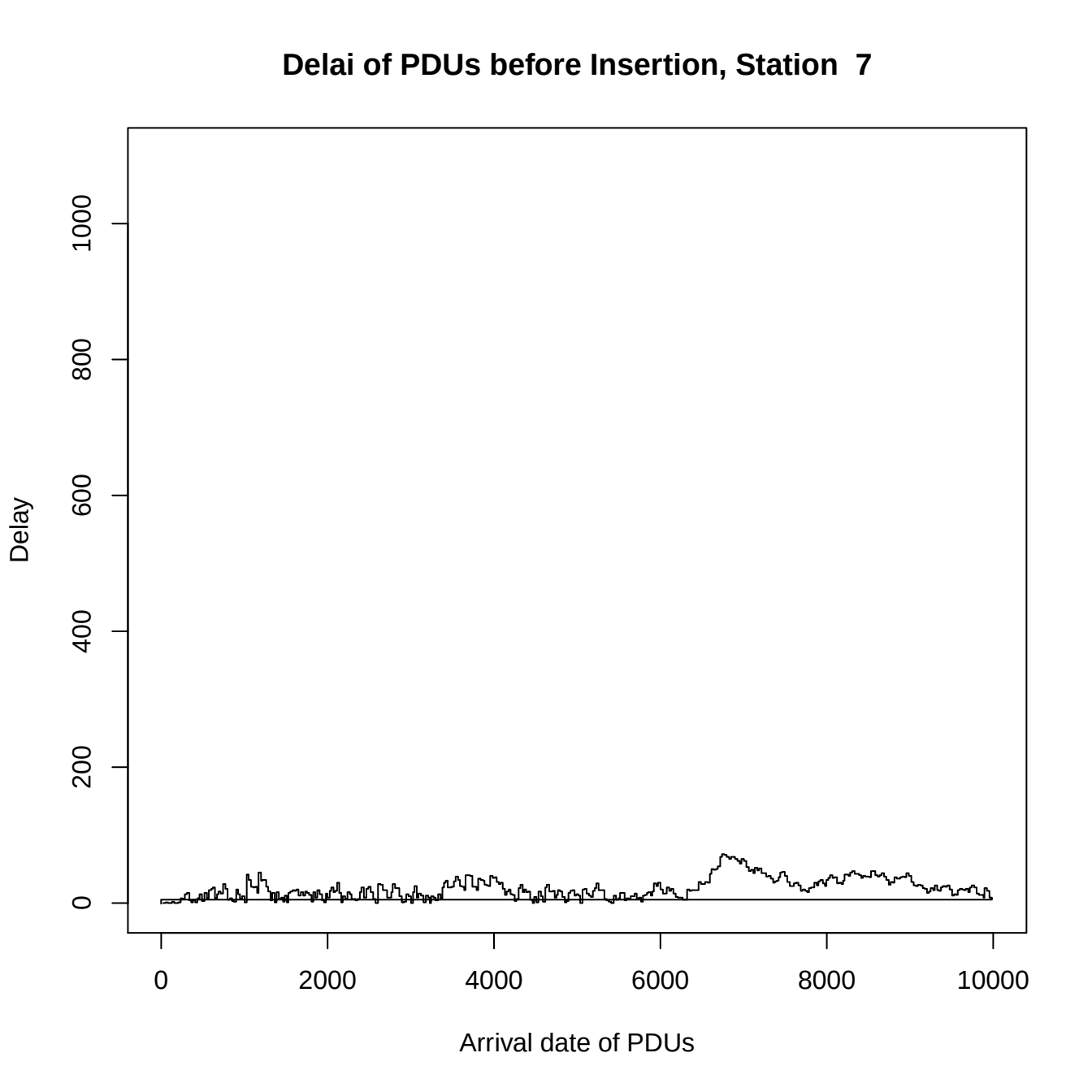

Occurency of time Delay, station 4
Occurency
0
1
2
3
4
0
41
104
130
190
224
263
312
343
420
497
538
580
654
Delay

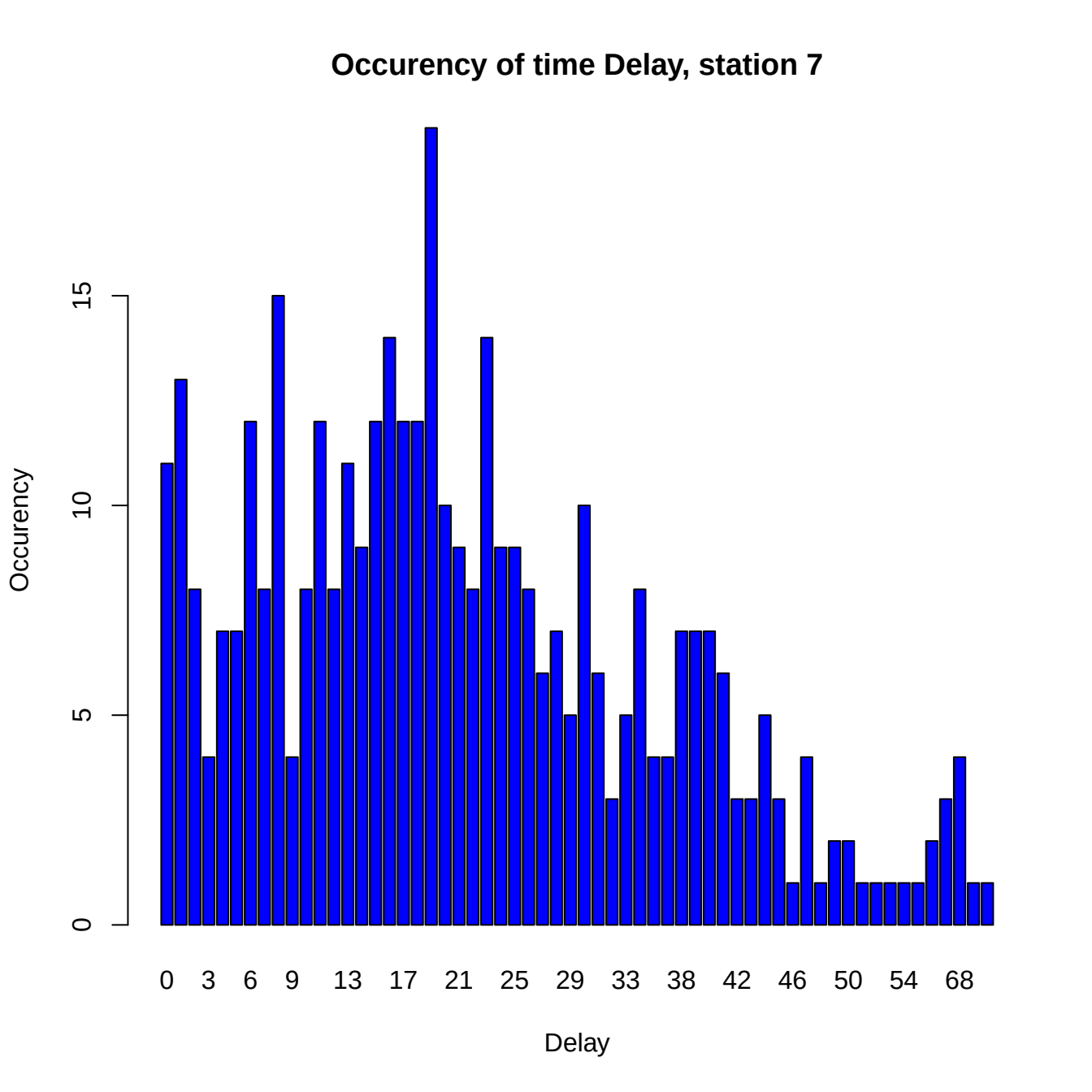

Delai of PDUs before Insertion, Station 5
Delay
0
200
400
600
800
1000
0
2000
4000
6000
8000
10000
Arrival date of PDUs

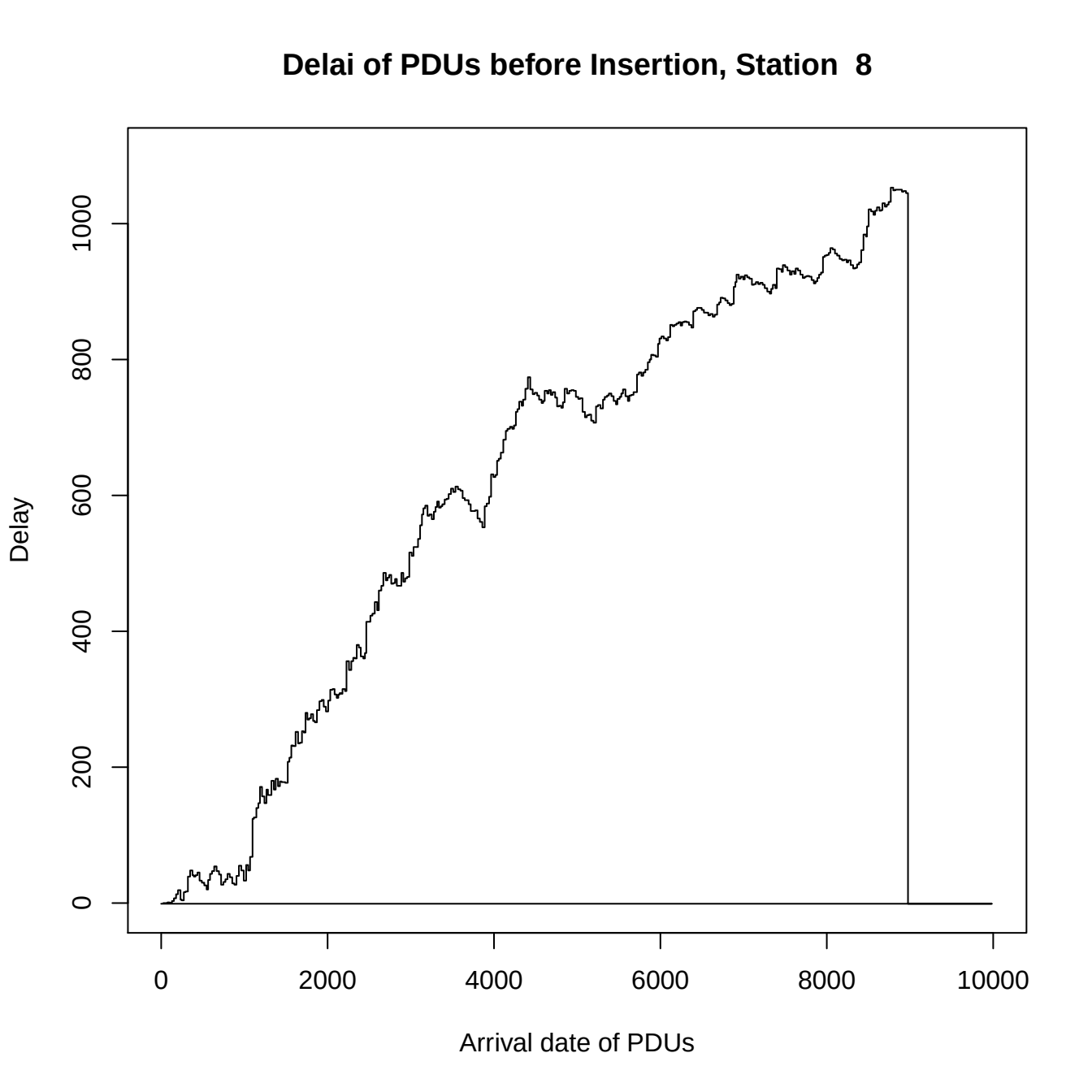

Occurency of time Delay, station 5
Occurency
0
5
10
15
0
4
8
13
18
23
28
33
39
45
56
62
84
96
117
126
Delay

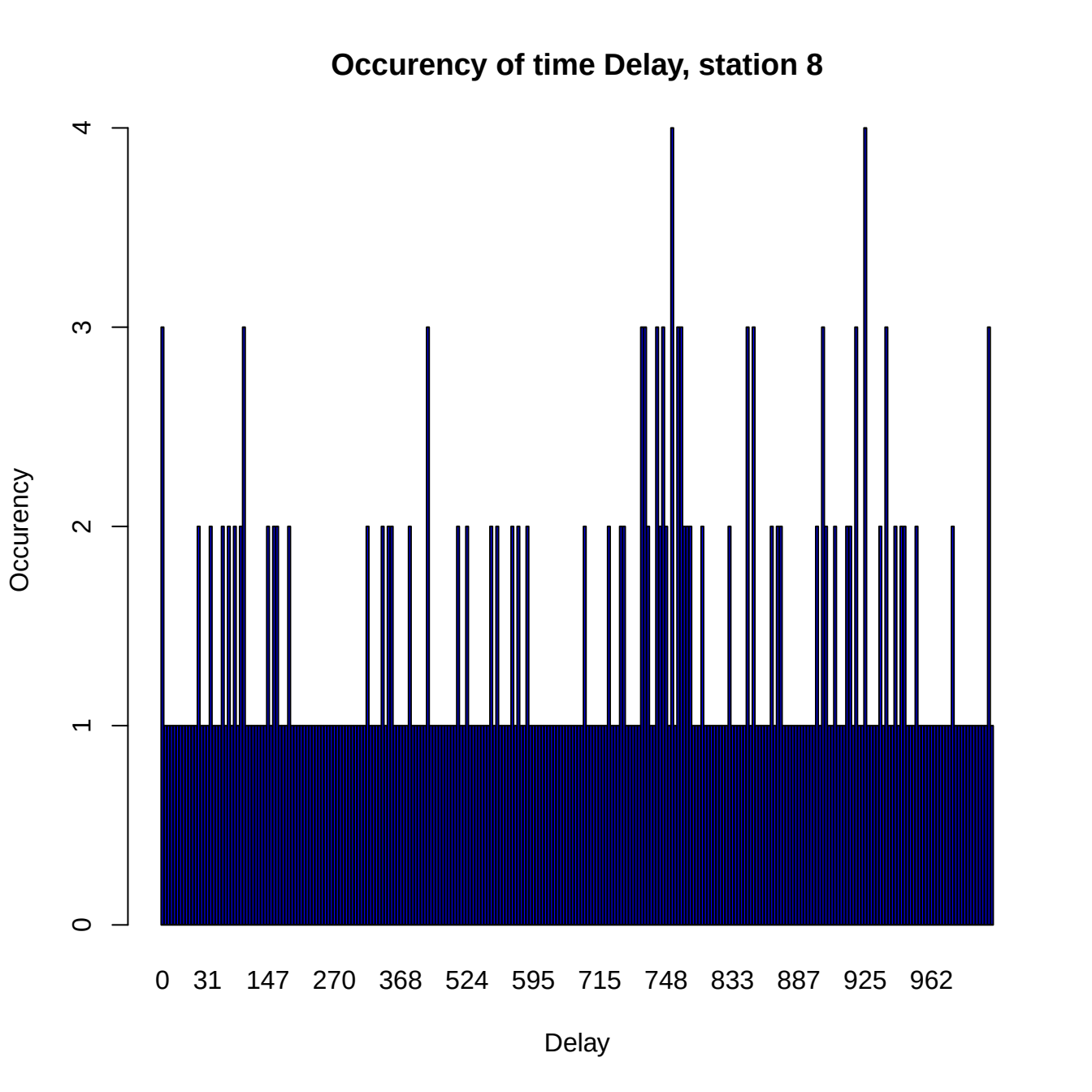

Delai of PDUs before Insertion, Station 6
Delay
0
200
400
600
800
1000
0
2000
4000
6000
8000
10000
Arrival date of PDUs

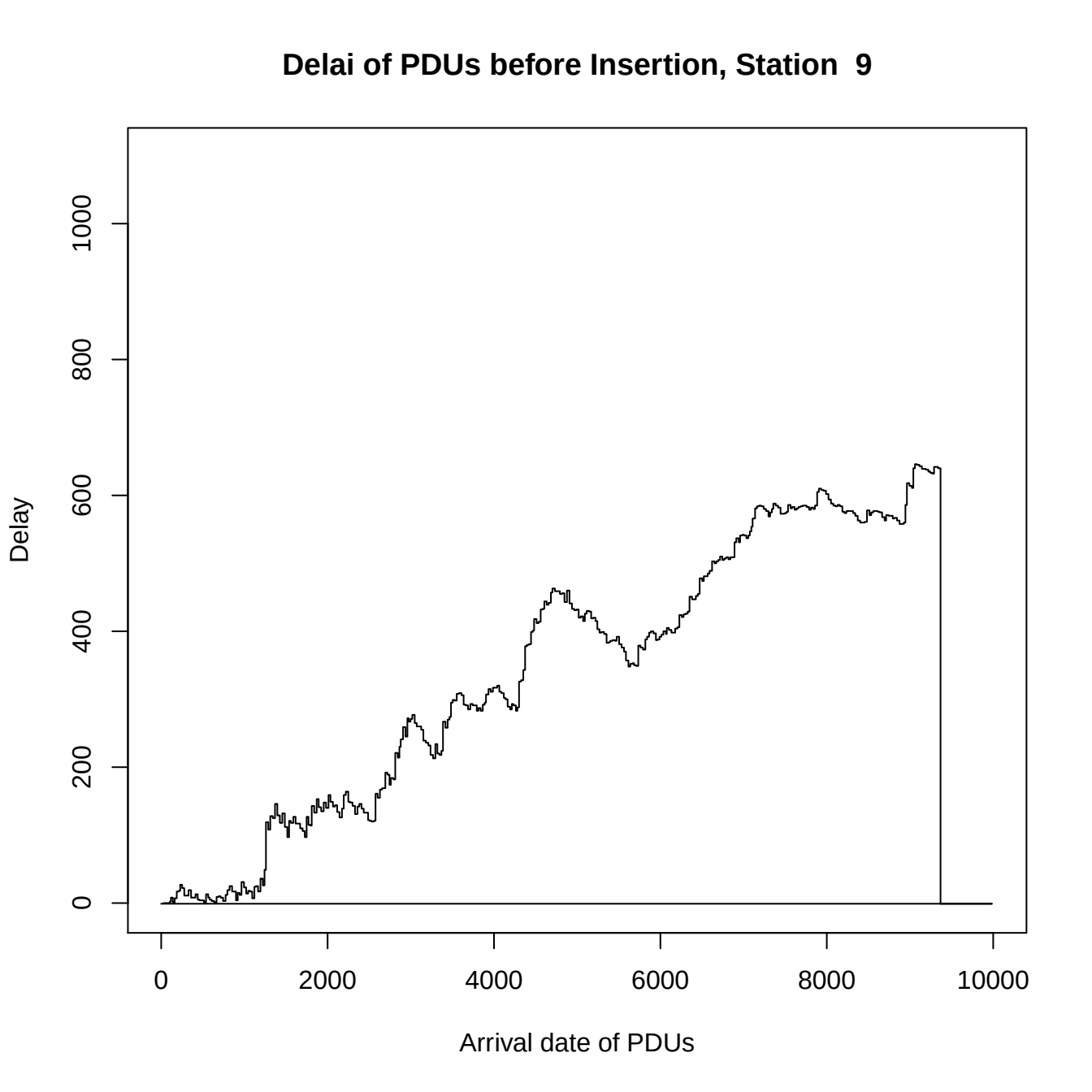

Occurency of time Delay, station 6
Occurency
0
1
2
3
4
0
53
161
265
346
430
499
565
592
654
763
797
843
964
Delay

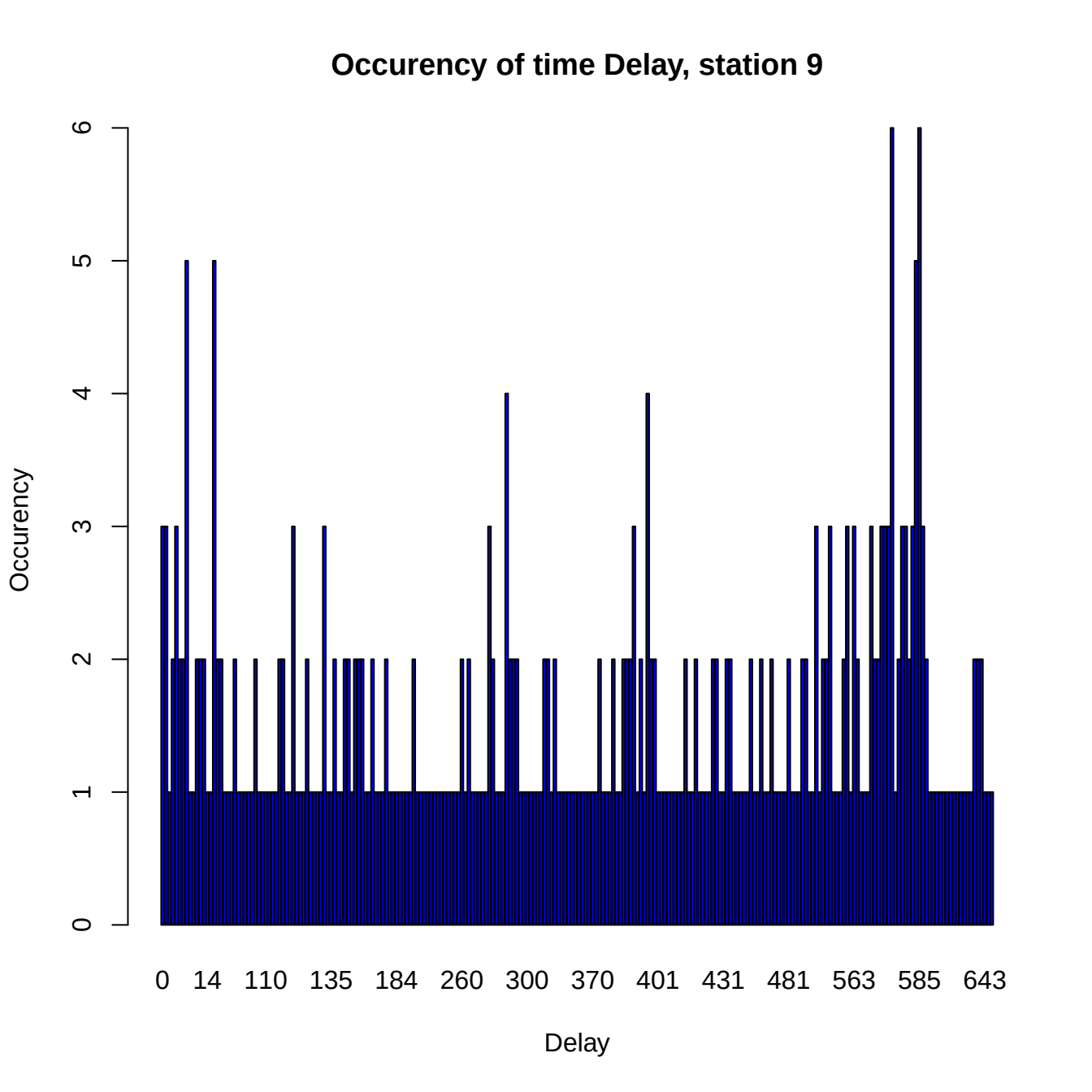

Delai of PDUs before Insertion, Station 7
Delay
0
200
400
600
800
1000
0
2000
4000
6000
8000
10000
Arrival date of PDUs

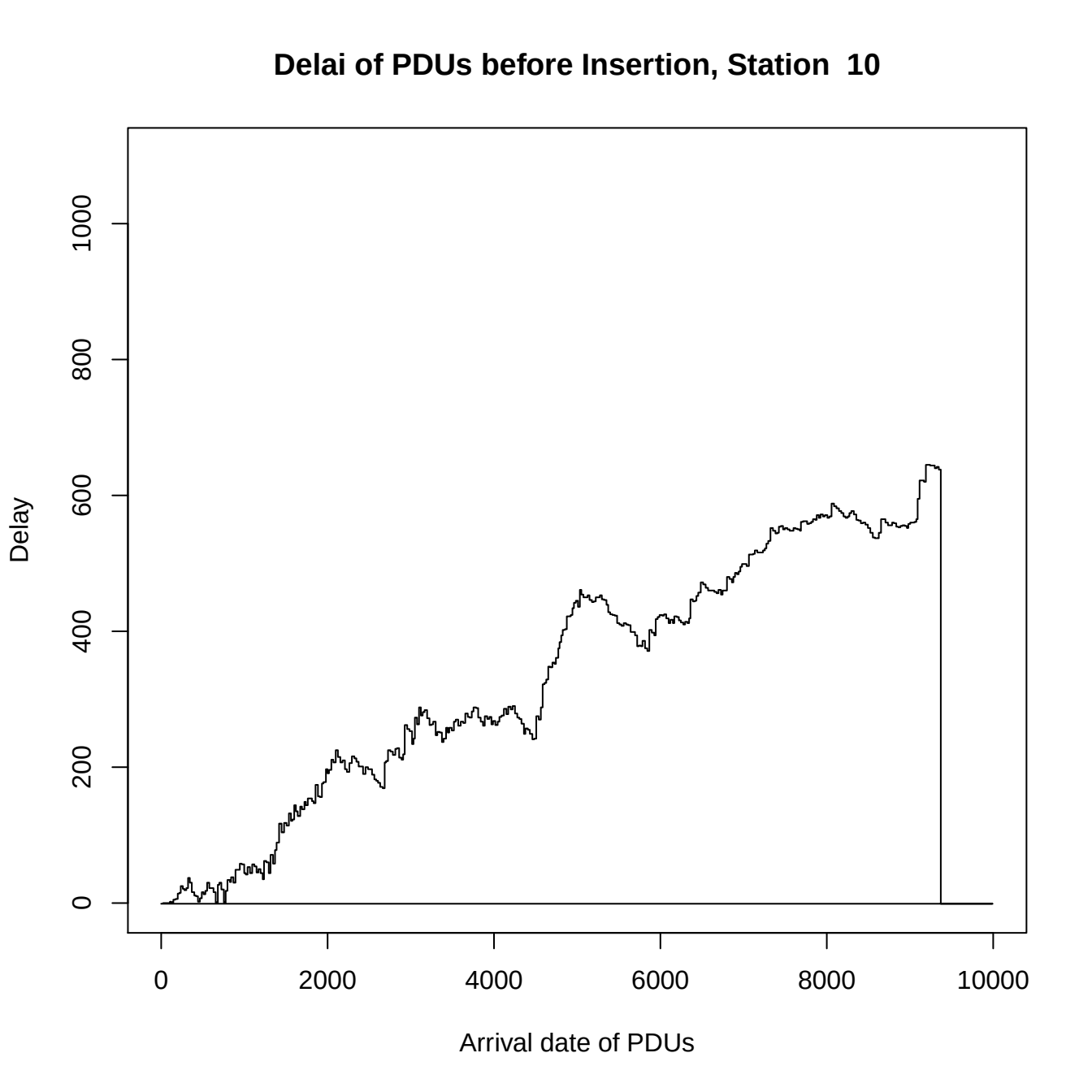

Occurency of time Delay, station 7
Occurency
0
5
10
15
0
3
6
9
13
17
21
25
29
33
38
42
46
50
54
68
Delay

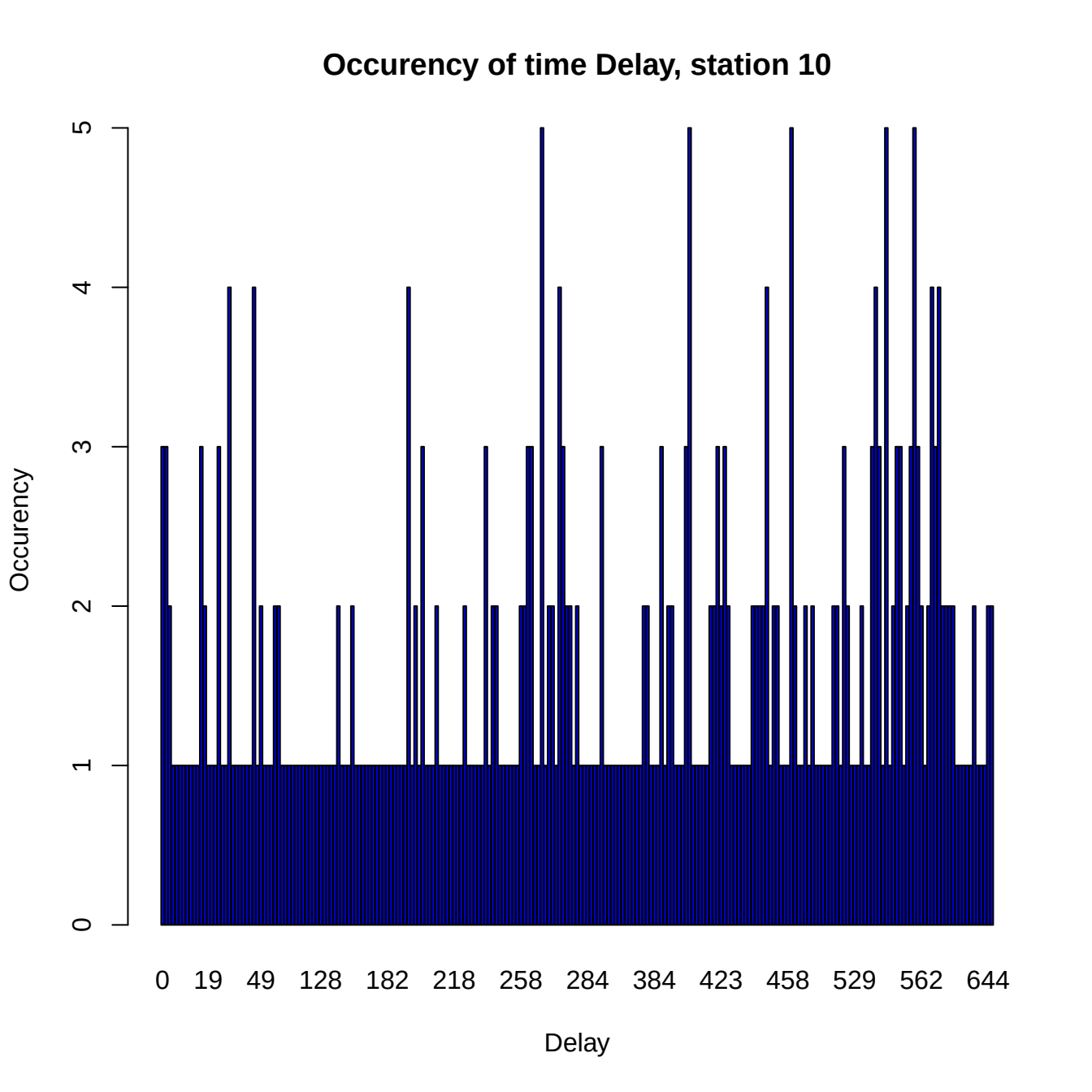

Delai of PDUs before Insertion, Station 8
Delay
0
200
400
600
800
1000
0
2000
4000
6000
8000
10000
Arrival date of PDUs

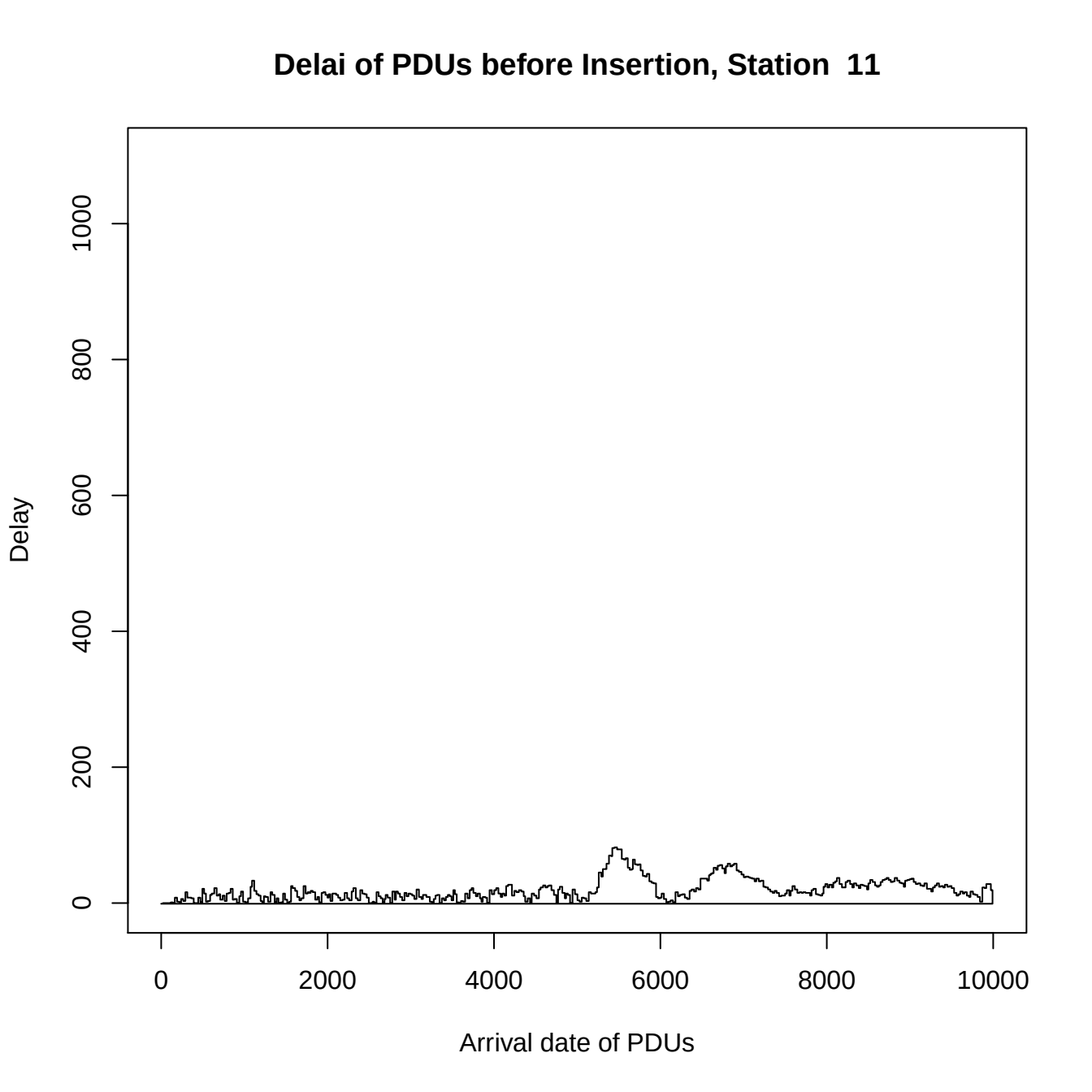

Occurency of time Delay, station 8
Occurency
0
1
2
3
4
0
31
147
270
368
524
595
715
748
833
887
925
962
Delay

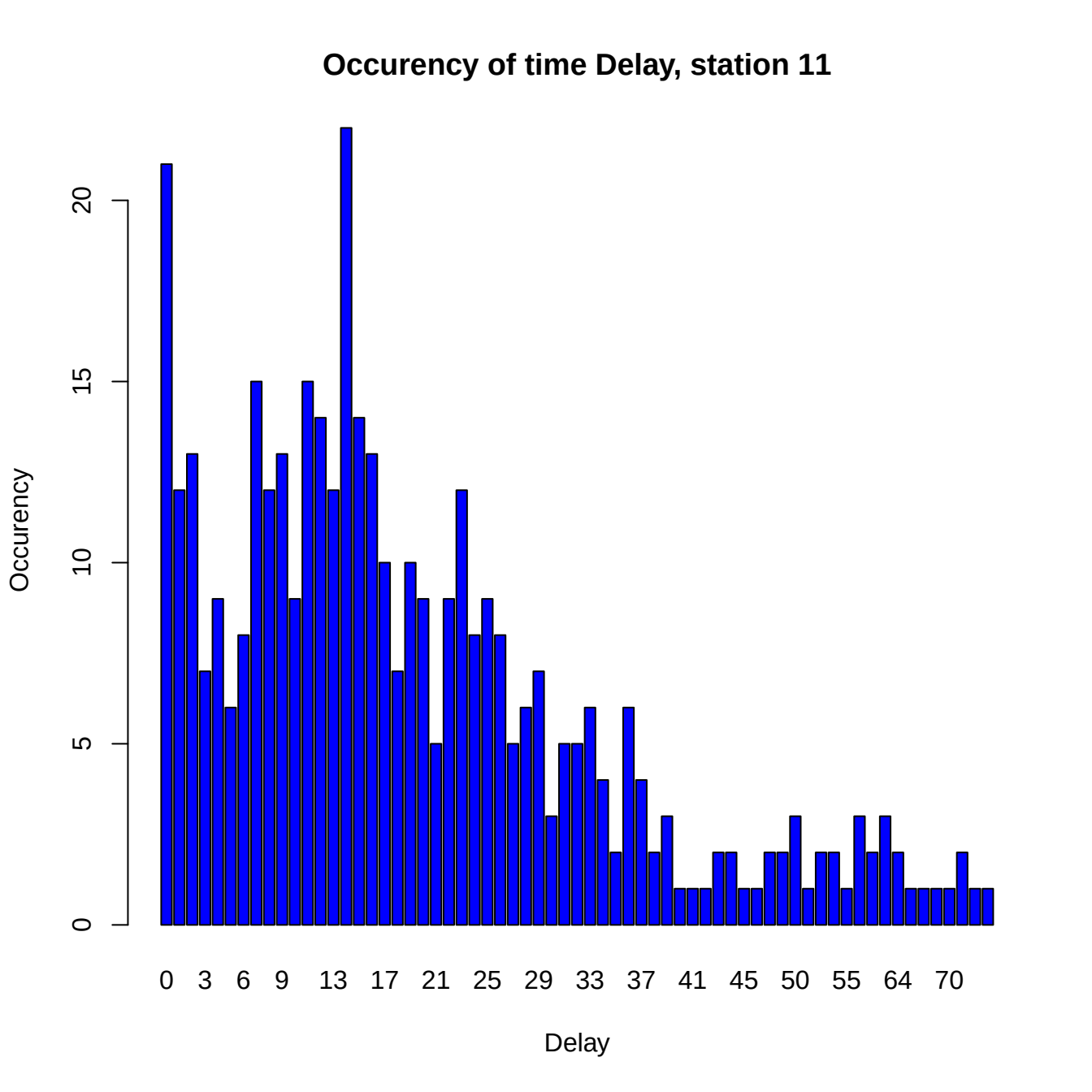

Delai of PDUs before Insertion, Station 9
Delay
0
200
400
600
800
1000
0
2000
4000
6000
8000
10000
Arrival date of PDUs

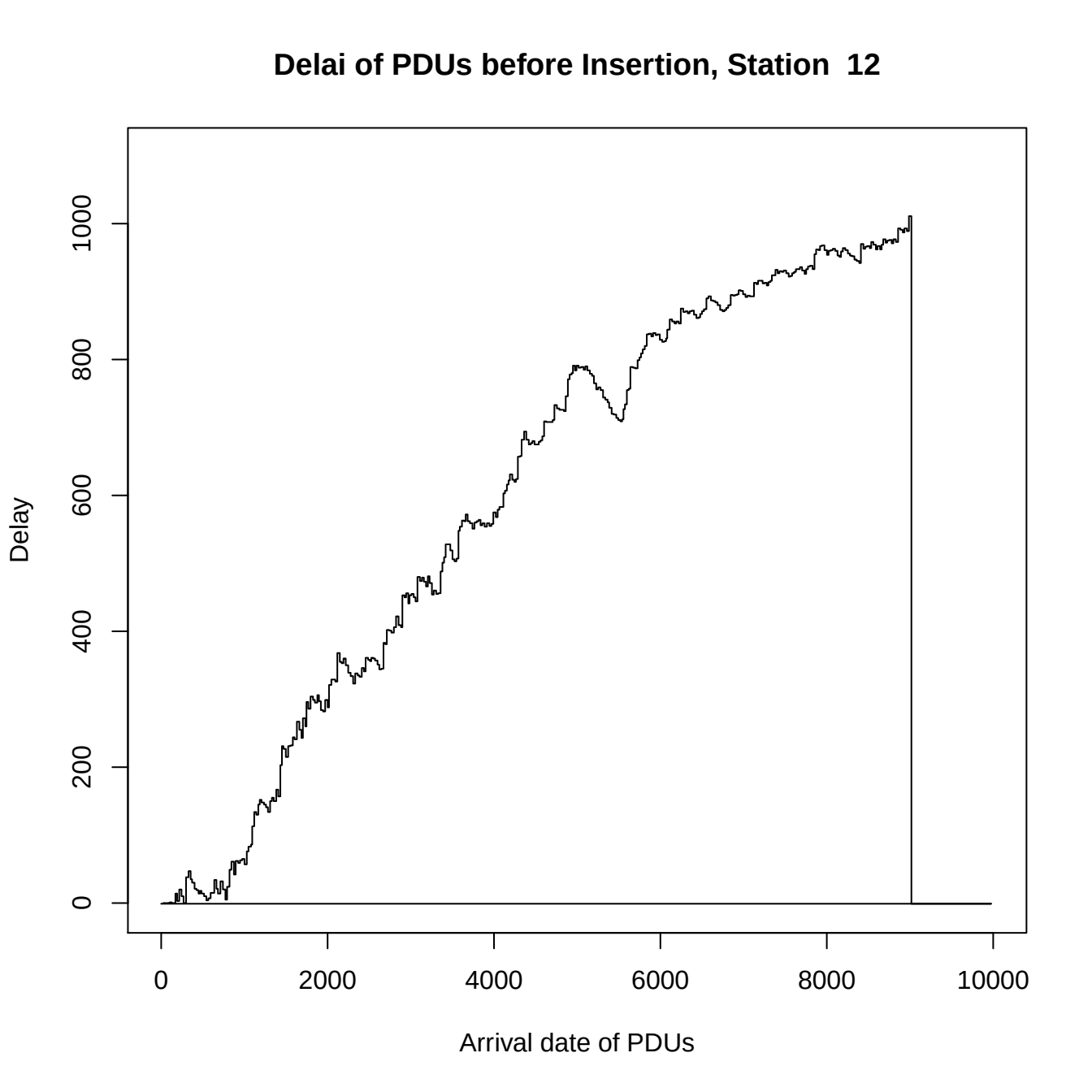

Occurency of time Delay, station 9
Occurency
0
1
2
3
4
5
6
0
14
110
135
184
260
300
370
401
431
481
563
585
643
Delay

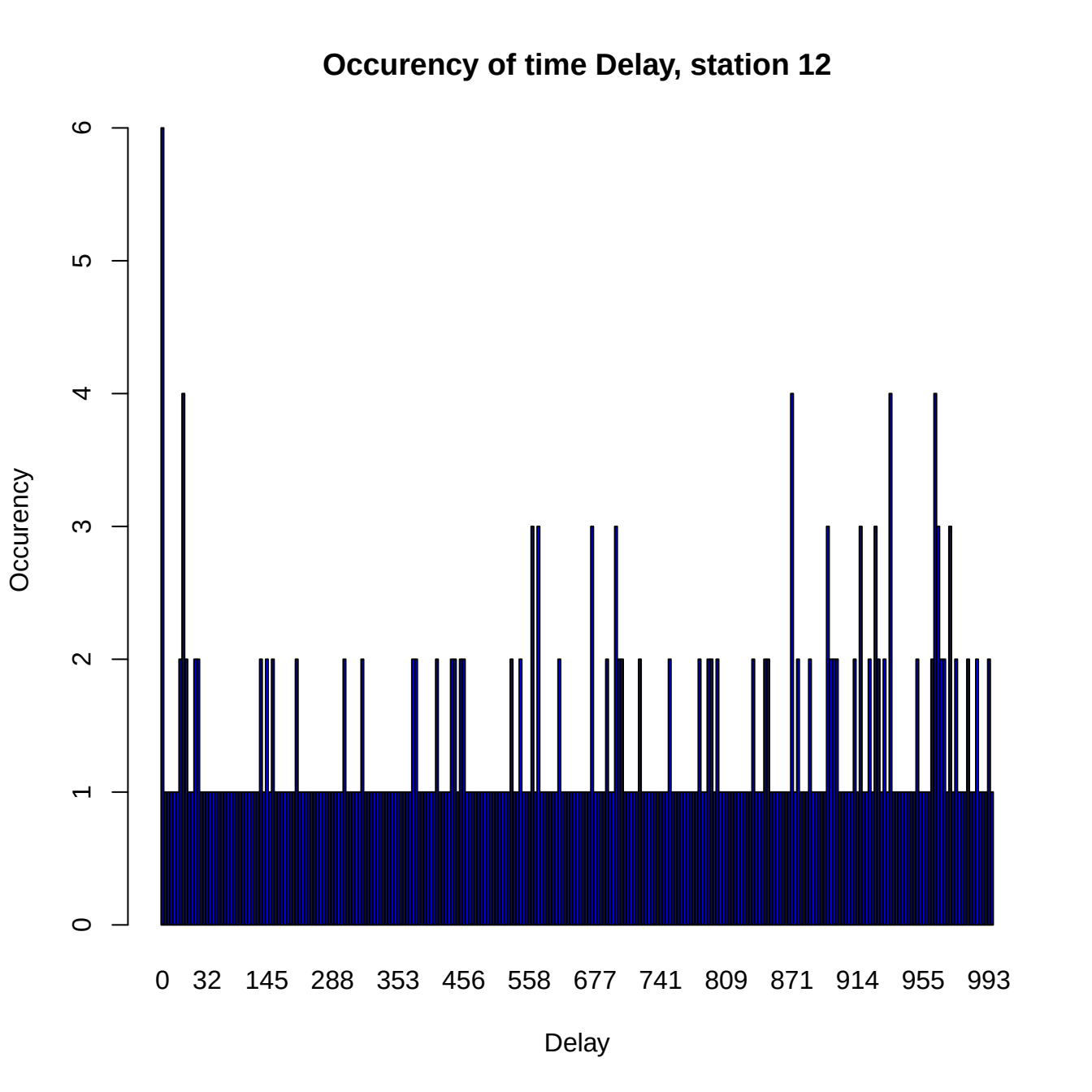

Delai of PDUs before Insertion, Station 10
Delay
0
200
400
600
800
1000
0
2000
4000
6000
8000
10000
Arrival date of PDUs

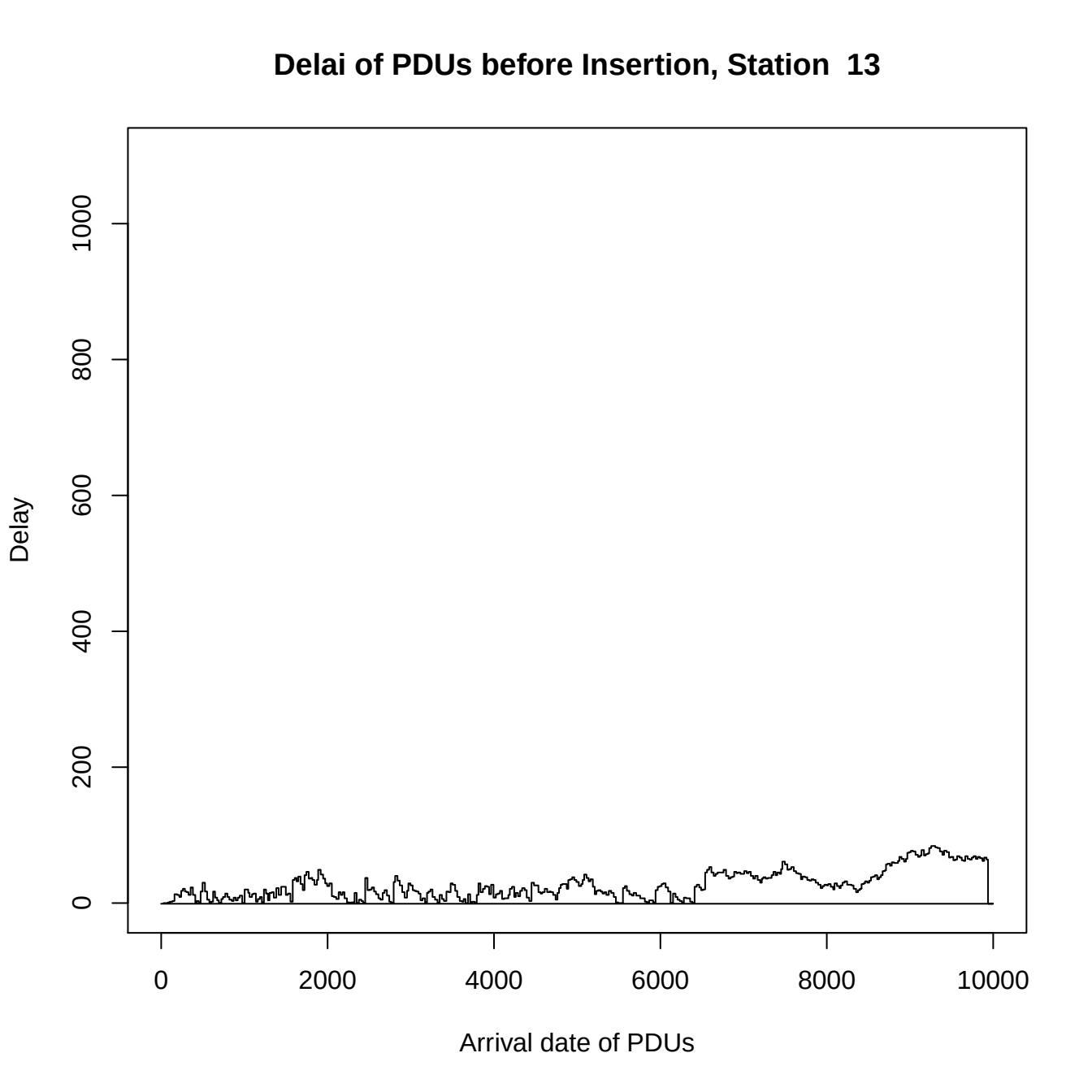

Occurency of time Delay, station 10
Occurency
0
1
2
3
4
5
0
19
49
128
182
218
258
284
384
423
458
529
562
644
Delay

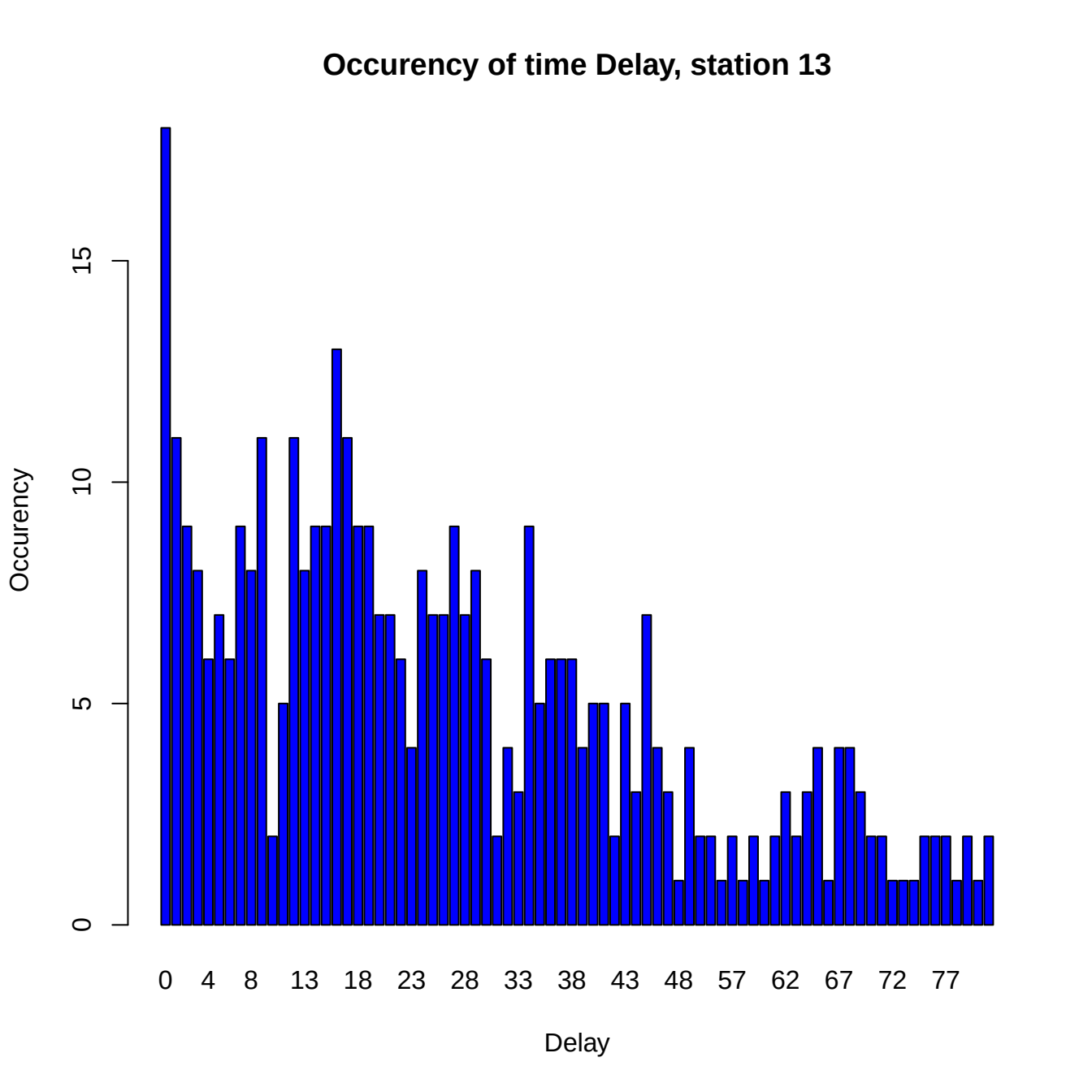

Delai of PDUs before Insertion, Station 11
Delay
0
200
400
600
800
1000
0
2000
4000
6000
8000
10000
Arrival date of PDUs

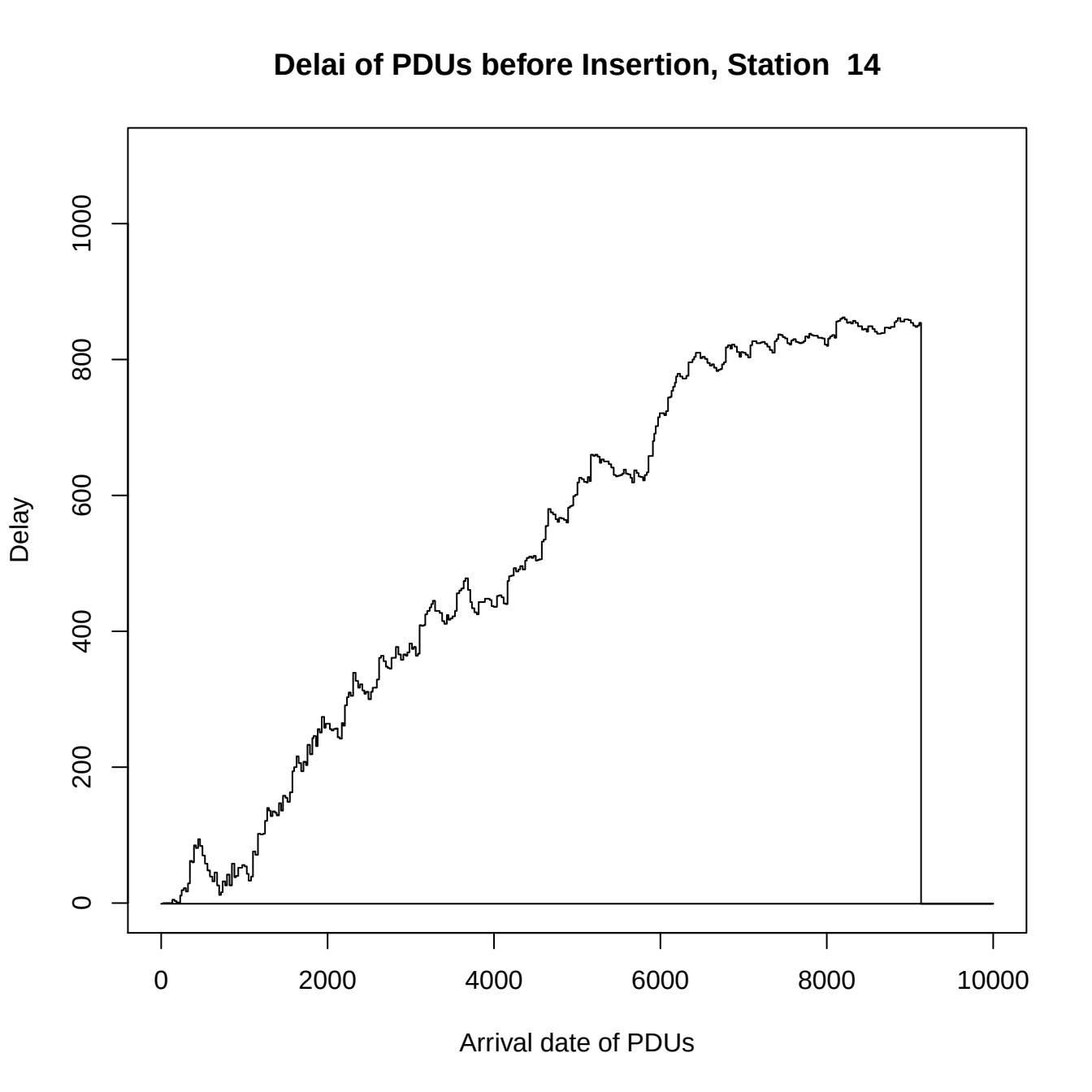

Occurency of time Delay, station 11
Occurency
0
5
10
15
20
0
3
6
9
13
17
21
25
29
33
37
41
45
50
55
64
70
Delay

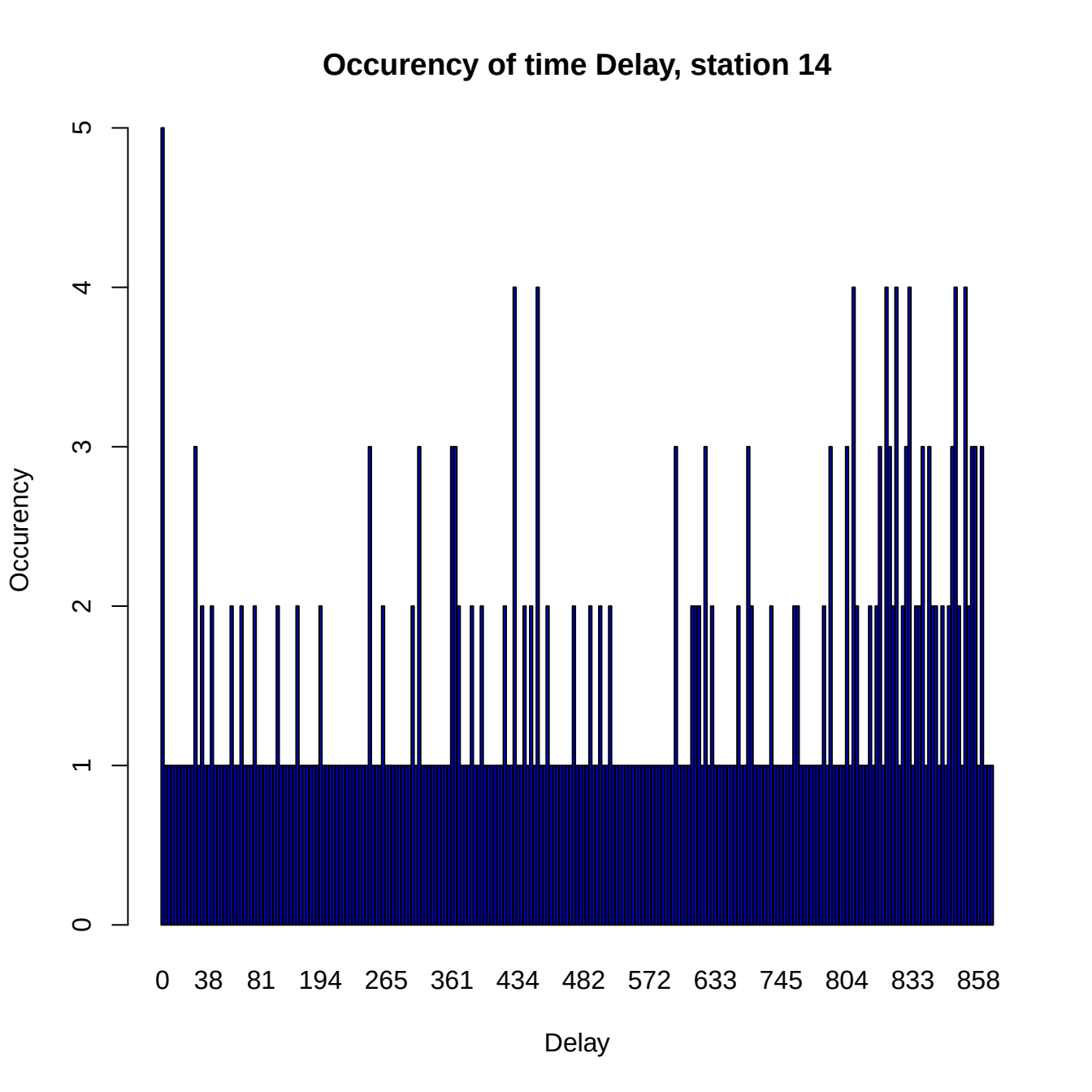

Delai of PDUs before Insertion, Station 12
Delay
0
200
400
600
800
1000
0
2000
4000
6000
8000
10000
Arrival date of PDUs

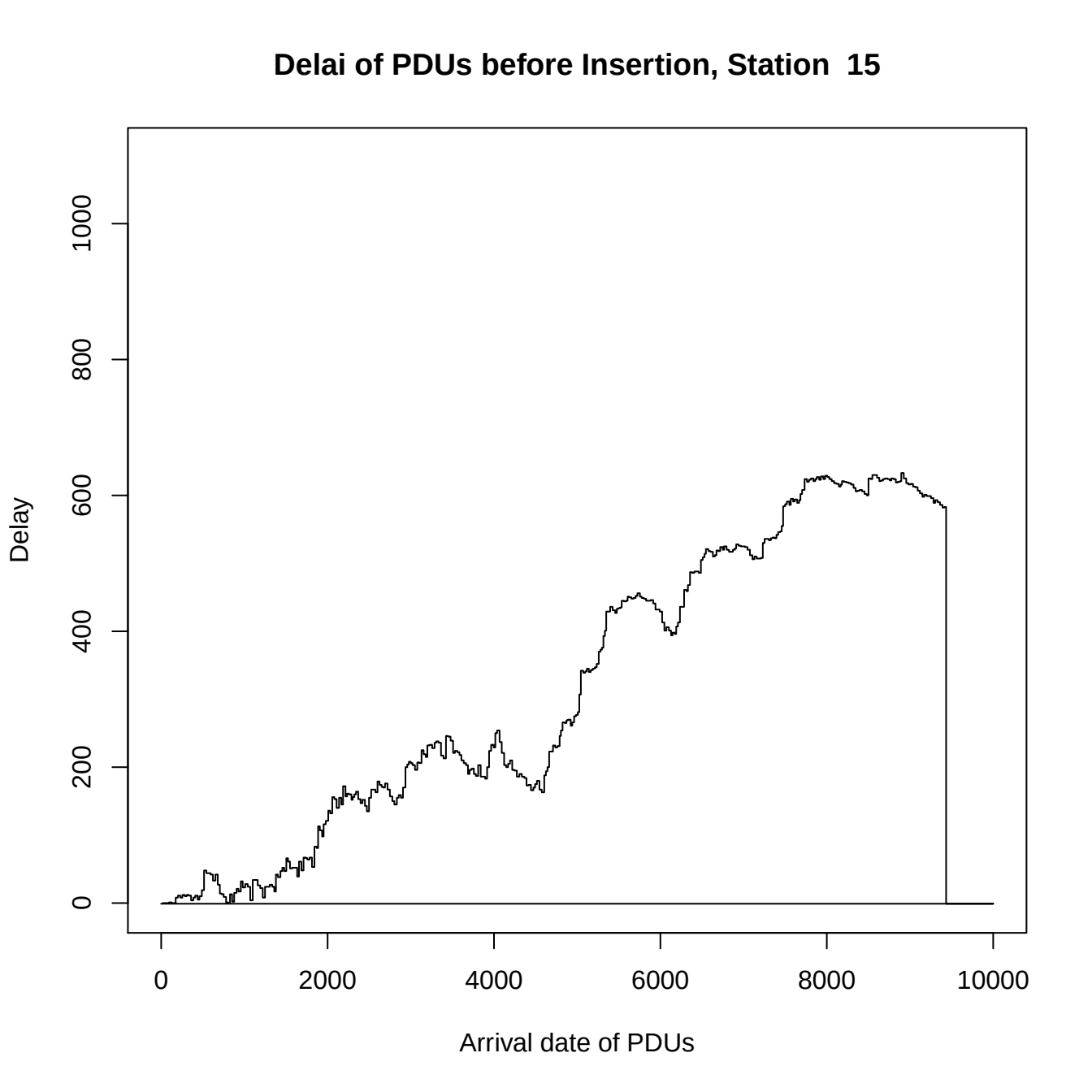

Occurency of time Delay, station 12
Occurency
0
1
2
3
4
5
6
0
32
145
288
353
456
558
677
741
809
871
914
955
993
Delay

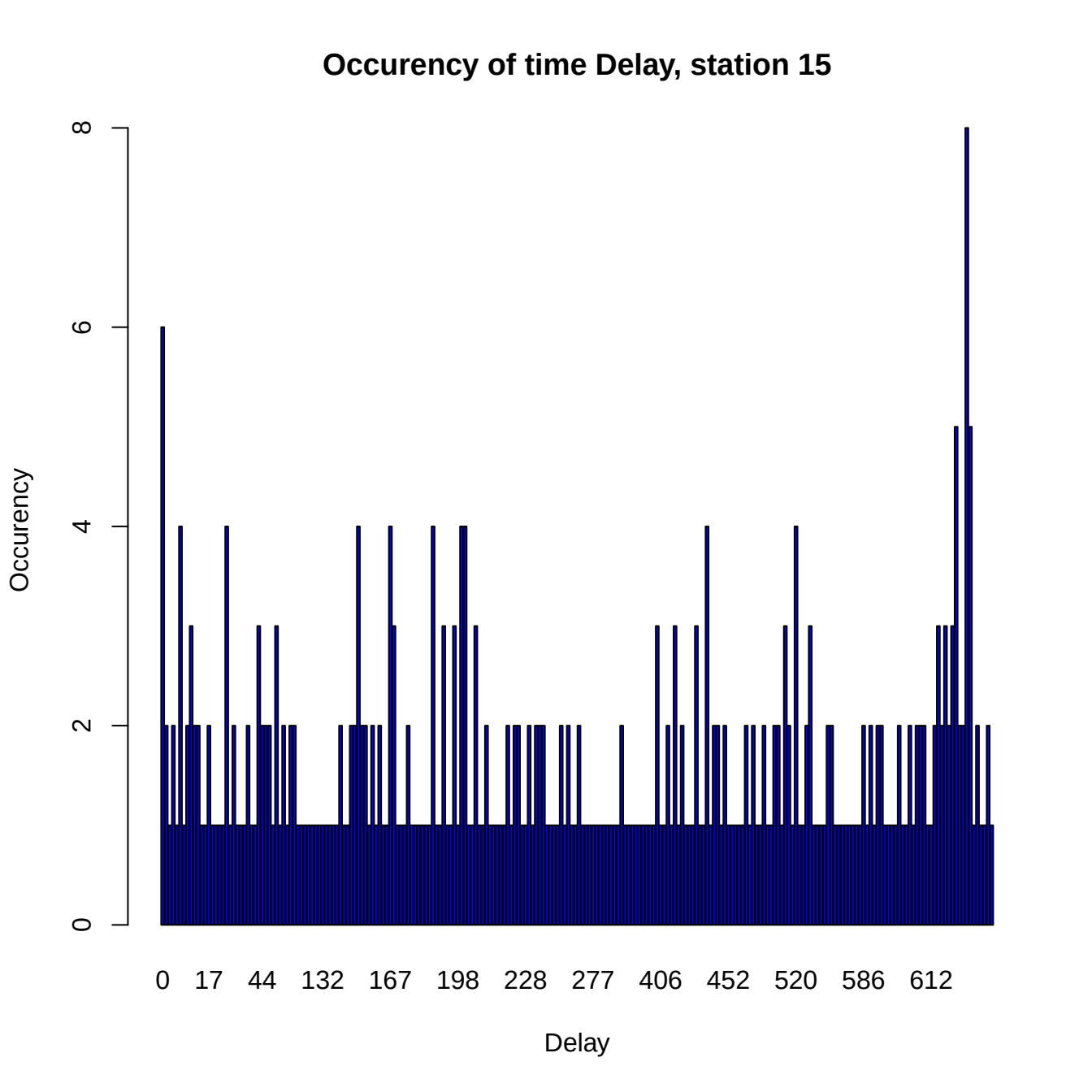

Delai of PDUs before Insertion, Station 13
Delay
0
200
400
600
800
1000
0
2000
4000
6000
8000
10000
Arrival date of PDUs

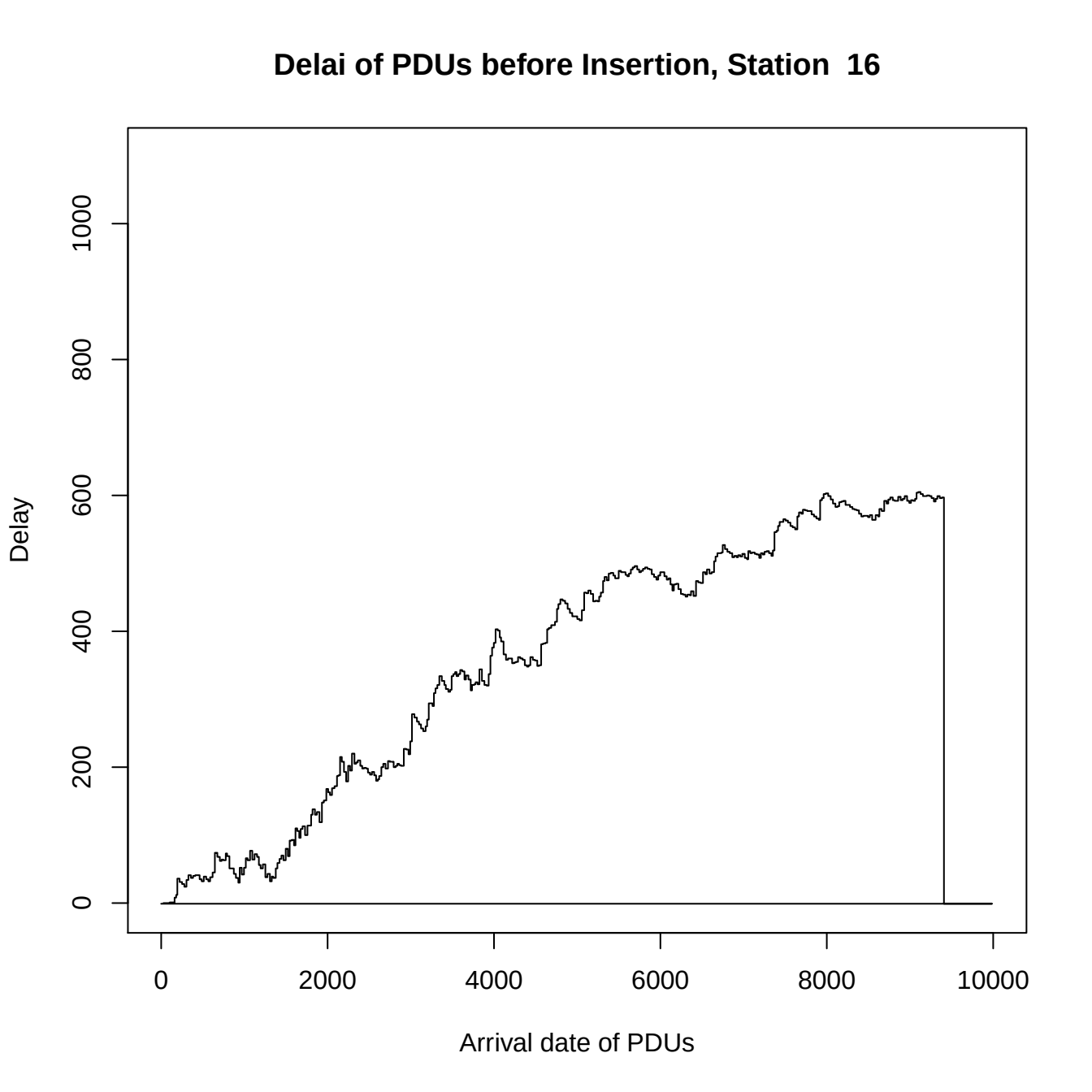

Occurency of time Delay, station 13
Occurency
0
5
10
15
0
4
8
13
18
23
28
33
38
43
48
57
62
67
72
77
Delay

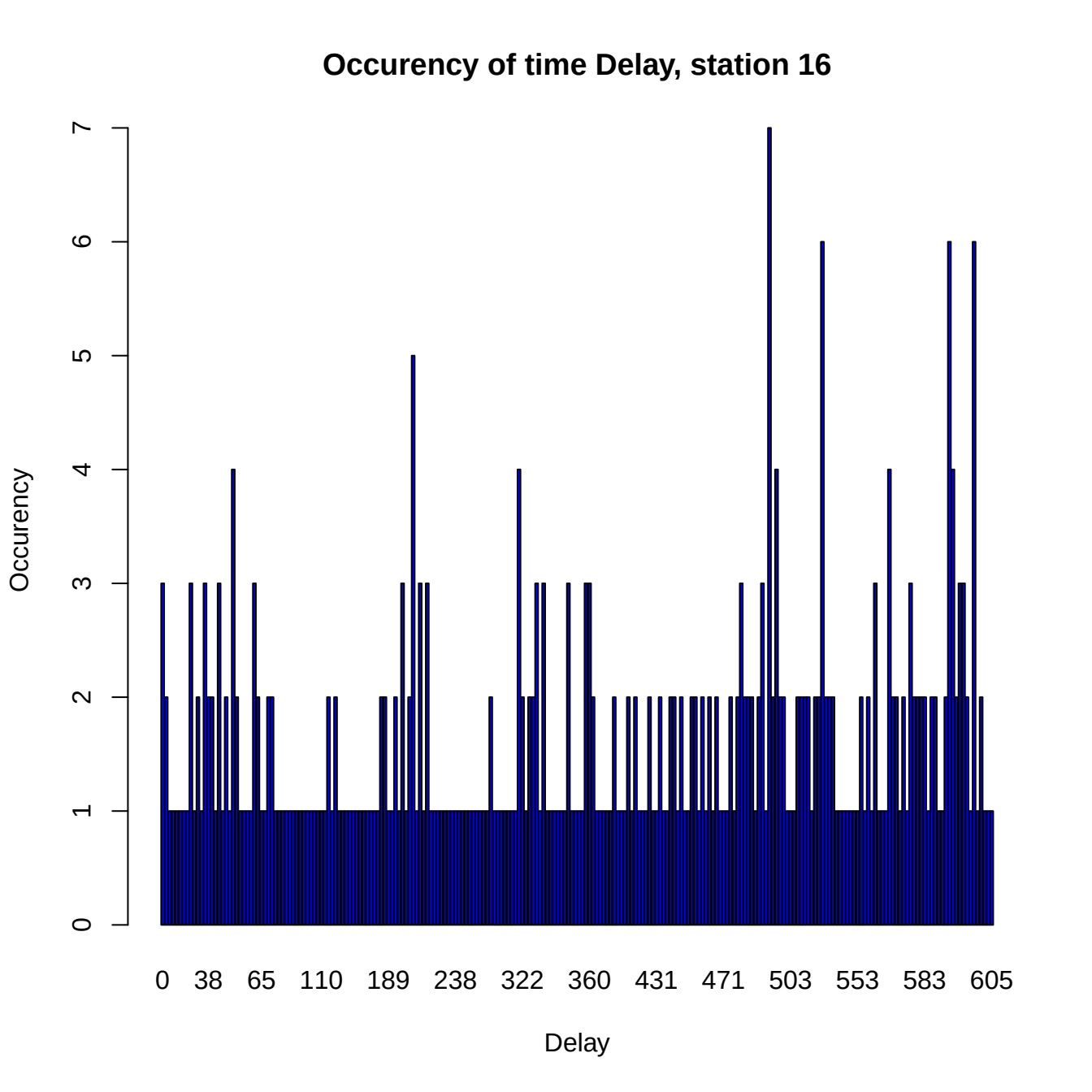

Delai of PDUs before Insertion, Station 14
Delay
0
200
400
600
800
1000
0
2000
4000
6000
8000
10000
Arrival date of PDUs

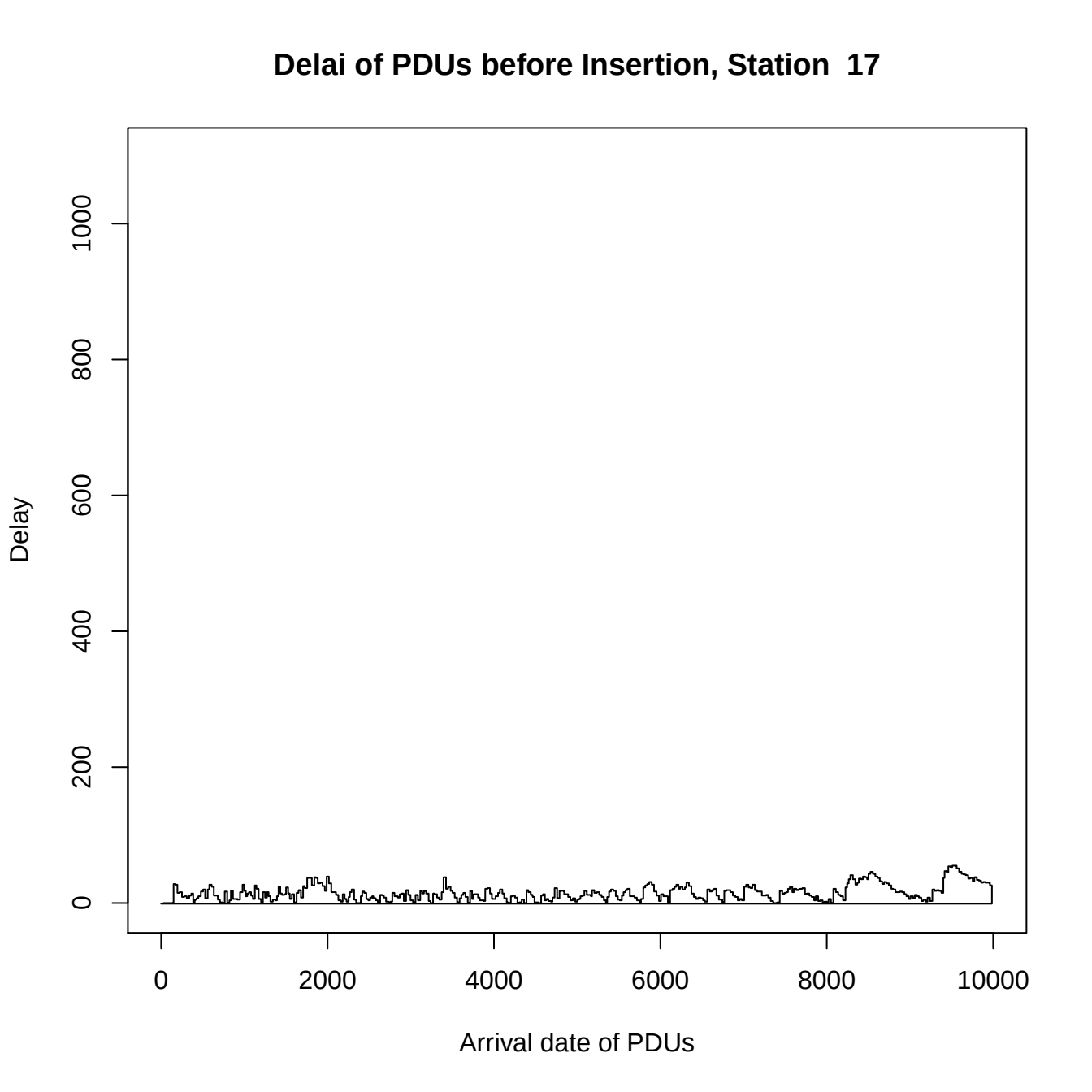

Occurency of time Delay, station 14
Occurency
0
1
2
3
4
5
0
38
81
194
265
361
434
482
572
633
745
804
833
858
Delay

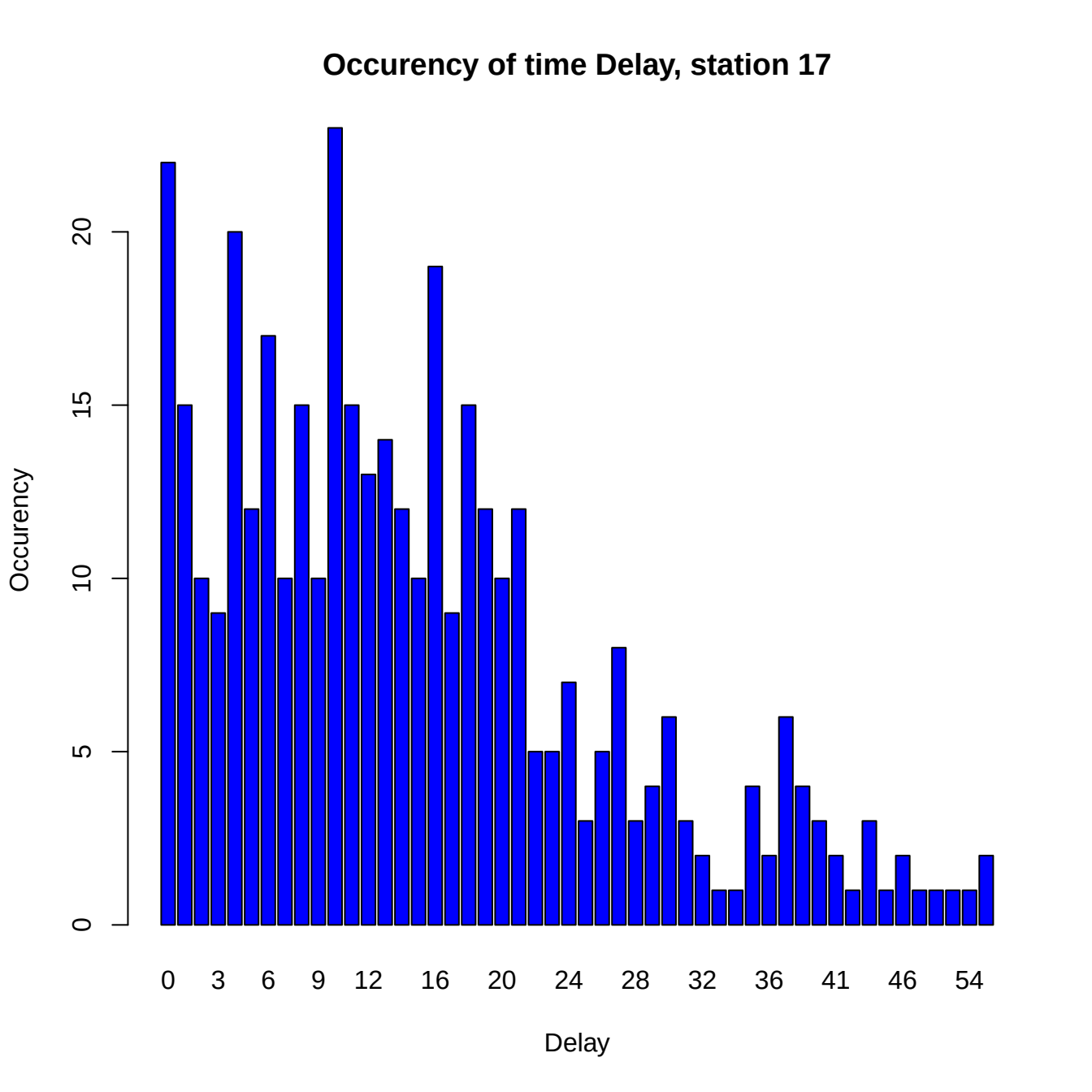

Delai of PDUs before Insertion, Station 15
Delay
0
200
400
600
800
1000
0
2000
4000
6000
8000
10000
Arrival date of PDUs

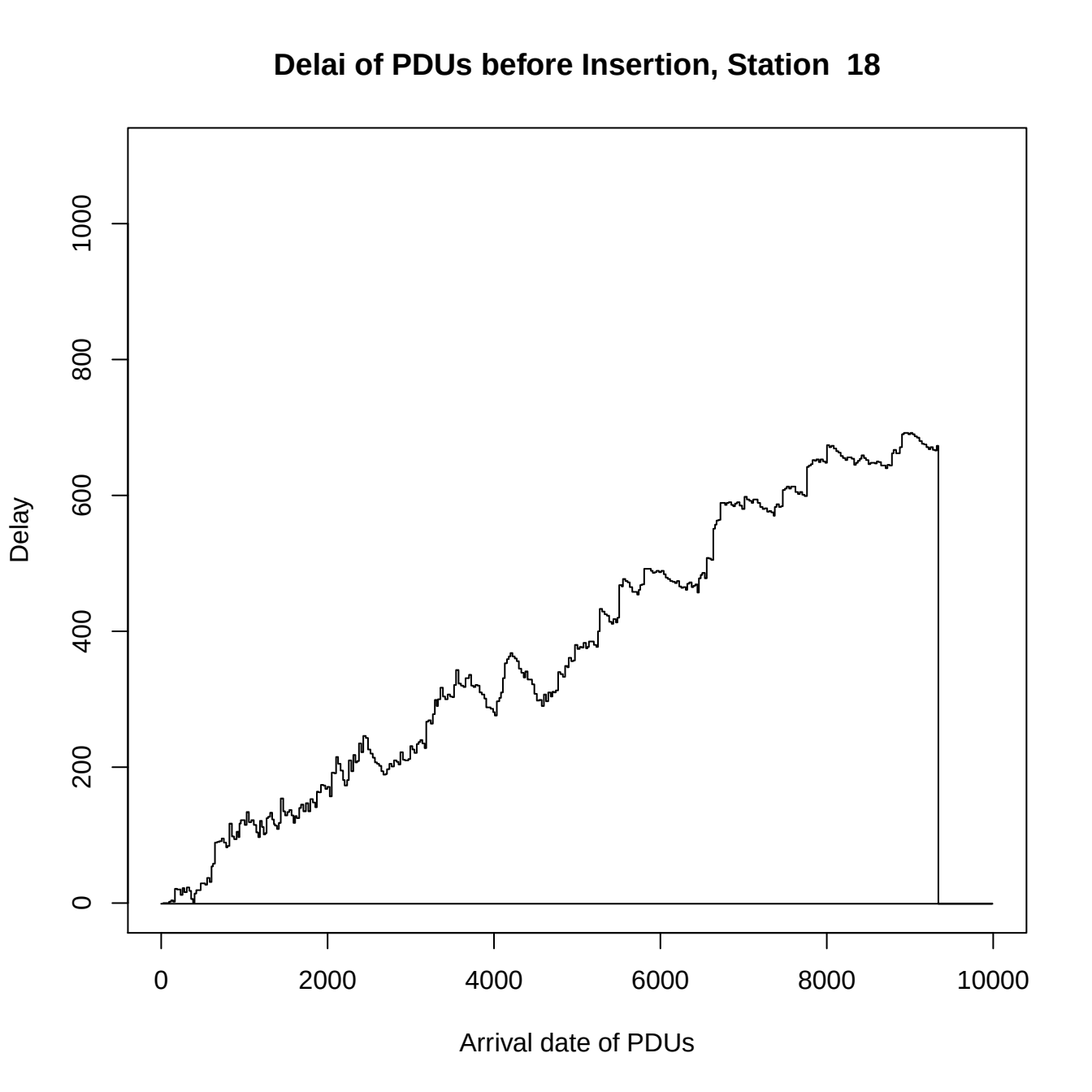

Occurency of time Delay, station 15
Occurency
0
2
4
6
8
0
17
44
132
167
198
228
277
406
452
520
586
612
Delay

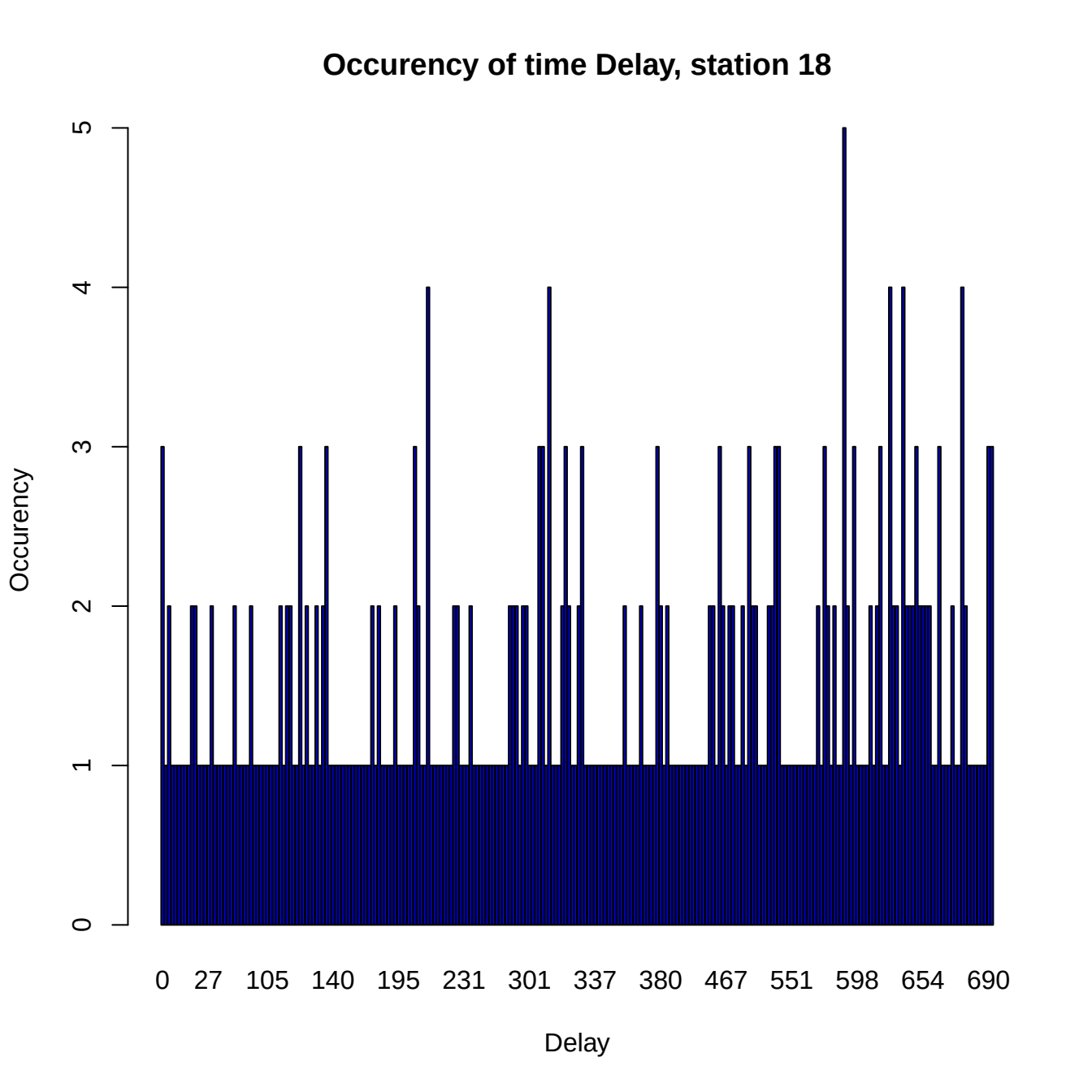

Delai of PDUs before Insertion, Station 16
Delay
0
200
400
600
800
1000
0
2000
4000
6000
8000
10000
Arrival date of PDUs

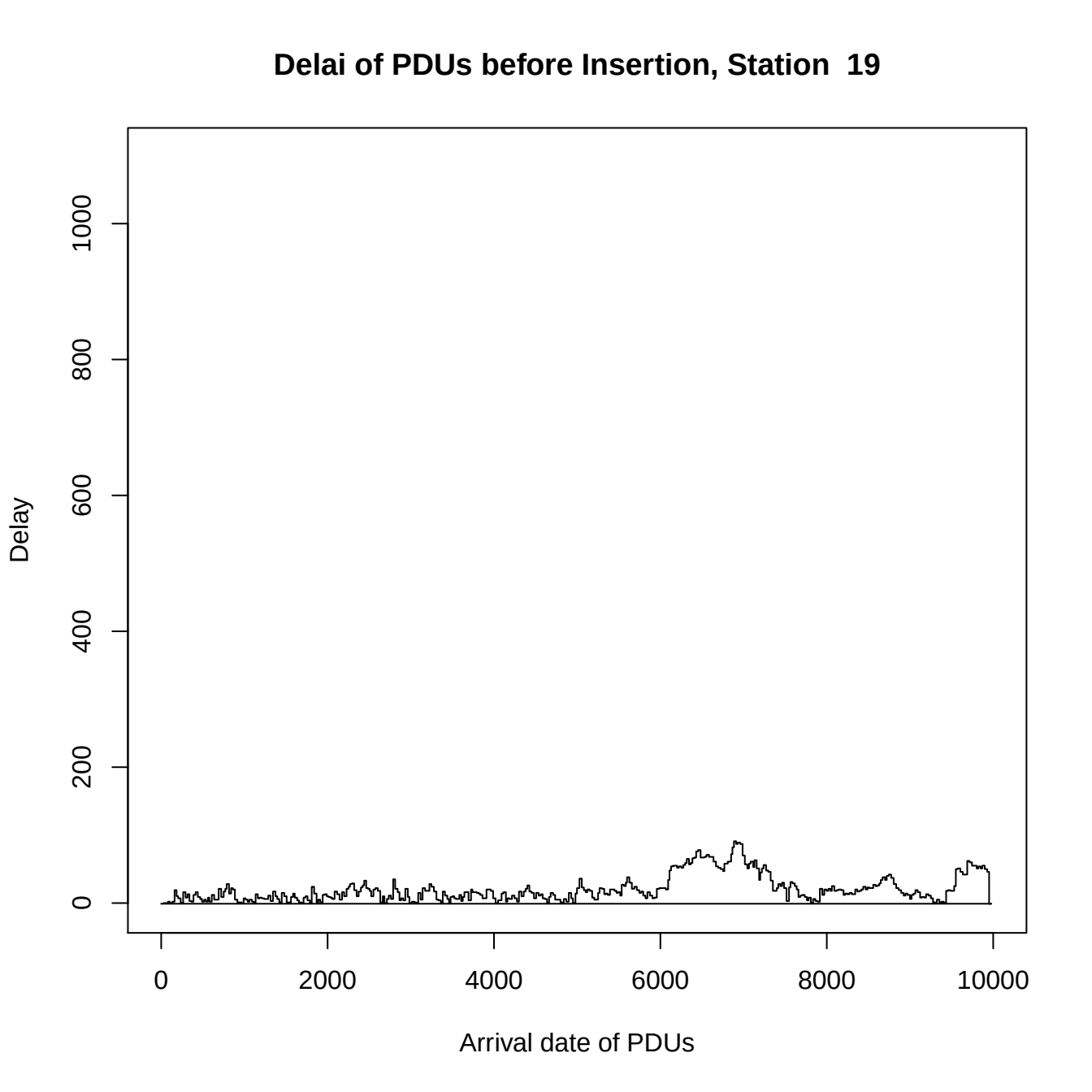

Occurency of time Delay, station 16
Occurency
0
1
2
3
4
5
6
7
0
38
65
110
189
238
322
360
431
471
503
553
583
605
Delay

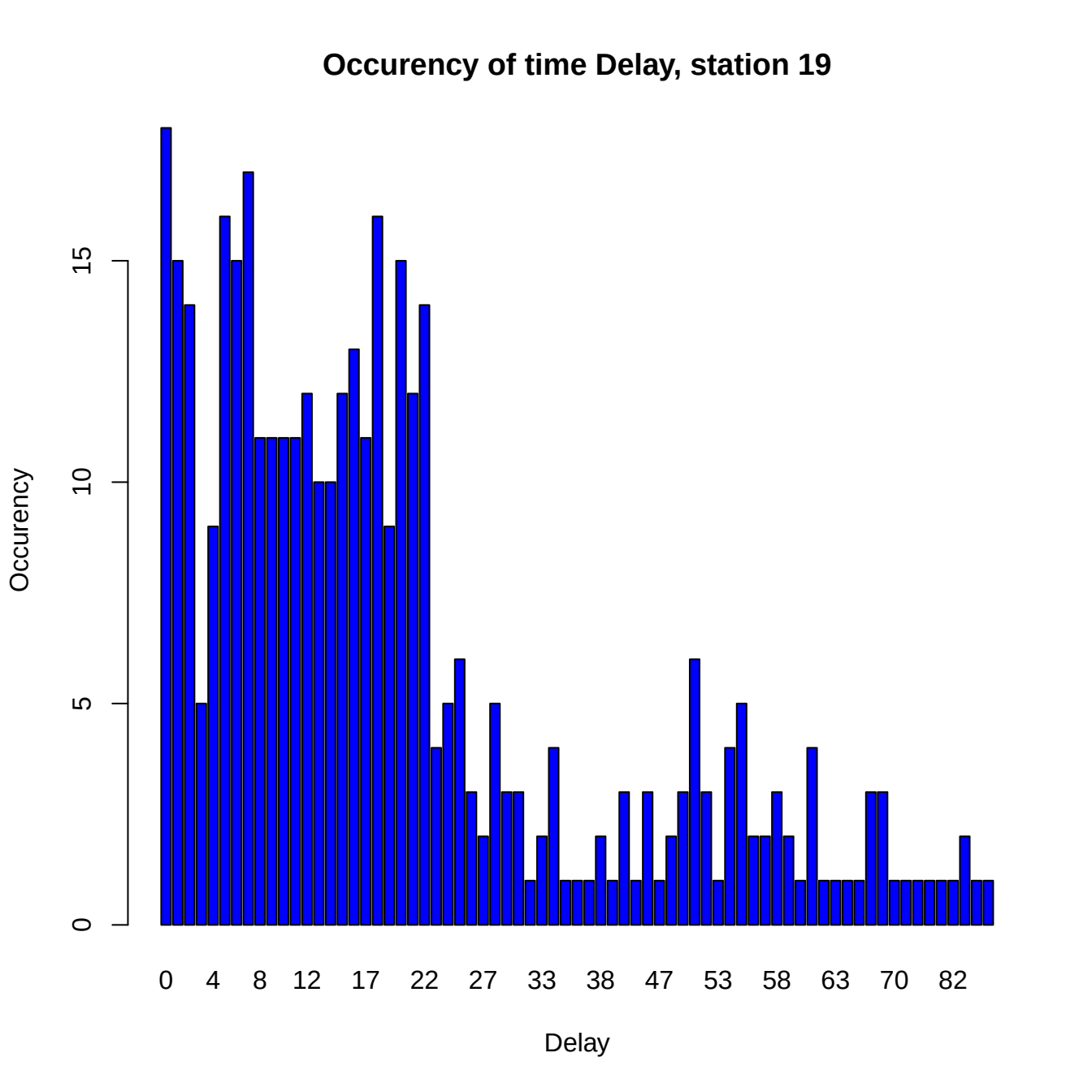

Delai of PDUs before Insertion, Station 17
Delay
0
200
400
600
800
1000
0
2000
4000
6000
8000
10000
Arrival date of PDUs

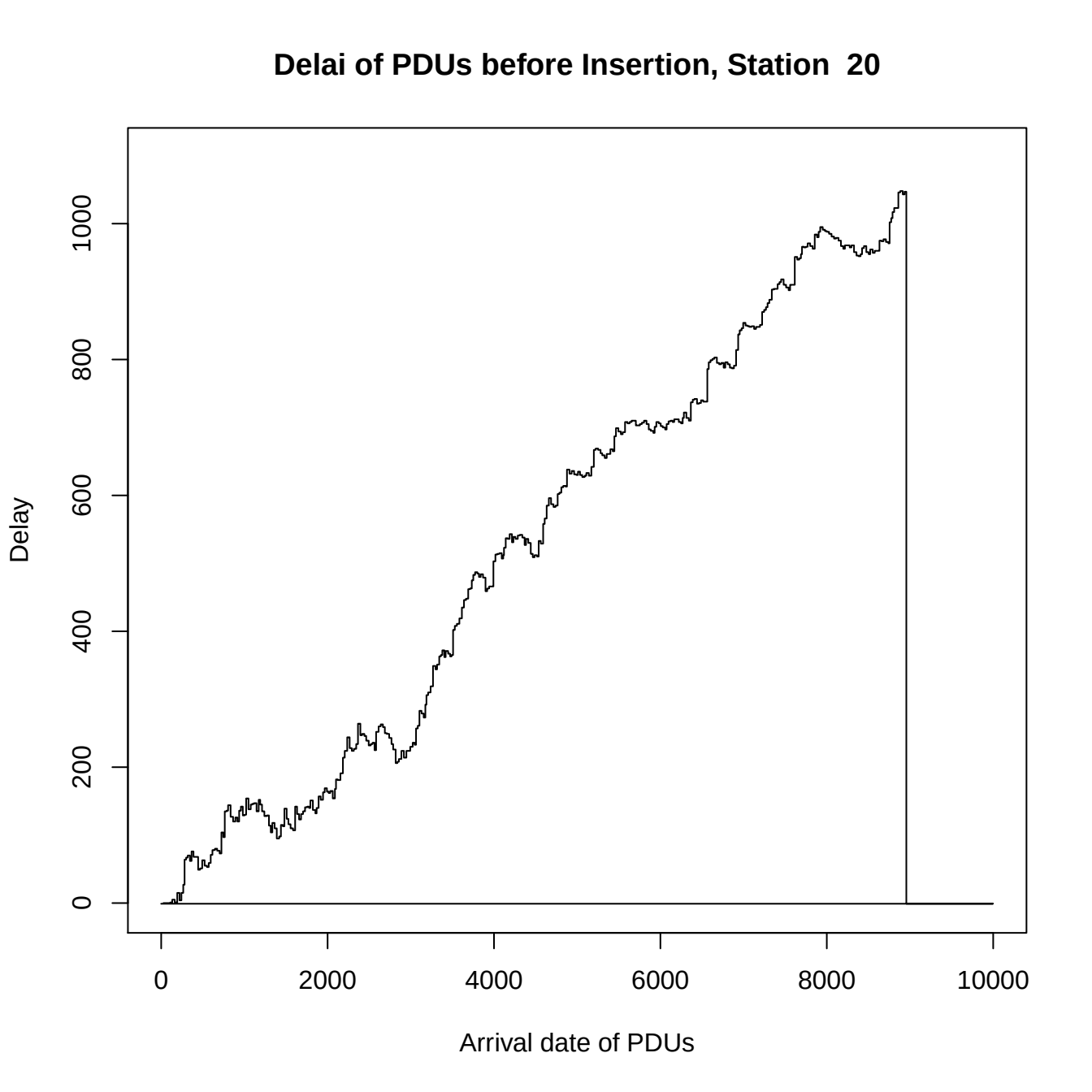

Occurency of time Delay, station 17
Occurency
0
5
10
15
20
0
3
6
9
12
16
20
24
28
32
36
41
46
54
Delay

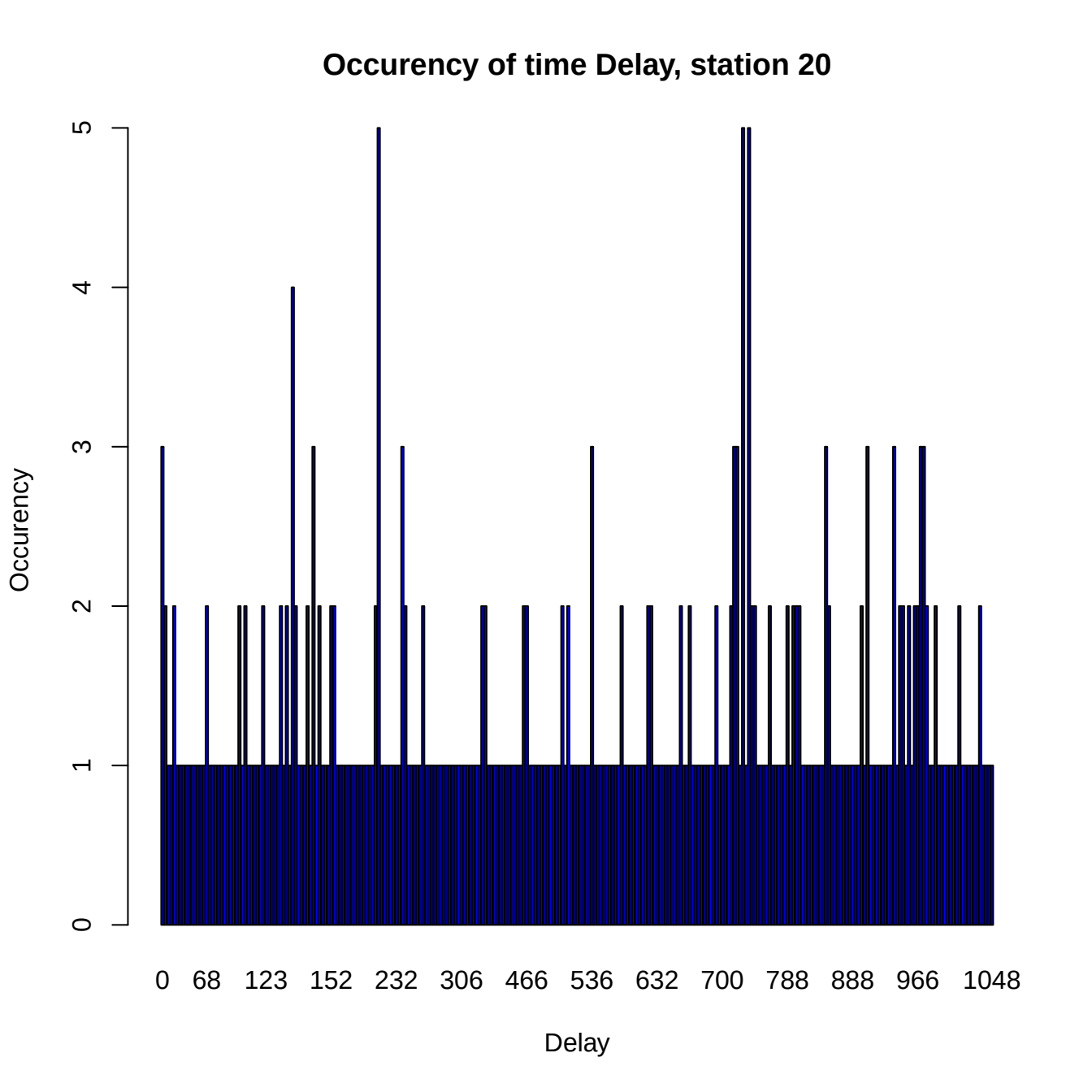

Delai of PDUs before Insertion, Station 18
Delay
0
200
400
600
800
1000
0
2000
4000
6000
8000
10000
Arrival date of PDUs

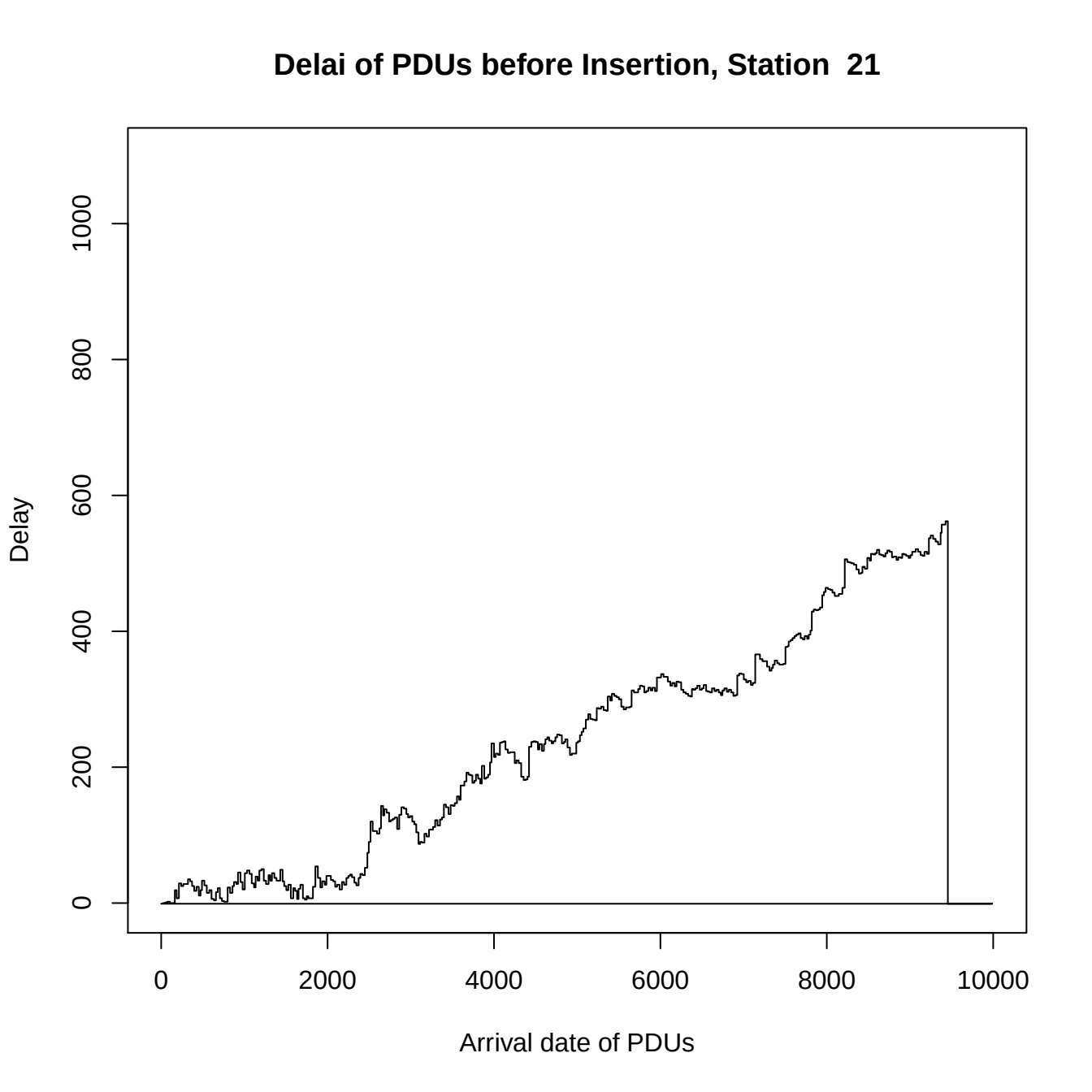

Occurency of time Delay, station 18
Occurency
0
1
2
3
4
5
0
27
105
140
195
231
301
337
380
467
551
598
654
690
Delay

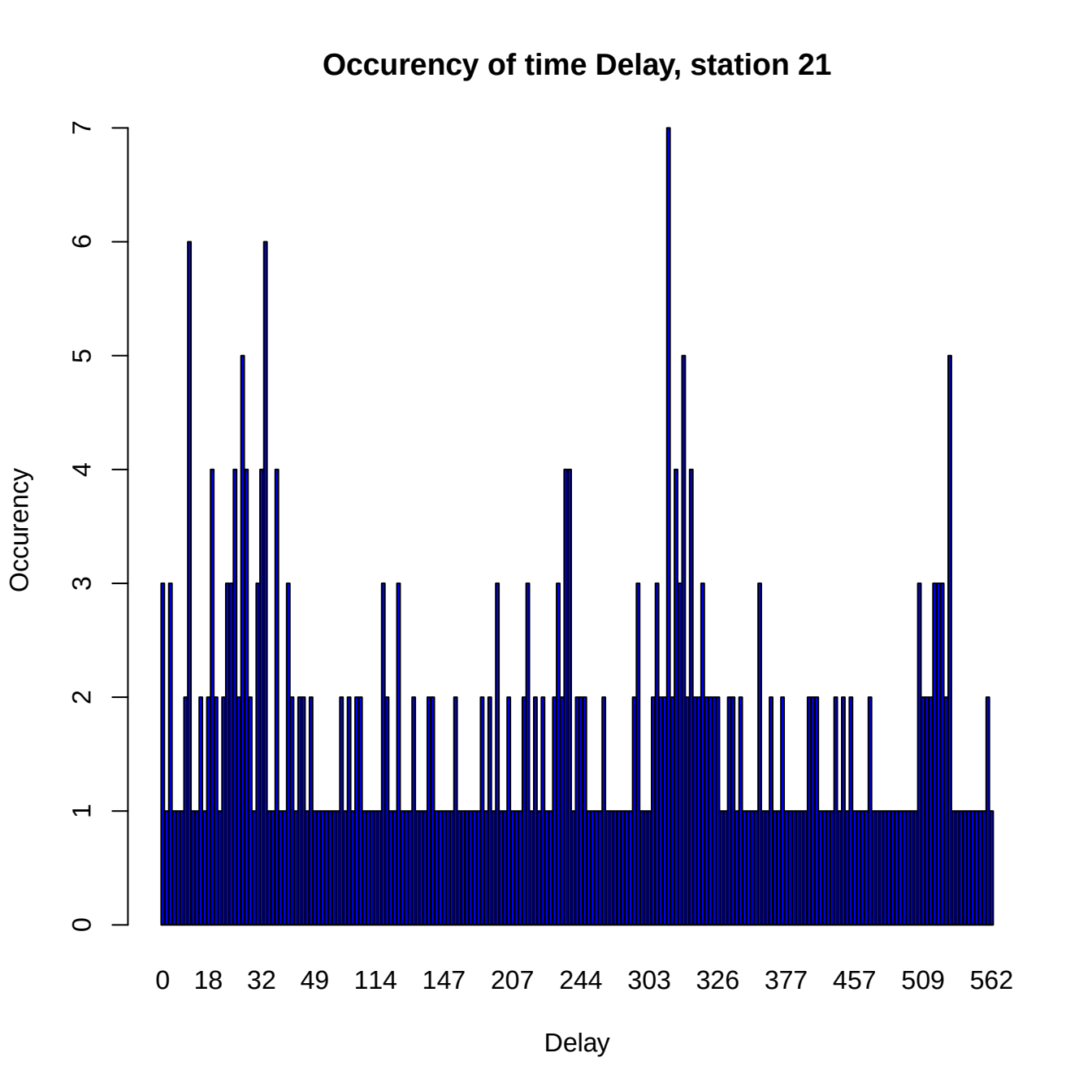

Delai of PDUs before Insertion, Station 19
Delay
0
200
400
600
800
1000
0
2000
4000
6000
8000
10000
Arrival date of PDUs

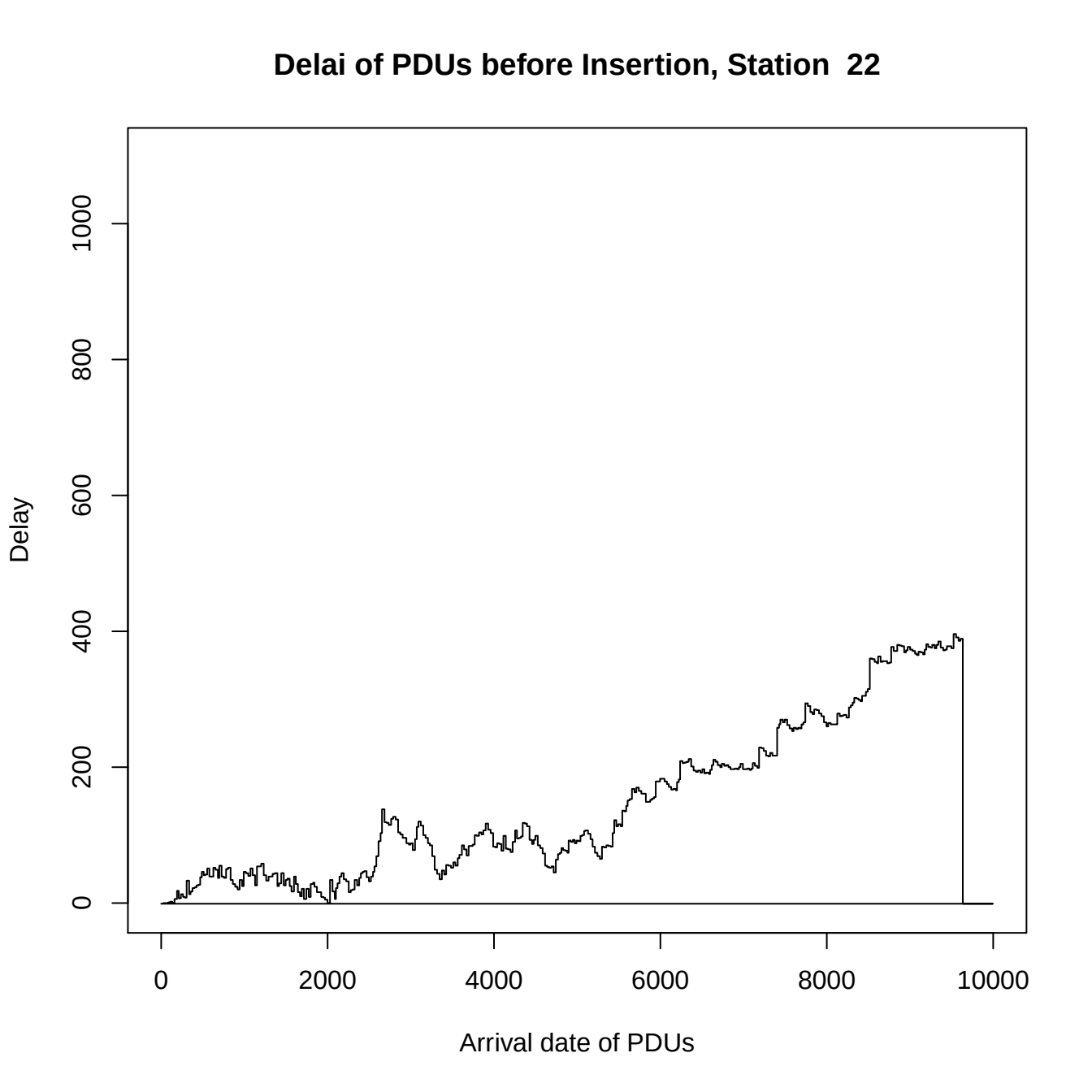

Occurency of time Delay, station 19
Occurency
0
5
10
15
0
4
8
12
17
22
27
33
38
47
53
58
63
70
82
Delay

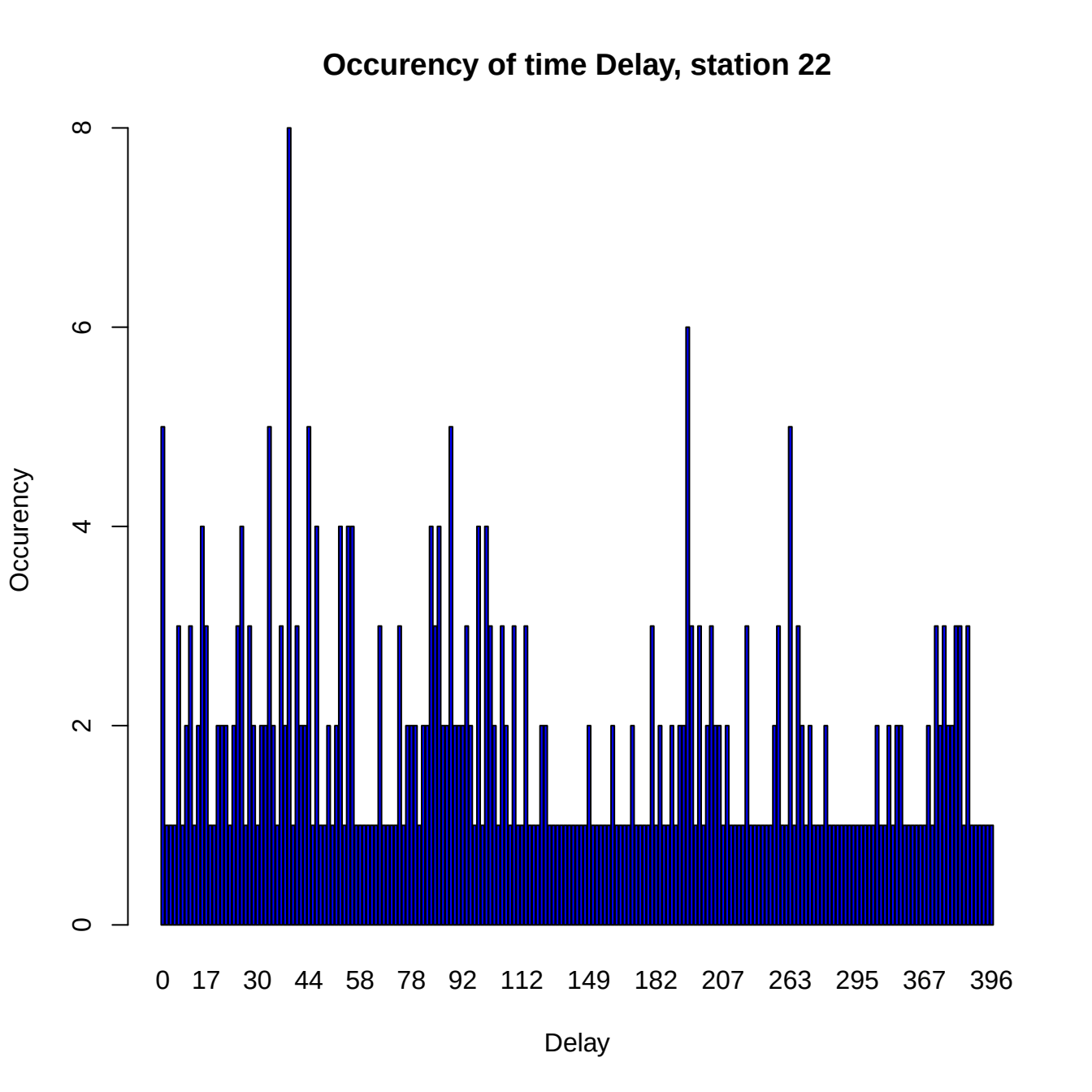

Delai of PDUs before Insertion, Station 20
Delay
0
200
400
600
800
1000
0
2000
4000
6000
8000
10000
Arrival date of PDUs

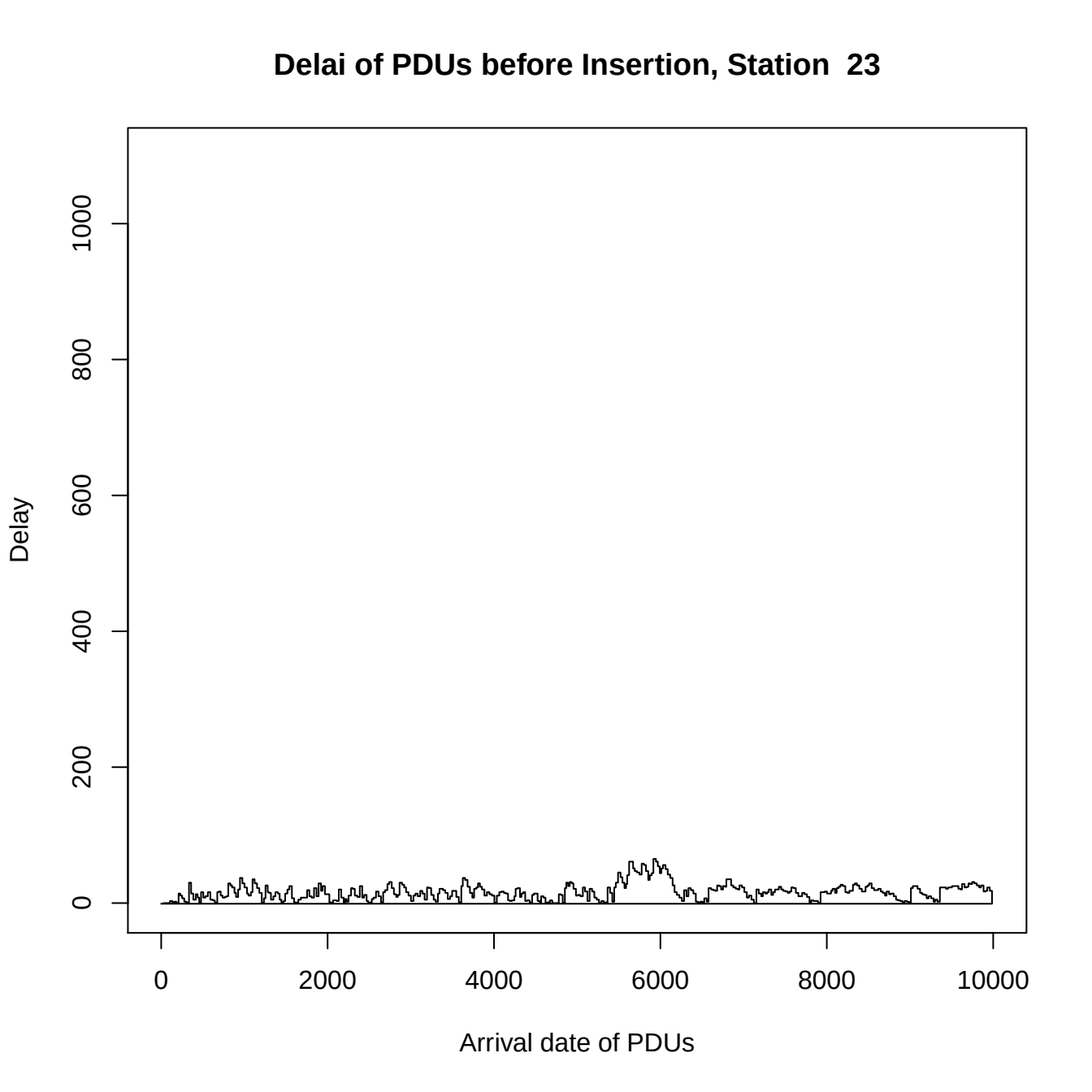

Occurency of time Delay, station 20
Occurency
0
1
2
3
4
5
0
68
123
152
232
306
466
536
632
700
788
888
966
1048
Delay

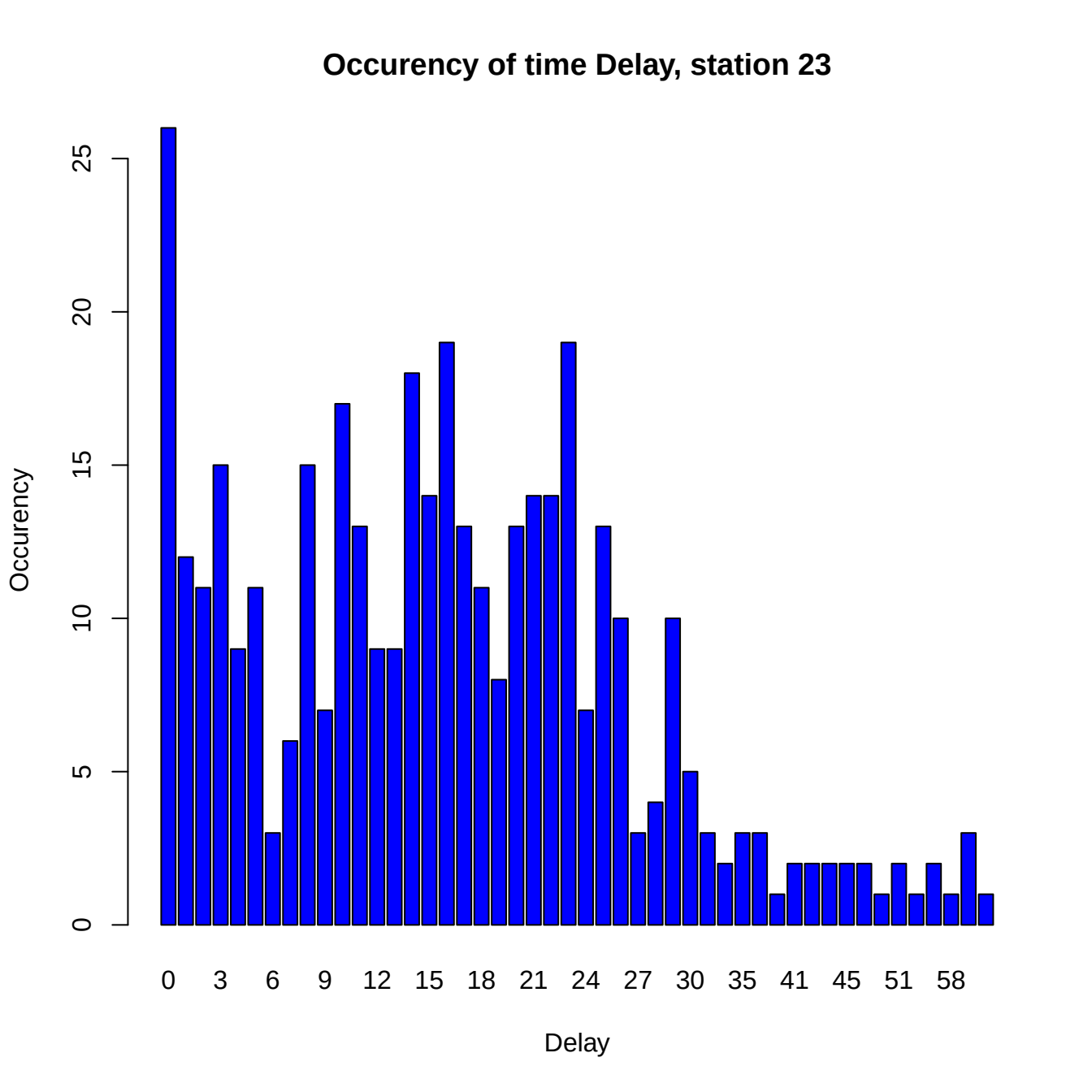

Delai of PDUs before Insertion, Station 21
Delay
0
200
400
600
800
1000
0
2000
4000
6000
8000
10000
Arrival date of PDUs

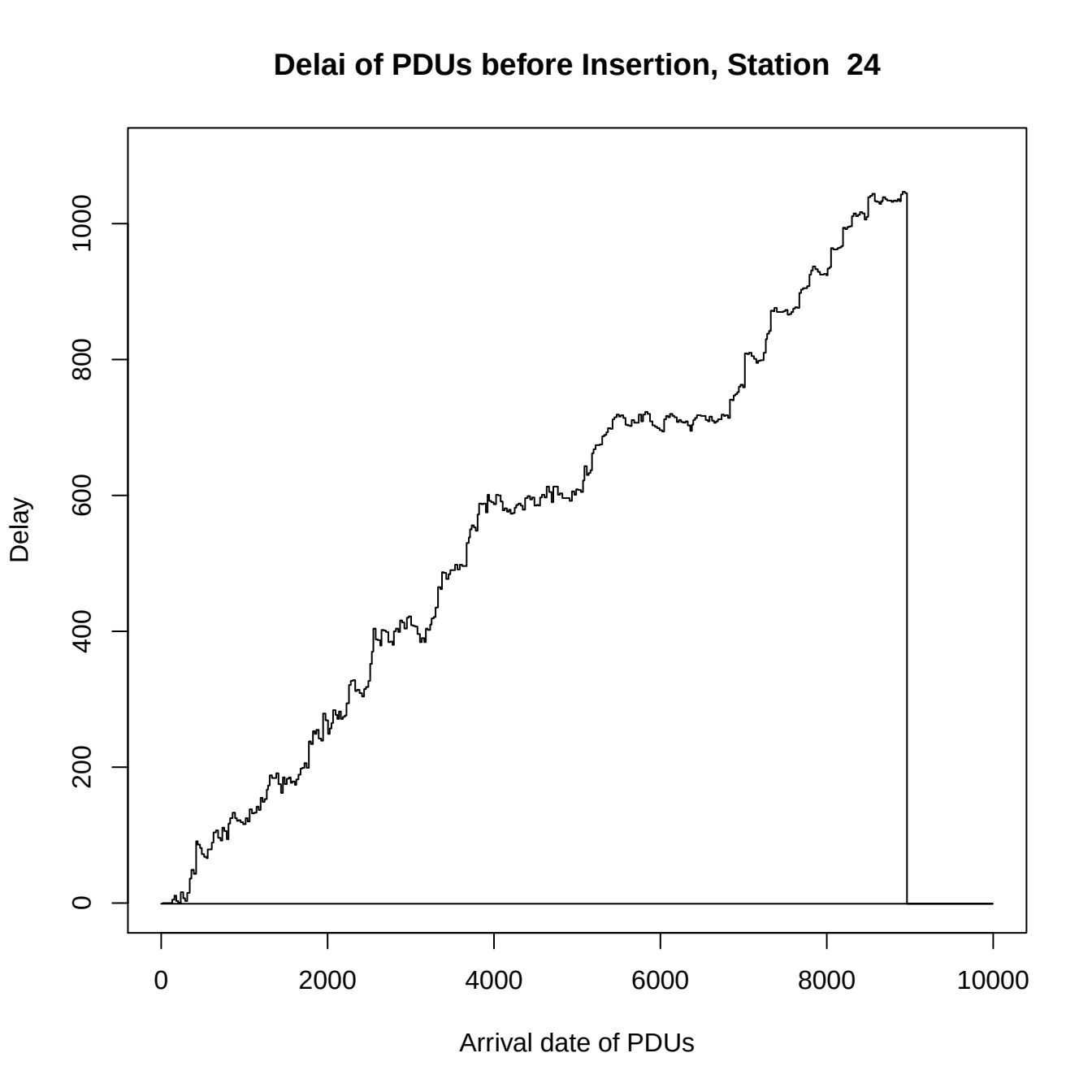

Occurency of time Delay, station 21
Occurency
0
1
2
3
4
5
6
7
0
18
32
49
114
147
207
244
303
326
377
457
509
562
Delay

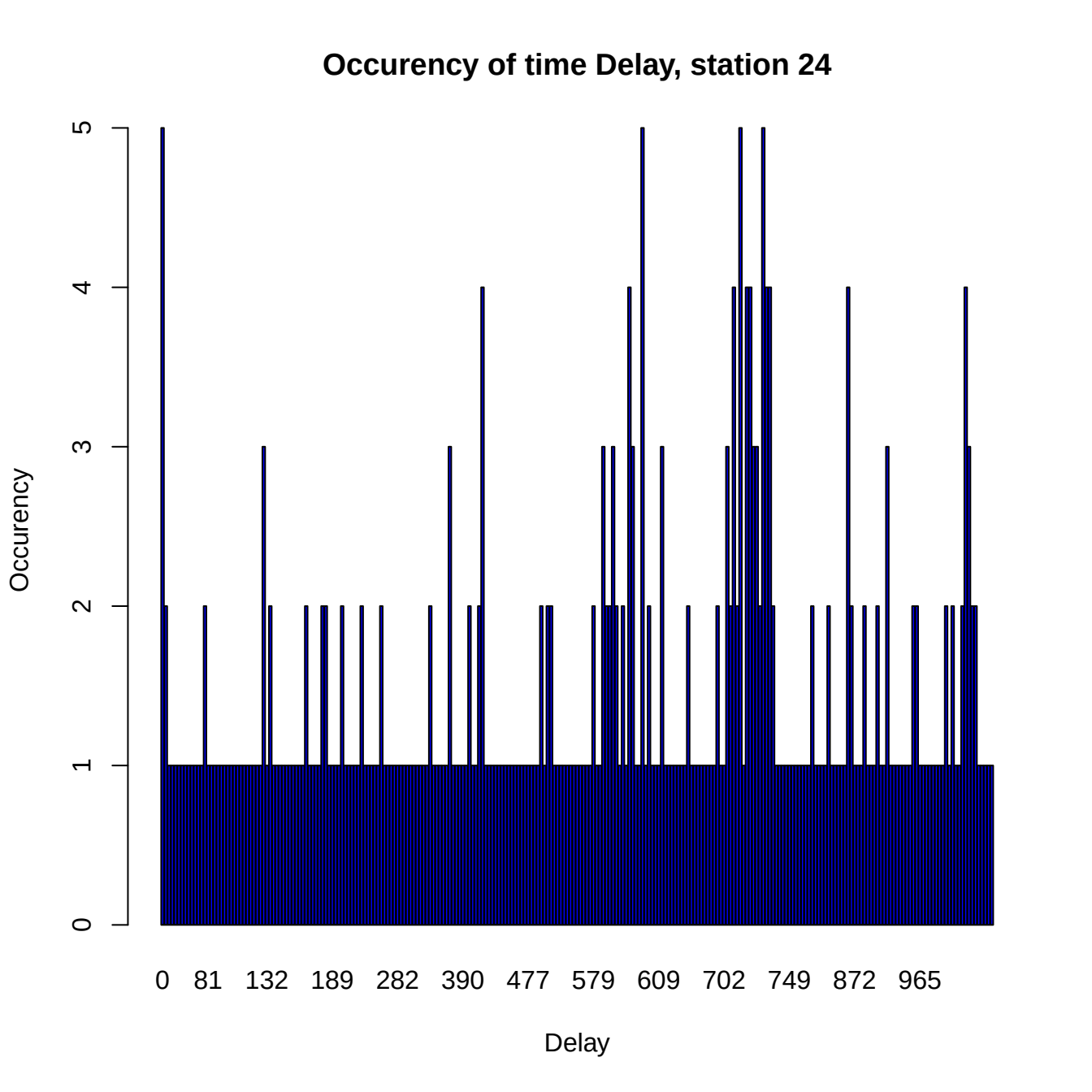

Delai of PDUs before Insertion, Station 22
Delay
0
200
400
600
800
1000
0
2000
4000
6000
8000
10000
Arrival date of PDUs

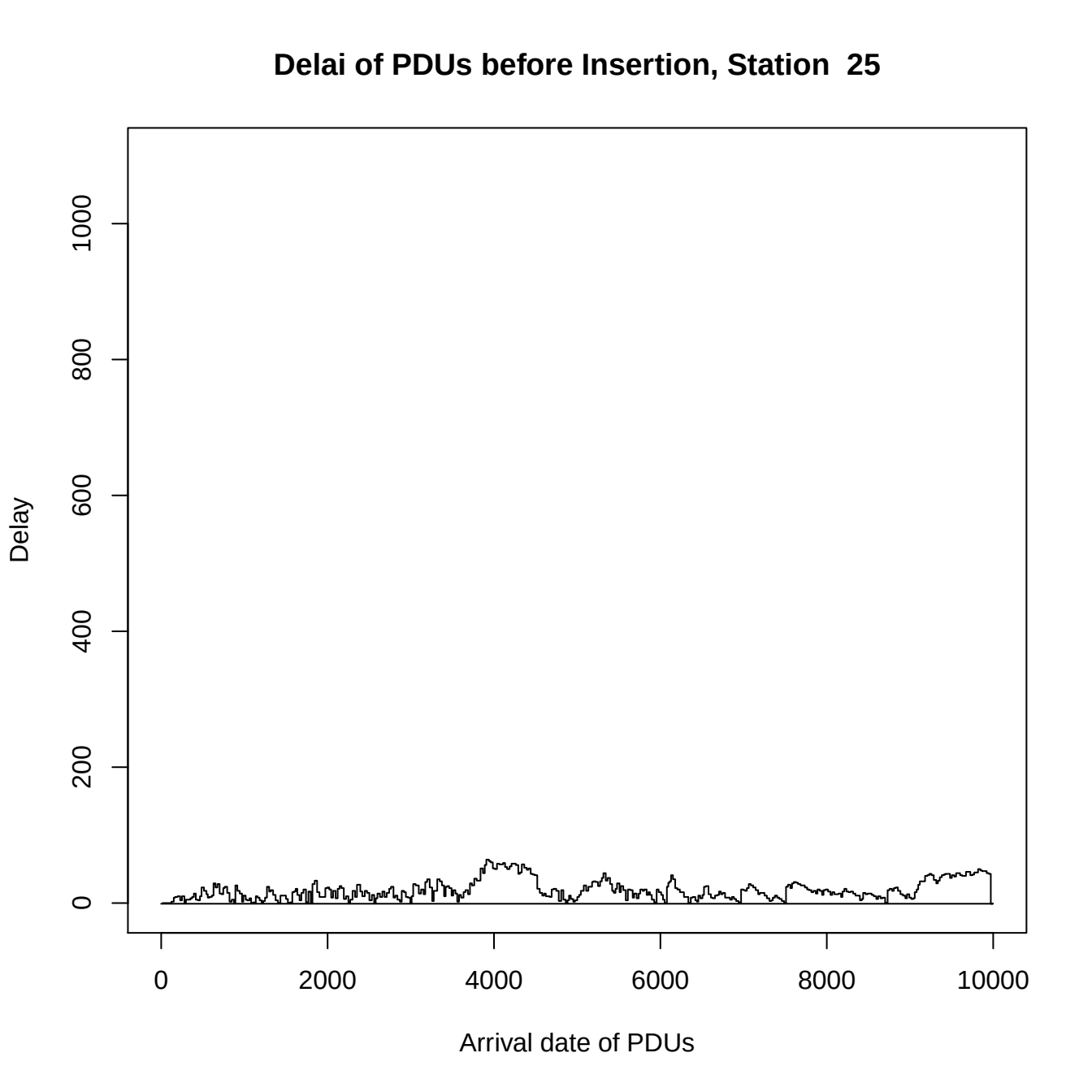

Occurency of time Delay, station 22
Occurency
0
2
4
6
8
0
17
30
44
58
78
92
112
149
182
207
263
295
367
396
Delay

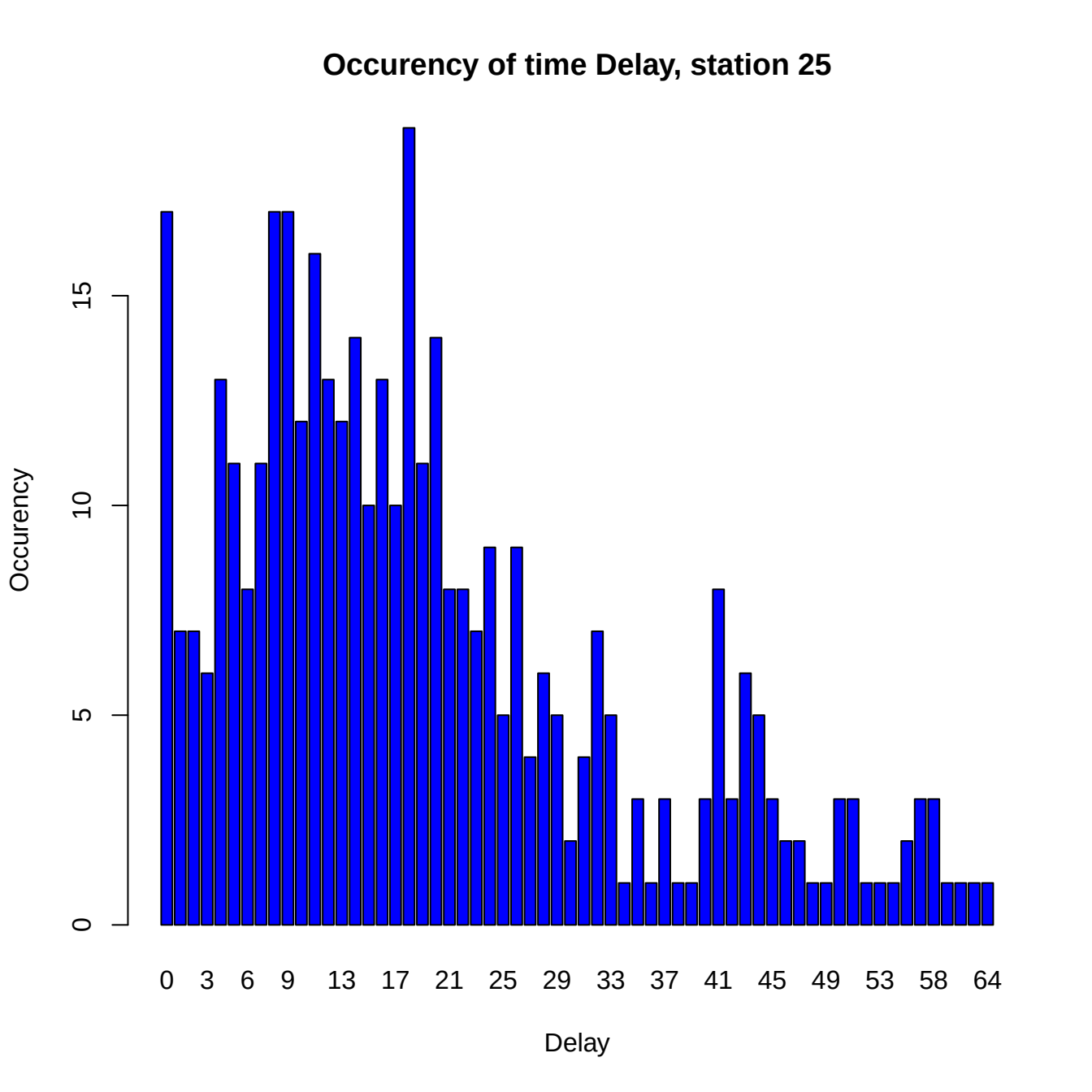

Delai of PDUs before Insertion, Station 23
Delay
0
200
400
600
800
1000
0
2000
4000
6000
8000
10000
Arrival date of PDUs

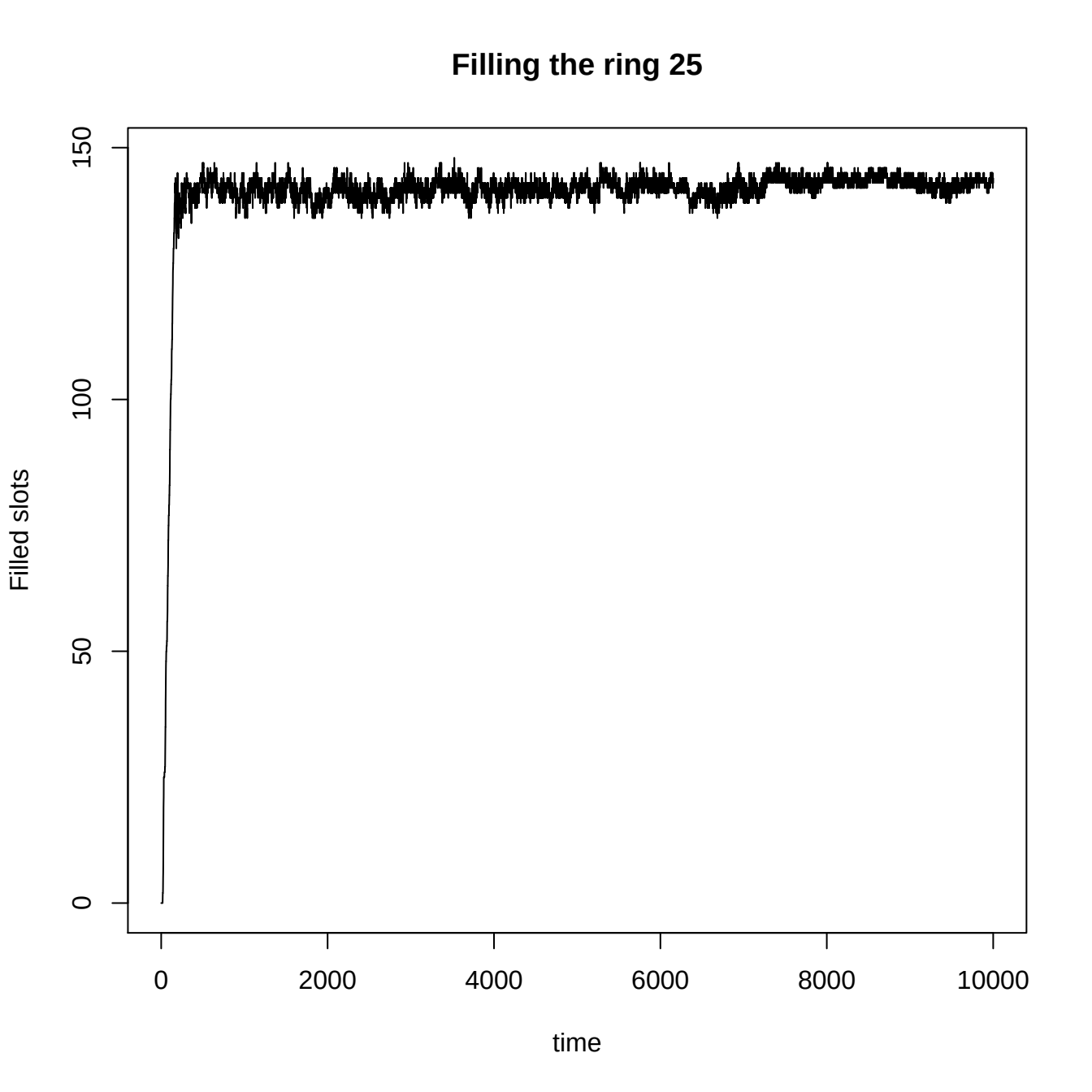

Occurency of time Delay, station 23
Occurency
0
5
10
15
20
25
0
3
6
9
12
15
18
21
24
27
30
35
41
45
51
58
Delay


Delai of PDUs before Insertion, Station 24
Delay
0
200
400
600
800
1000
0
2000
4000
6000
8000
10000
Arrival date of PDUs


Occurency of time Delay, station 24
Occurency
0
1
2
3
4
5
0
81
132
189
282
390
477
579
609
702
749
872
965
Delay


Delai of PDUs before Insertion, Station 25
Delay
0
200
400
600
800
1000
0
2000
4000
6000
8000
10000
Arrival date of PDUs


Occurency of time Delay, station 25
Occurency
0
5
10
15
0
3
6
9
13
17
21
25
29
33
37
41
45
49
53
58
64
Delay


Filling the ring 25
Filled slots
0
50
100
150
0
2000
4000
6000
8000
10000
time