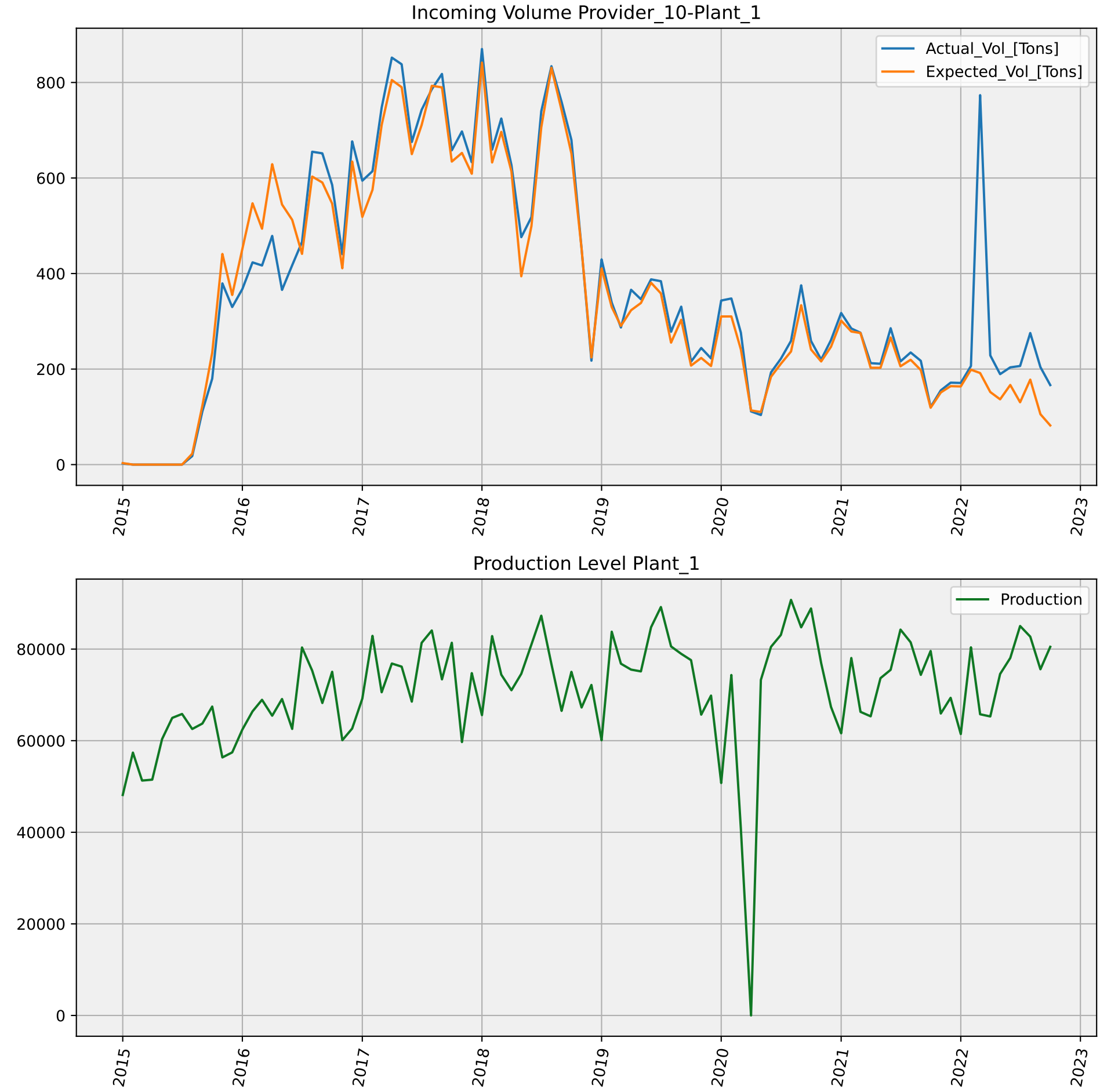
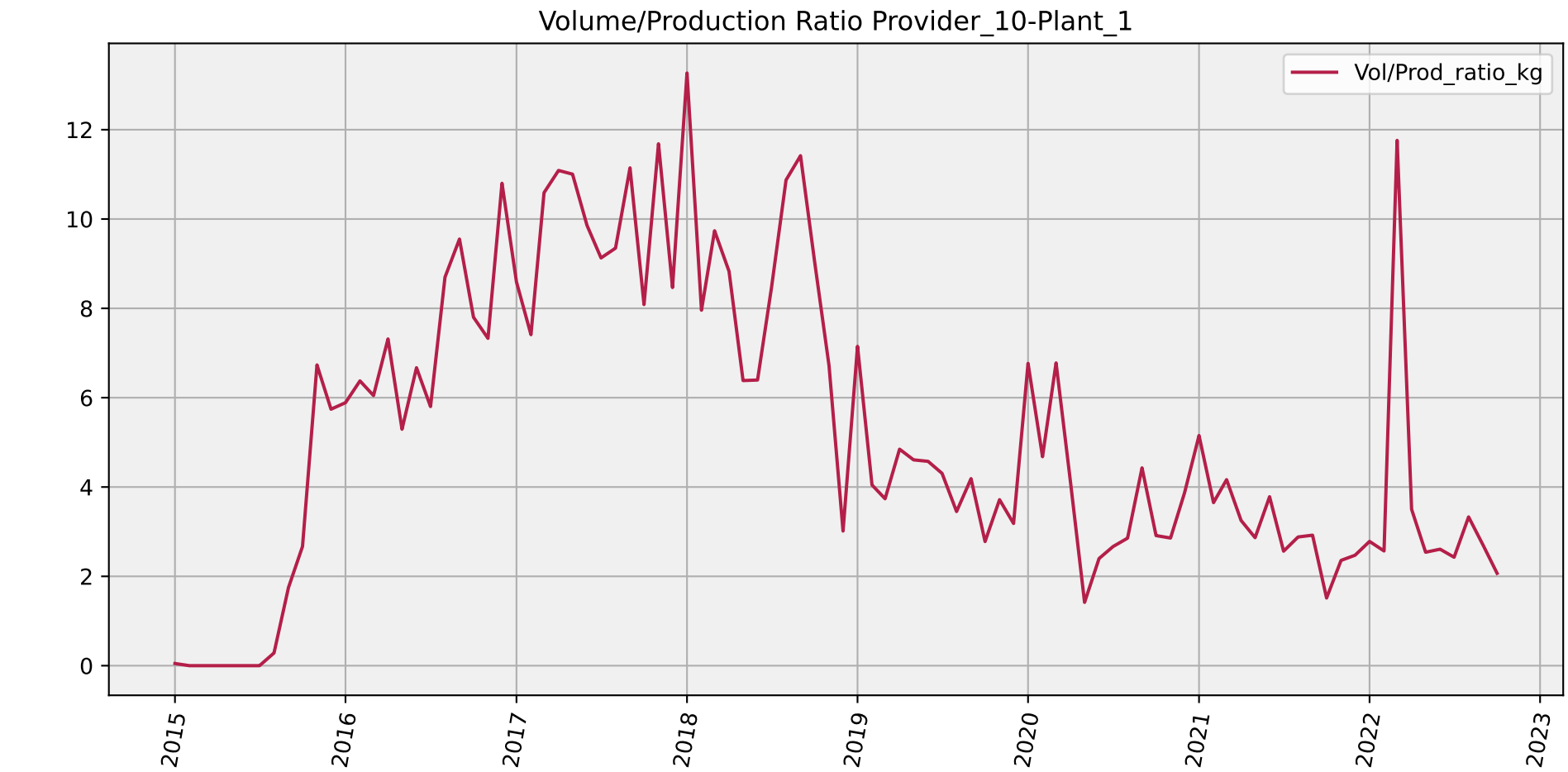
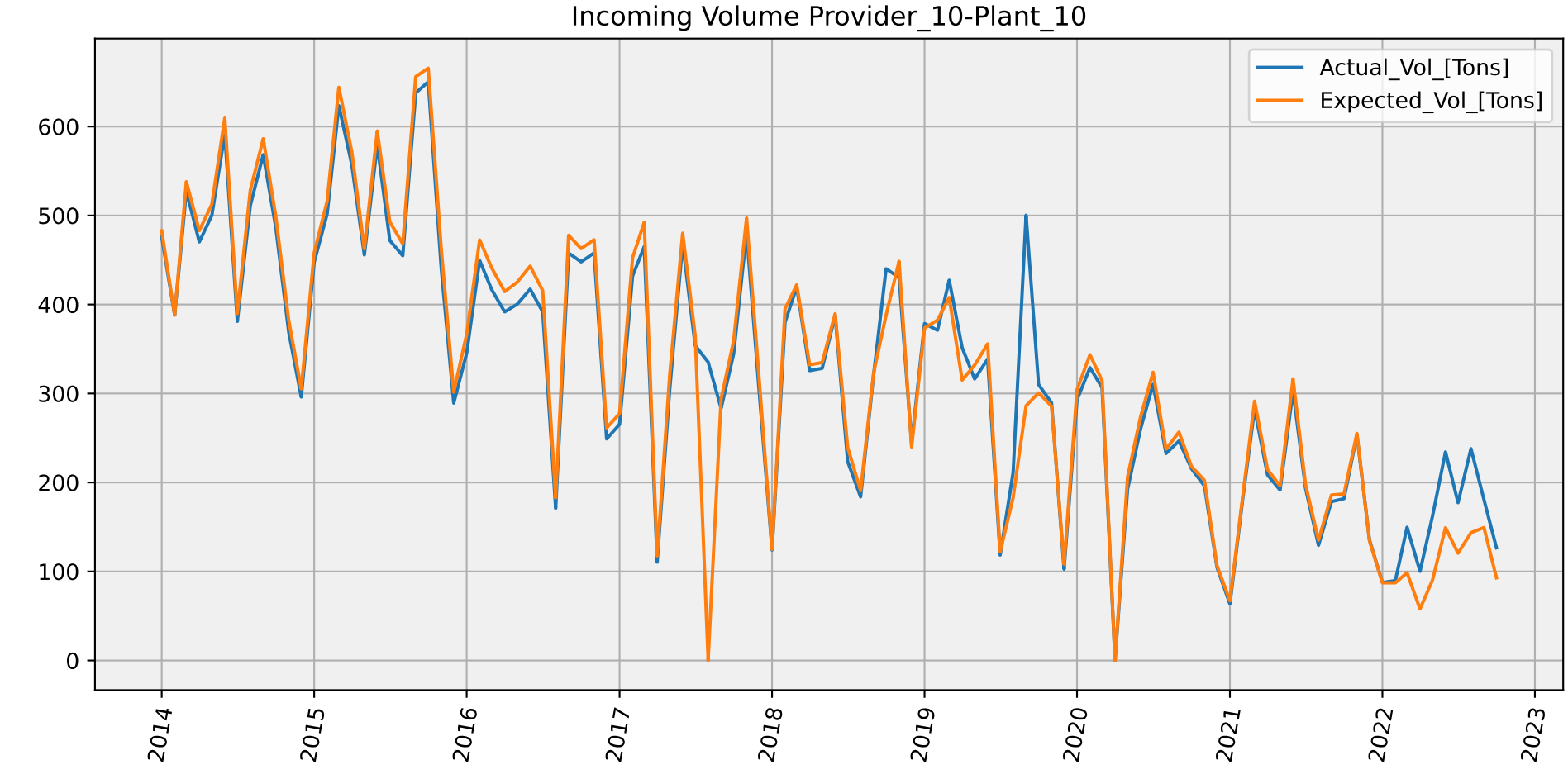
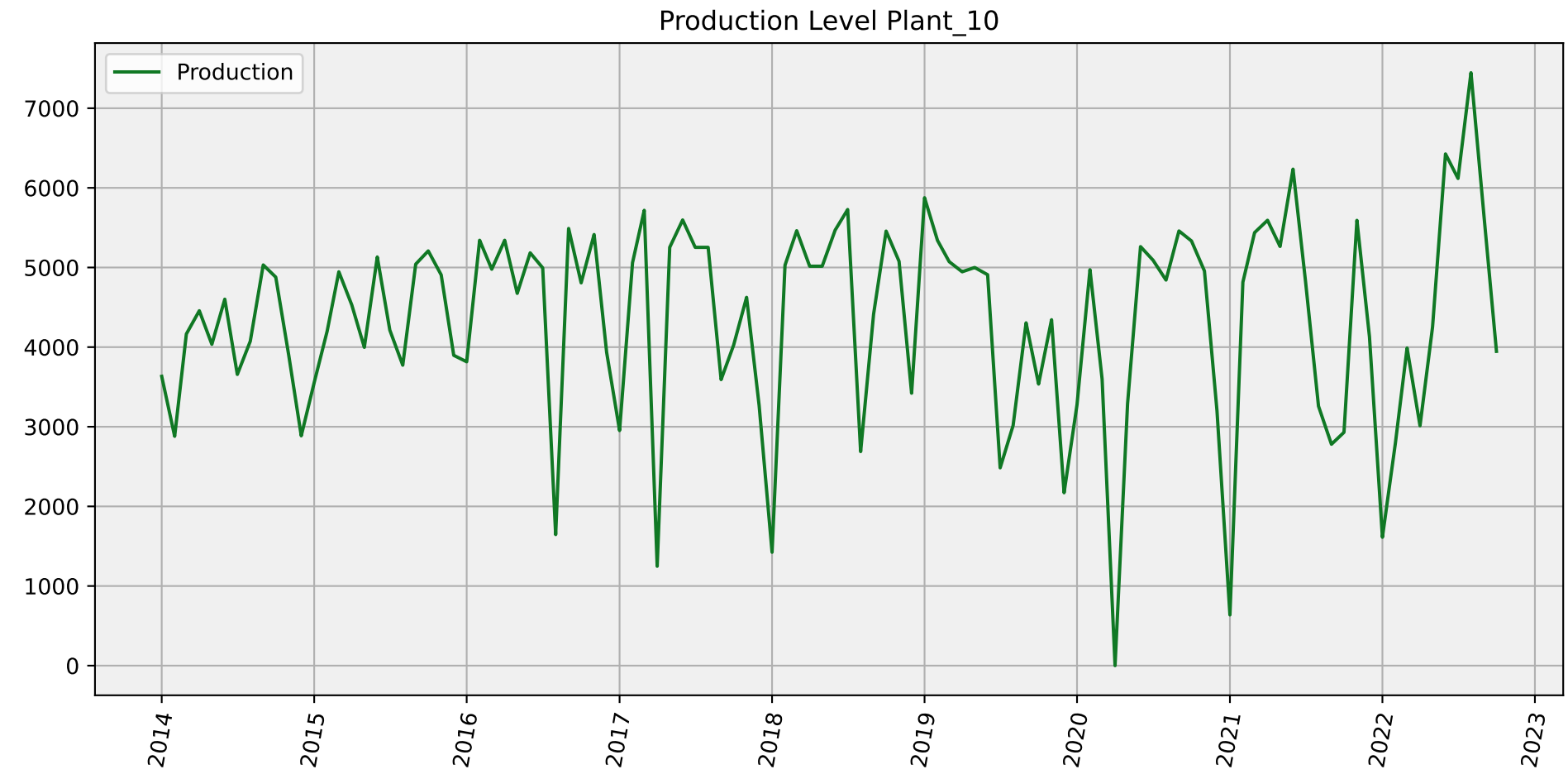
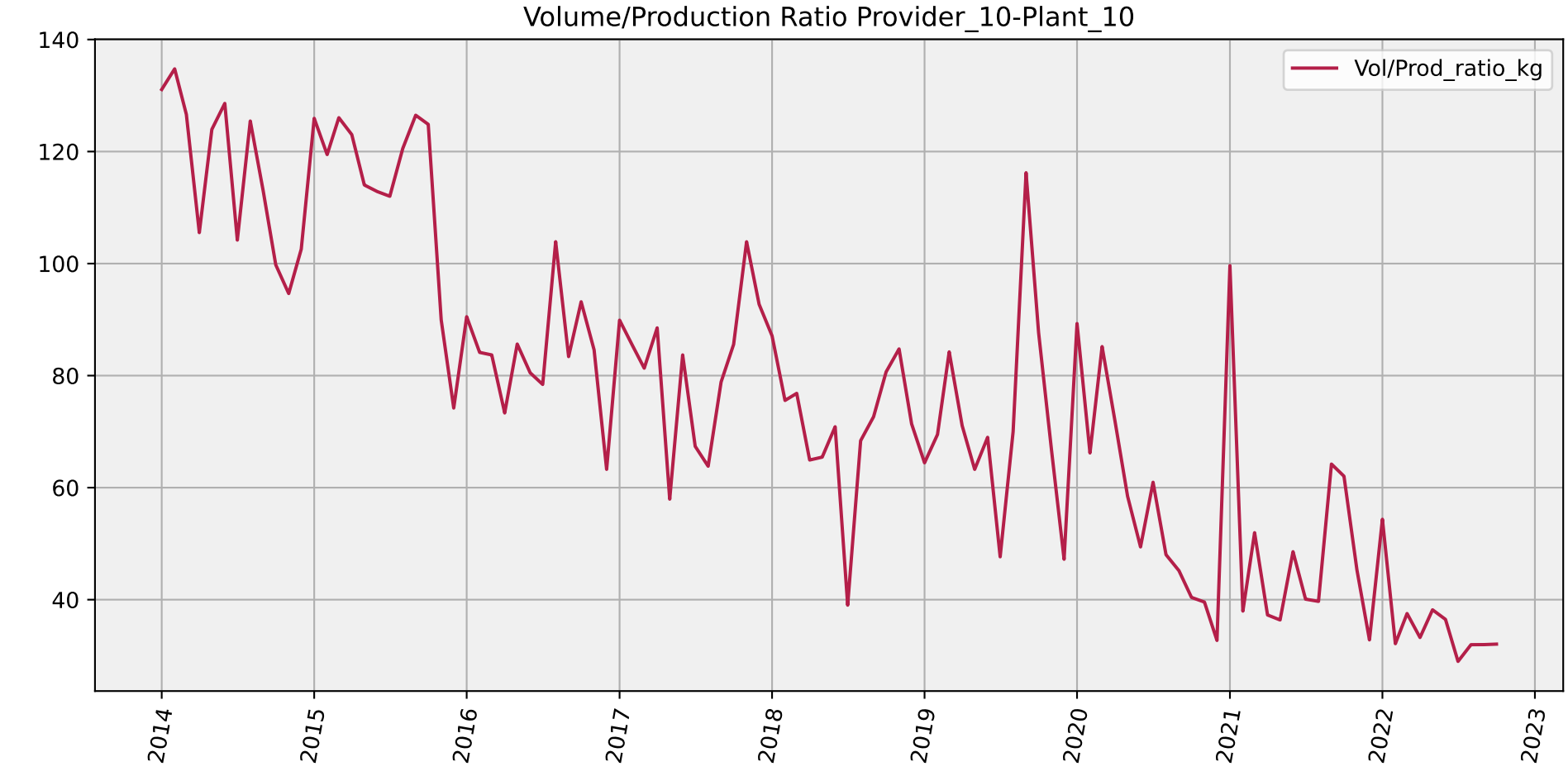

Incoming Volume Provider_10-Plant_1
Actual_Vol_[Tons]
Expected_Vol_[Tons]
800
600
400
200
0
2015
2016
2017
2018
2019
2020
2021
2022
2023

Production Level Plant_1
Production
80000
60000
40000
20000
0
2015
2016
2017
2018
2019
2020
2021
2022
2023

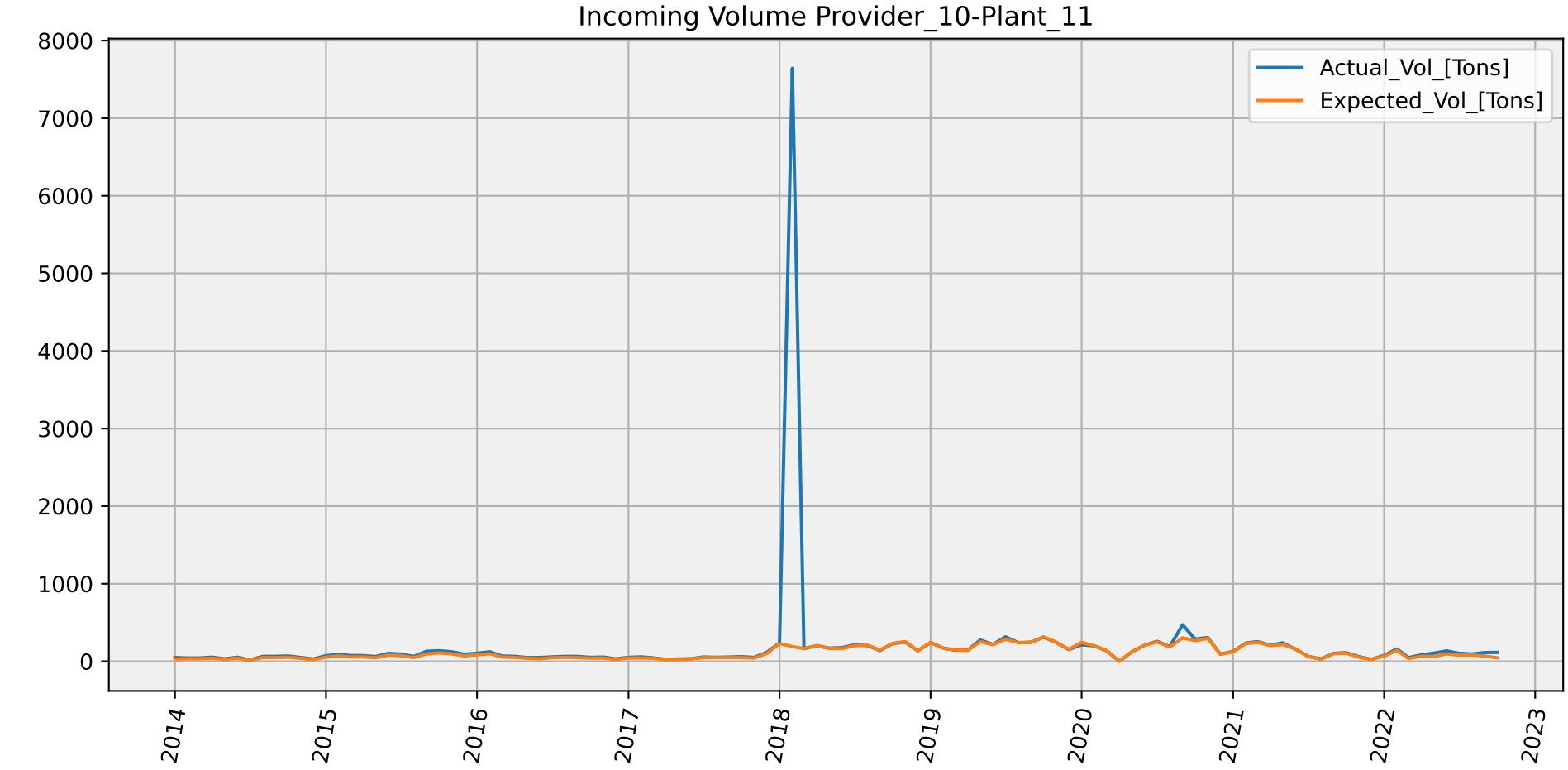

Volume/Production Ratio Provider_10-Plant_1
Vol/Prod_ratio_kg
12
10
8
6
4
2
0
2015
2016
2017
2018
2019
2020
2021
2022
2023


Incoming Volume Provider_10-Plant_10
Actual_Vol_[Tons]
Expected_Vol_[Tons]
600
500
400
300
200
100
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

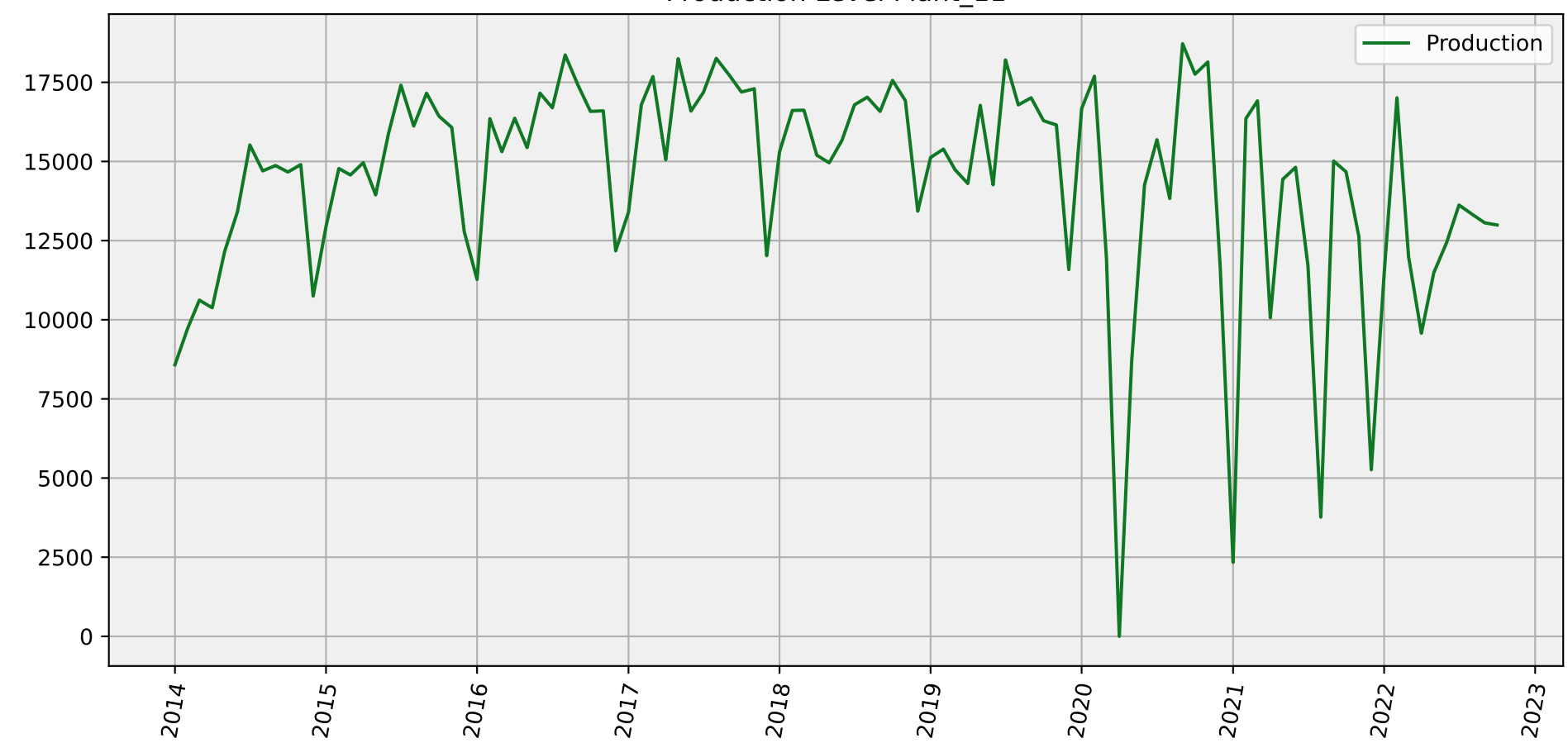

Production Level Plant_10
Production
7000
6000
5000
4000
3000
2000
1000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_10-Plant_10
Vol/Prod_ratio_kg
140
120
100
80
60
40
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

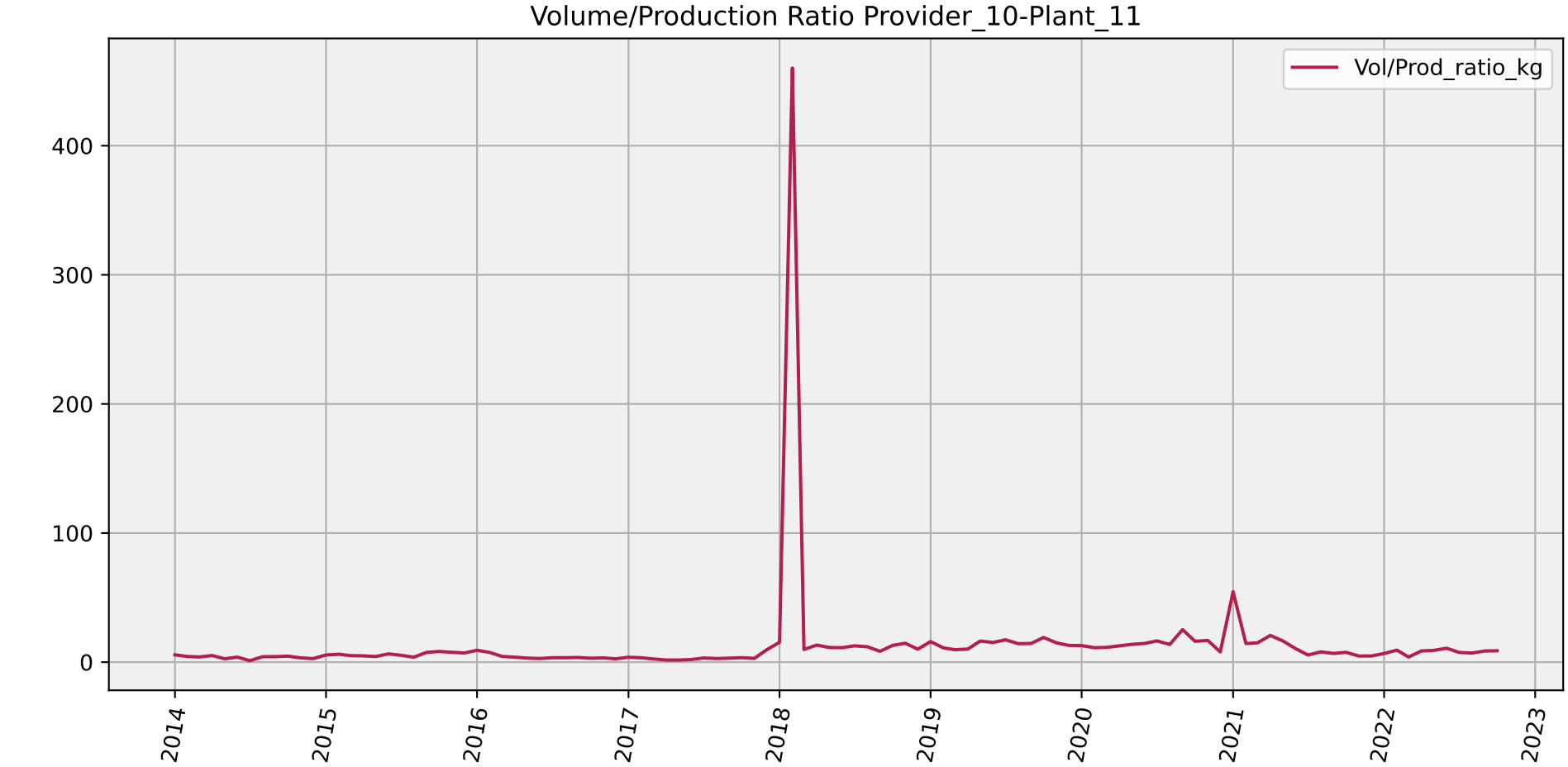
Incoming Volume Provider_10-Plant_11

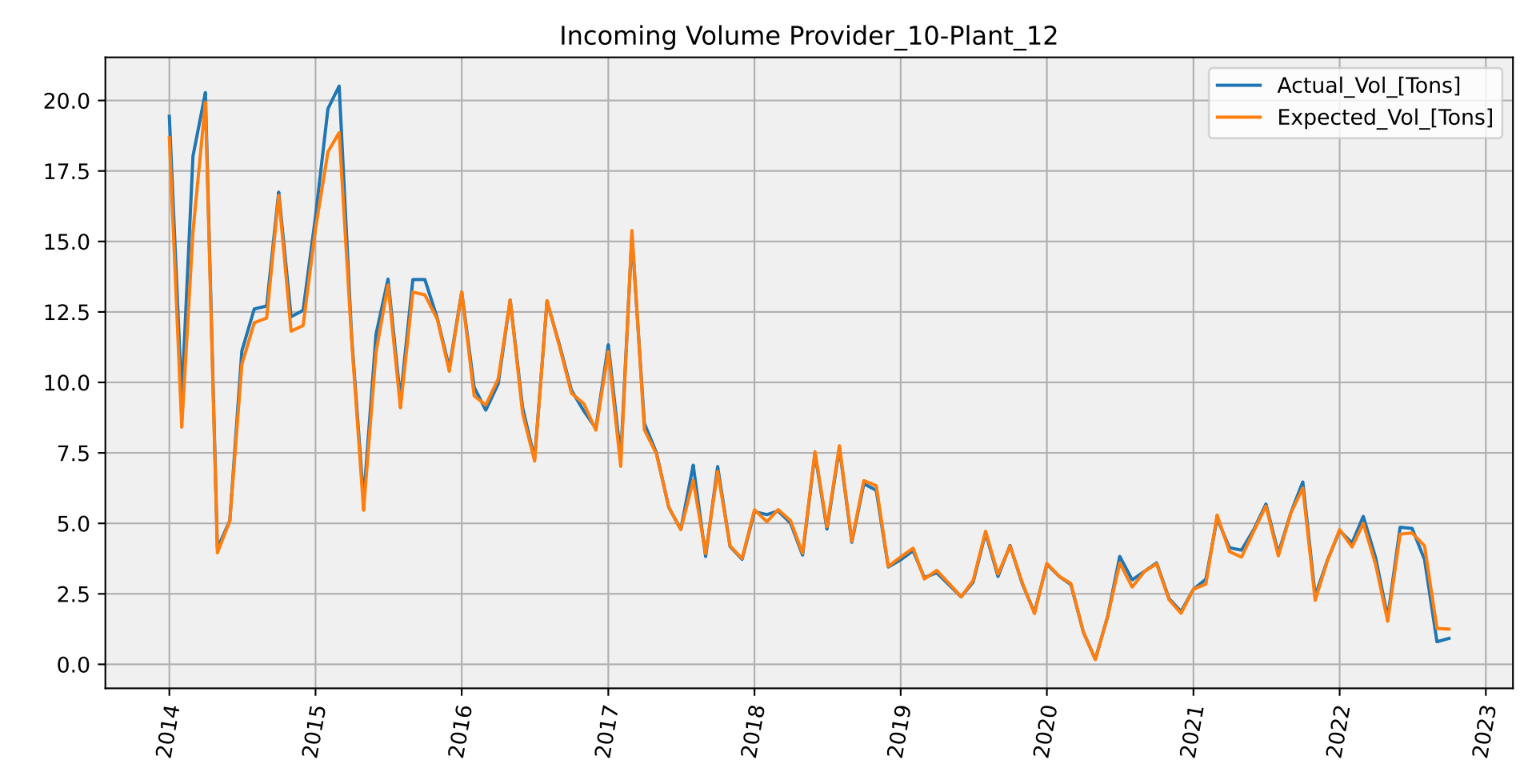


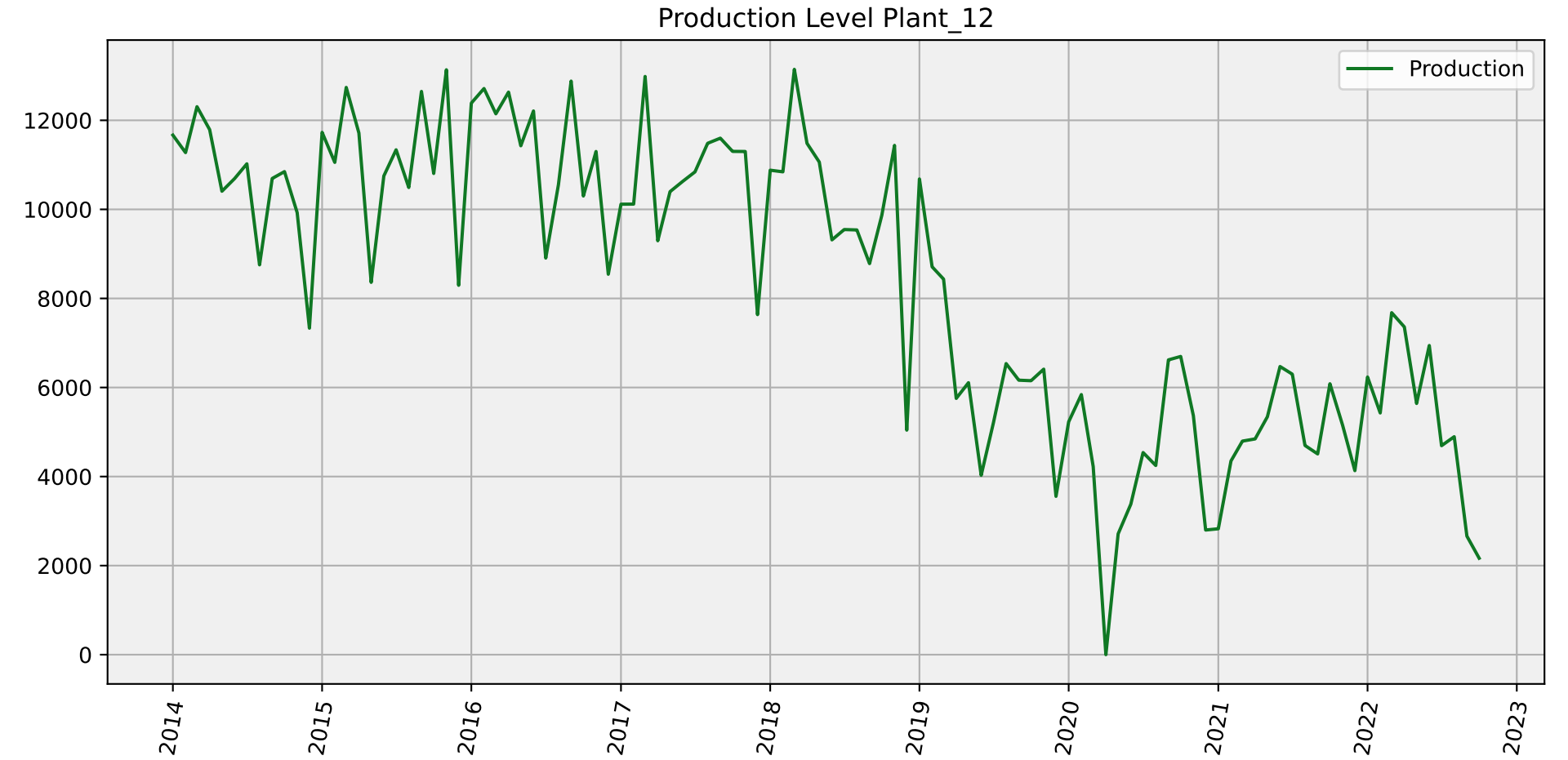
Production Level Plant_11

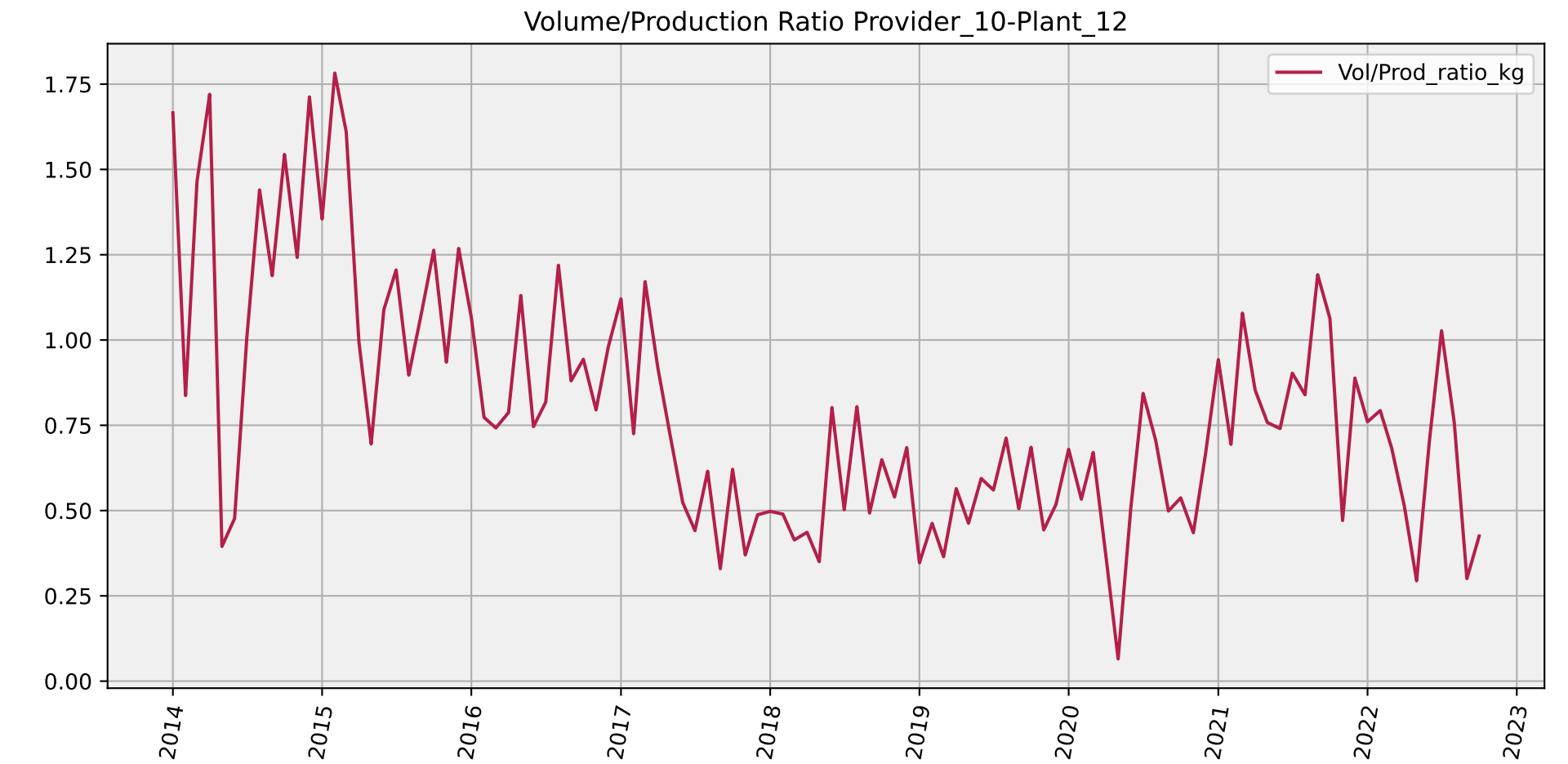


Volume/Production Ratio Provider_10-Plant_11

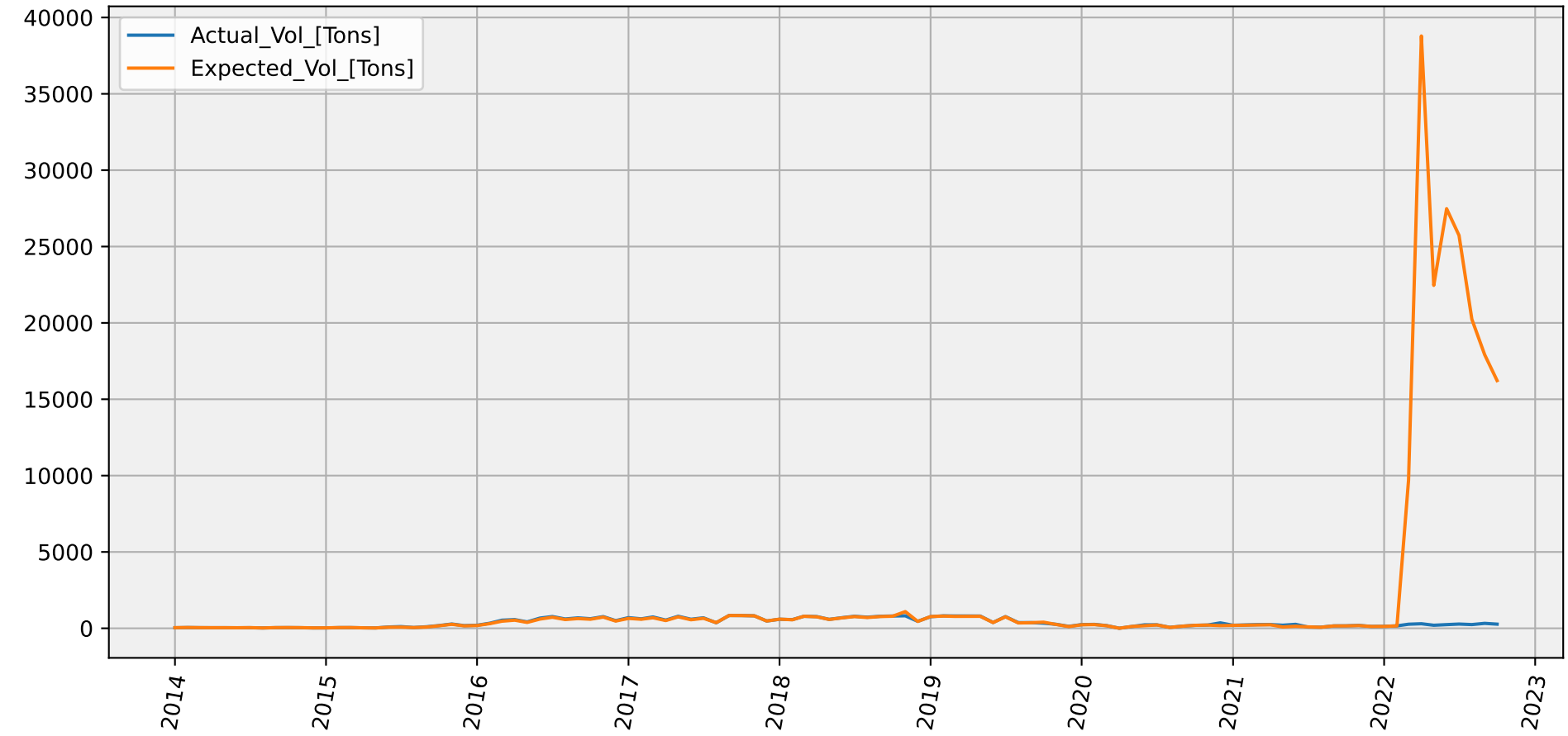



Incoming Volume Provider_10-Plant_12
Actual_Vol_[Tons]
Expected_Vol_[Tons]
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

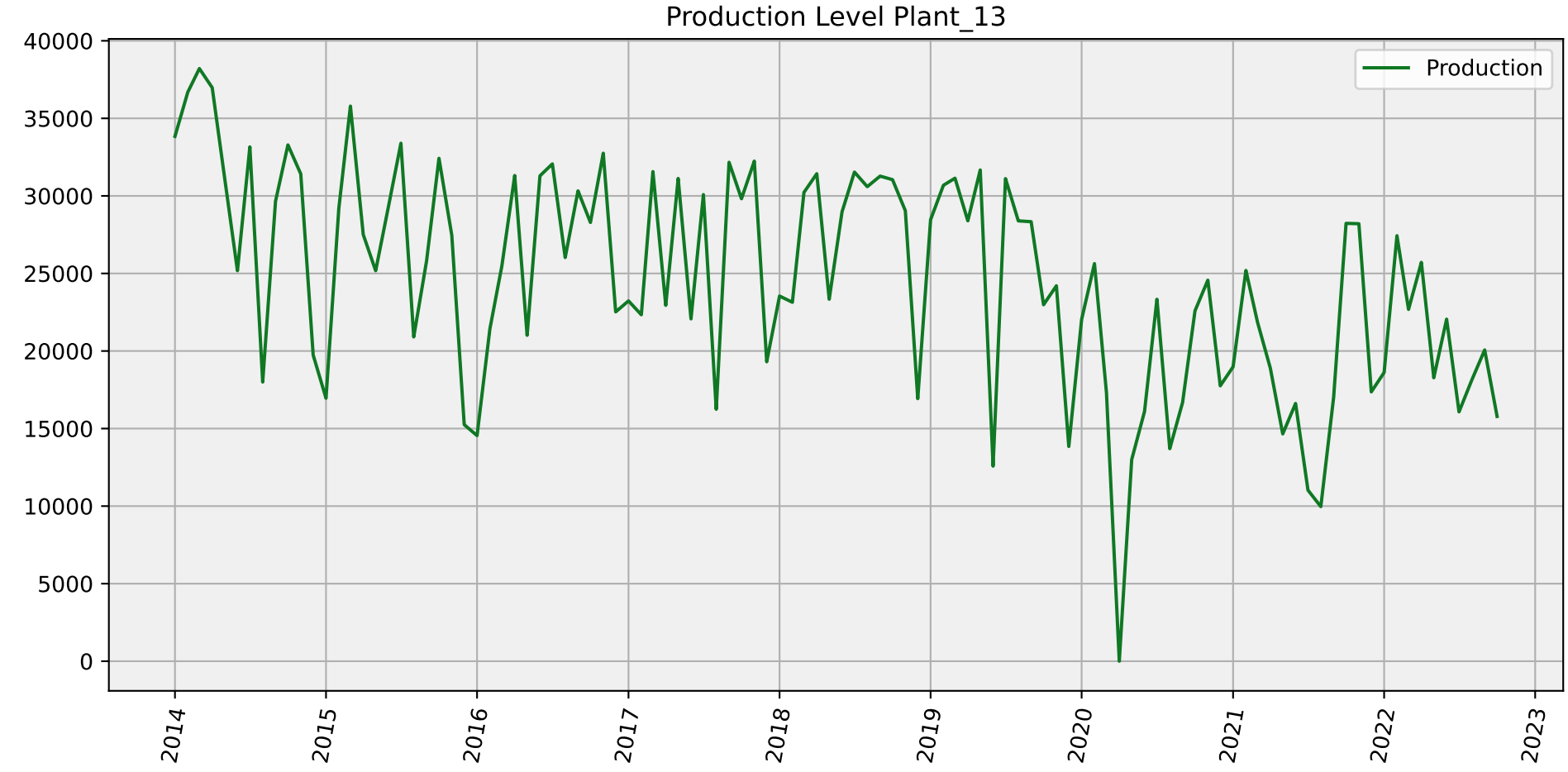

Production Level Plant_12
Production
12000
10000
8000
6000
4000
2000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_10-Plant_12
Vol/Prod_ratio_kg
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

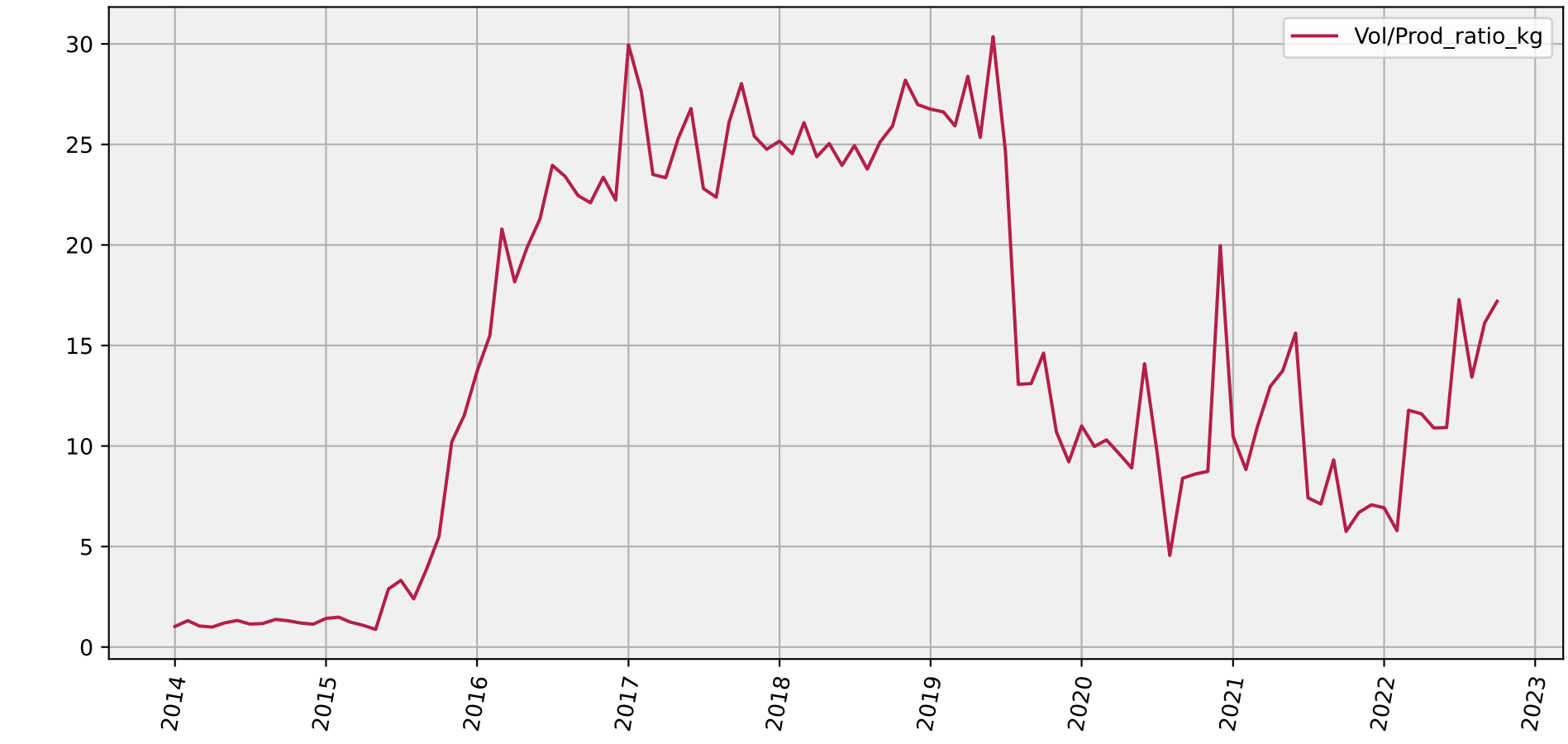
Incoming Volume Provider_10-Plant_13



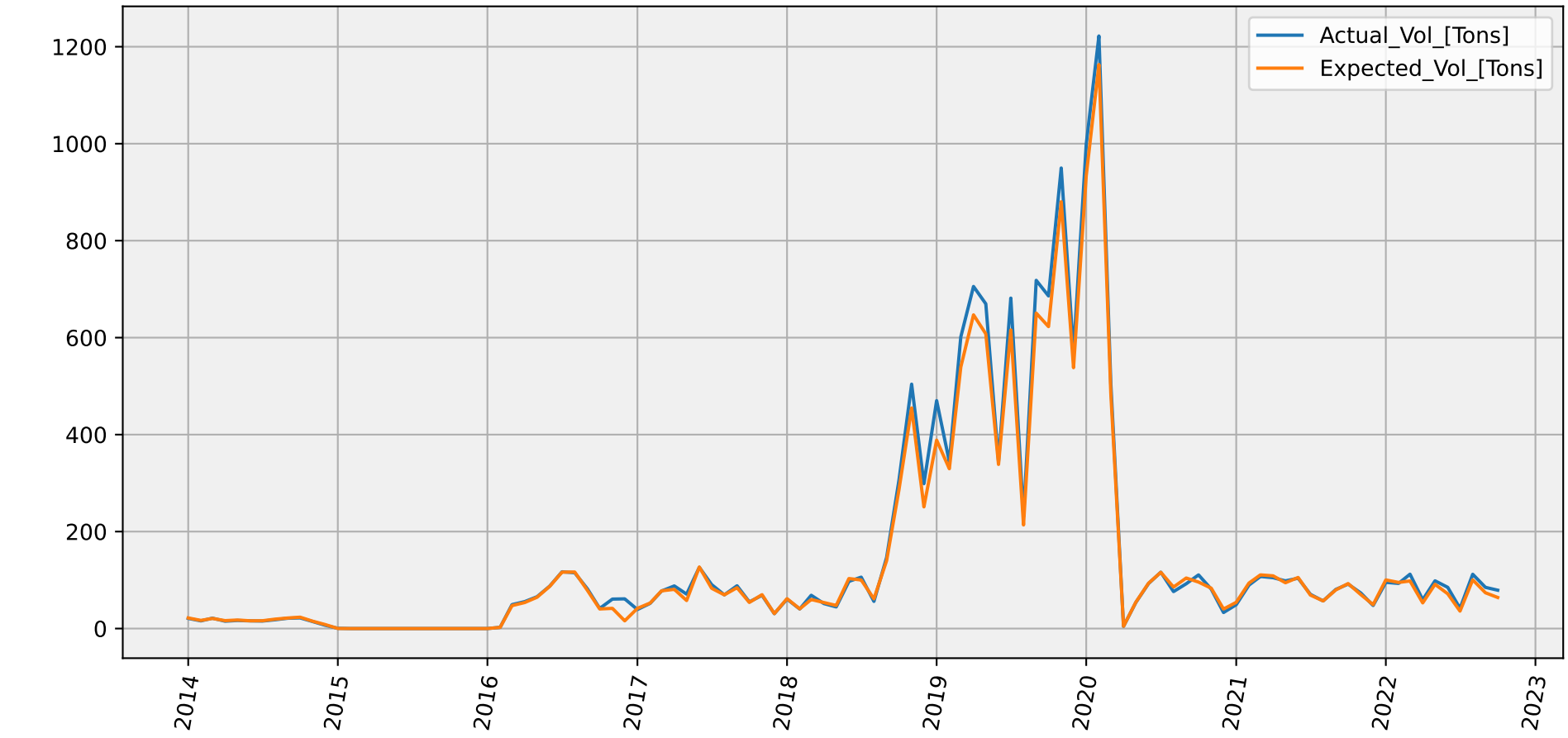
Production Level Plant_13



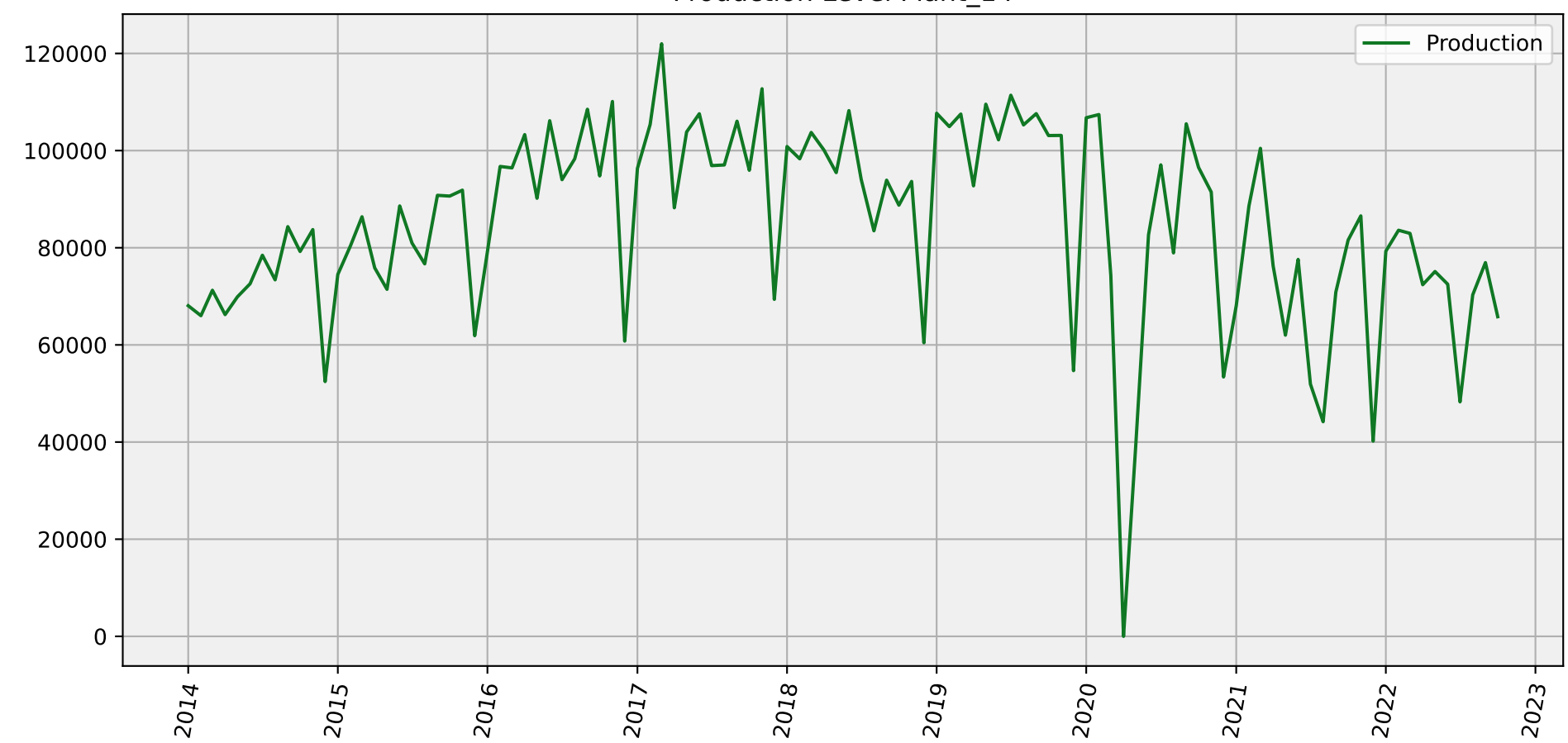
Volume/Production Ratio Provider_10-Plant_13



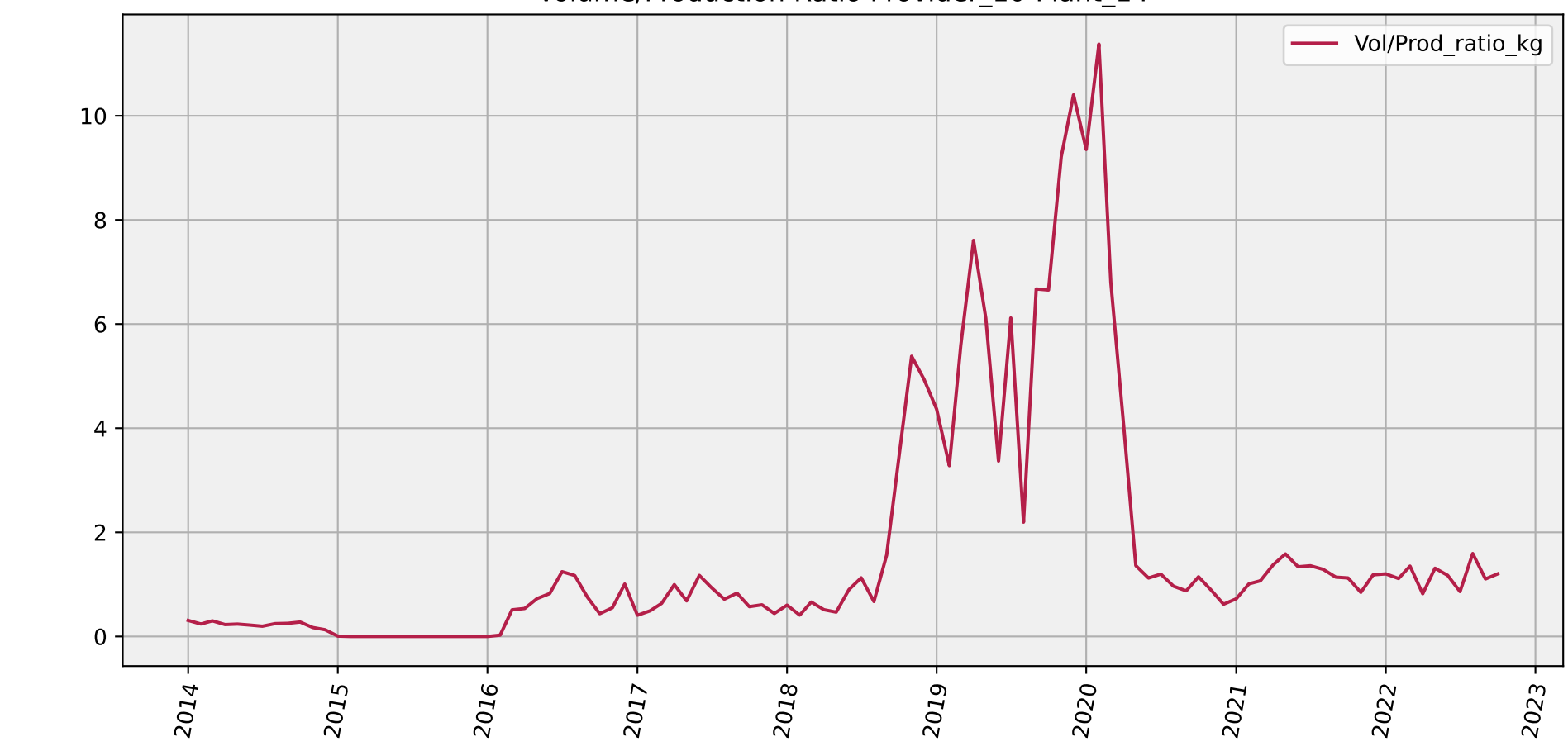
Incoming Volume Provider_10-Plant_14

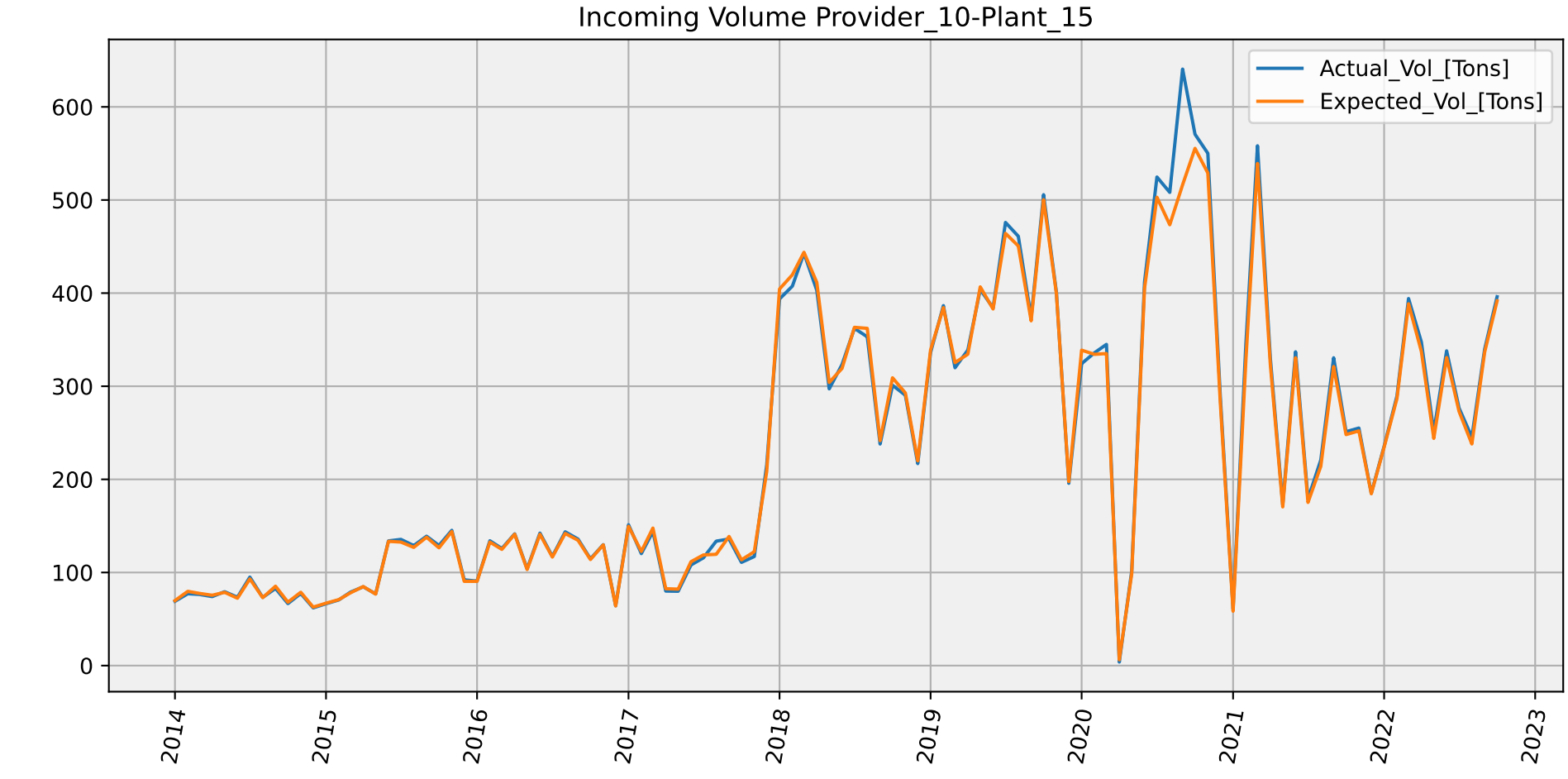


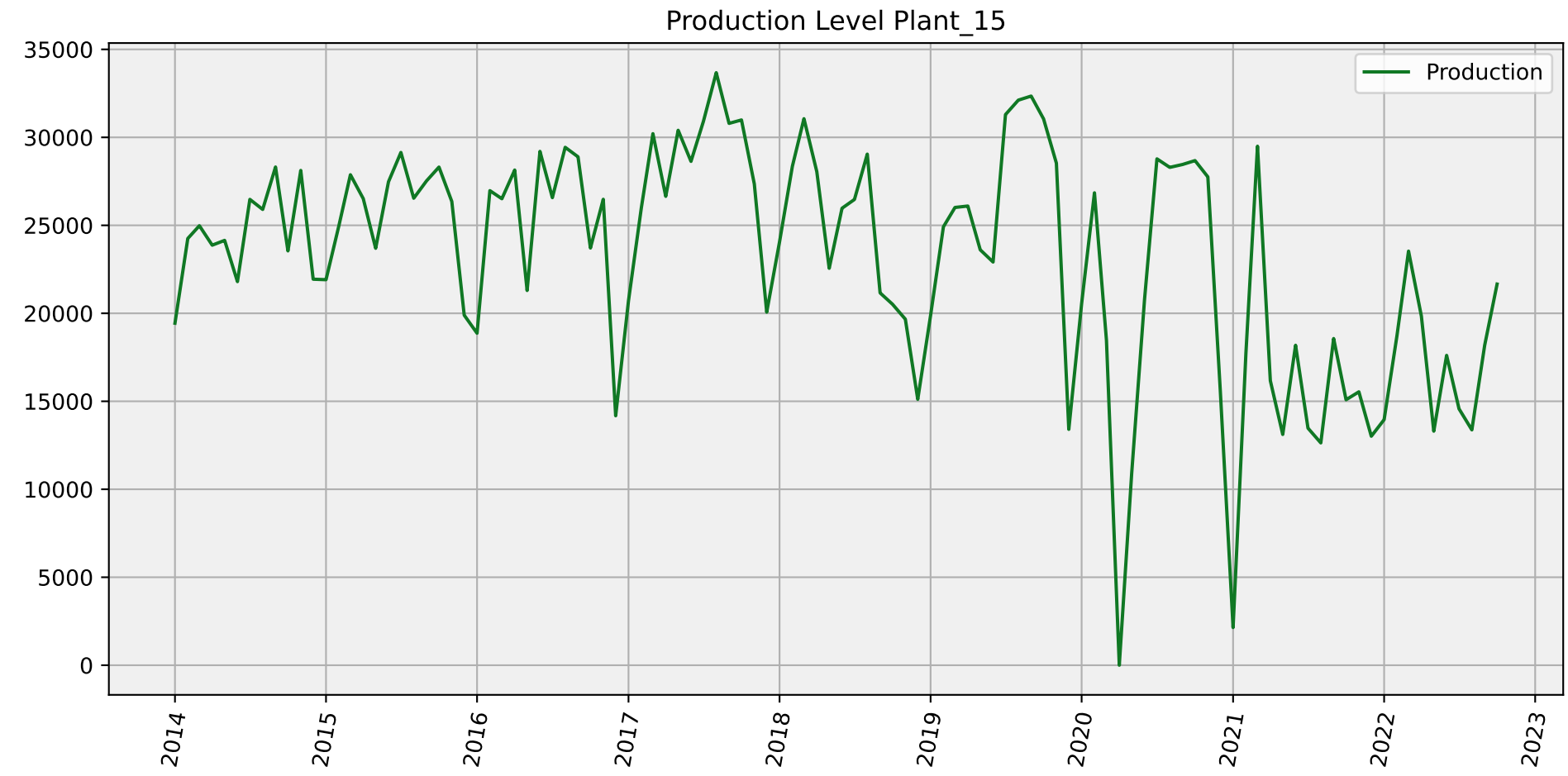
Production Level Plant_14

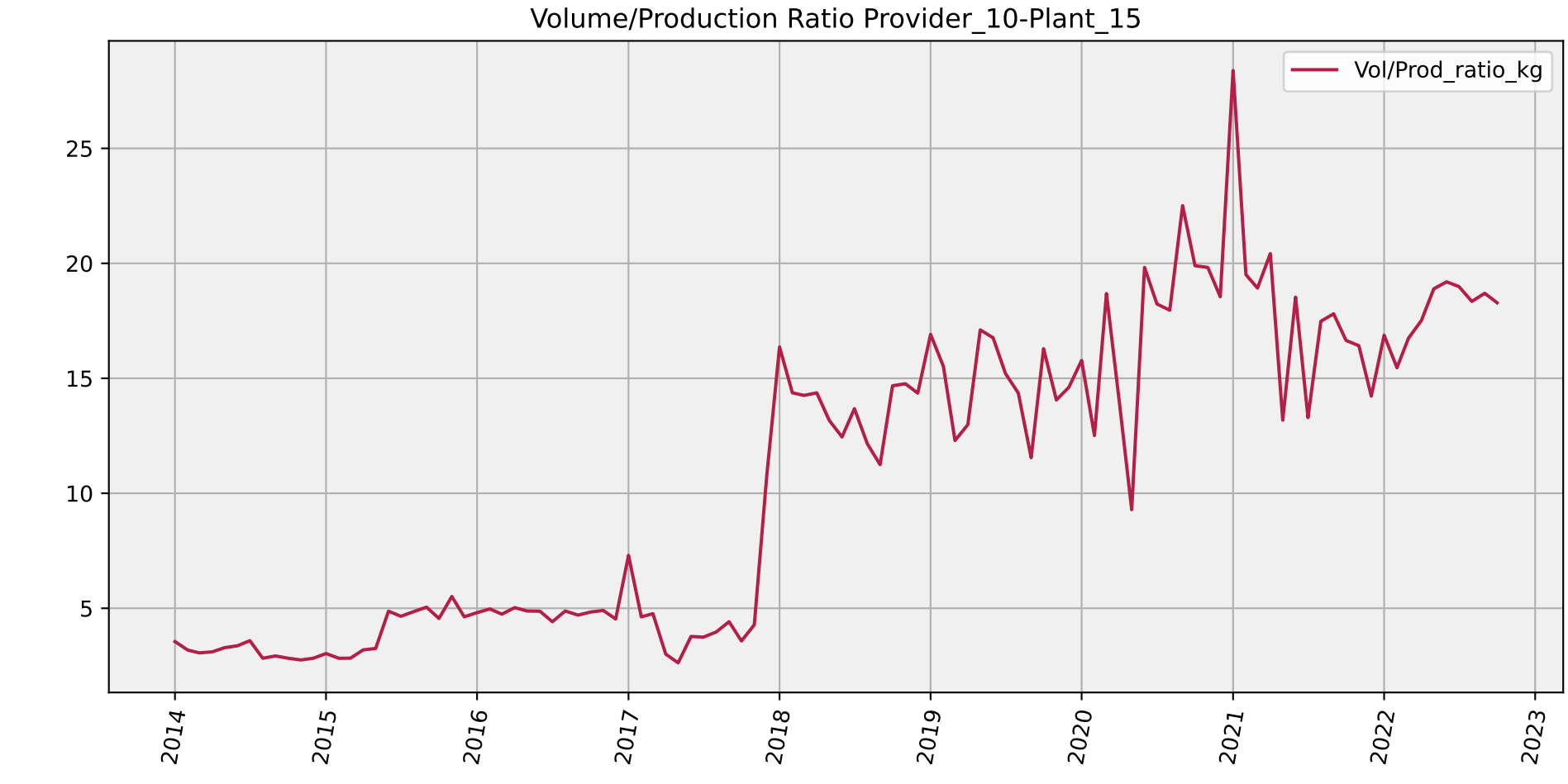


Volume/Production Ratio Provider_10-Plant_14

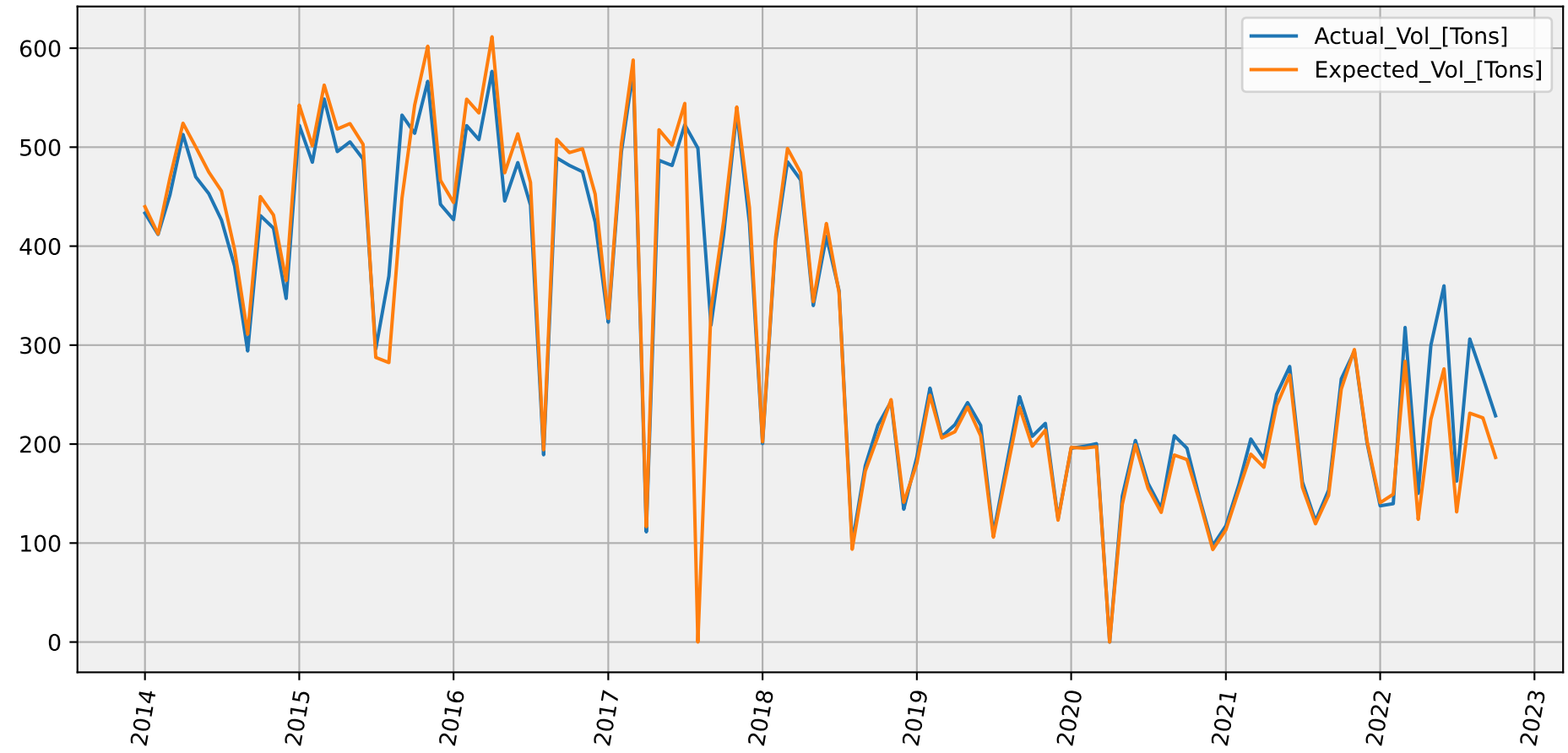



Incoming Volume Provider_10-Plant_15
Actual_Vol_[Tons]
Expected_Vol_[Tons]
600
500
400
300
200
100
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

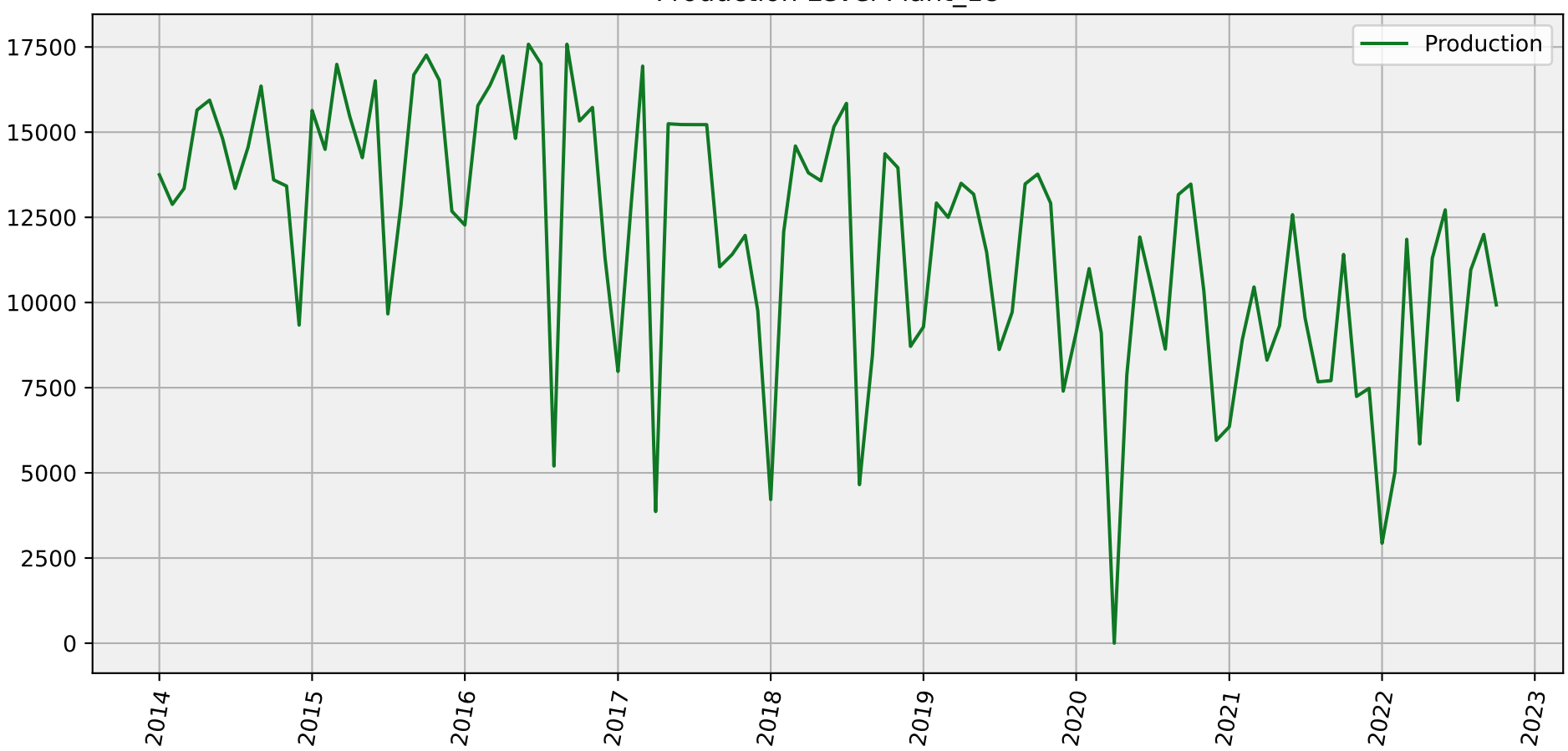

Production Level Plant_15
Production
35000
30000
25000
20000
15000
10000
5000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_10-Plant_15
Vol/Prod_ratio_kg
25
20
15
10
5
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

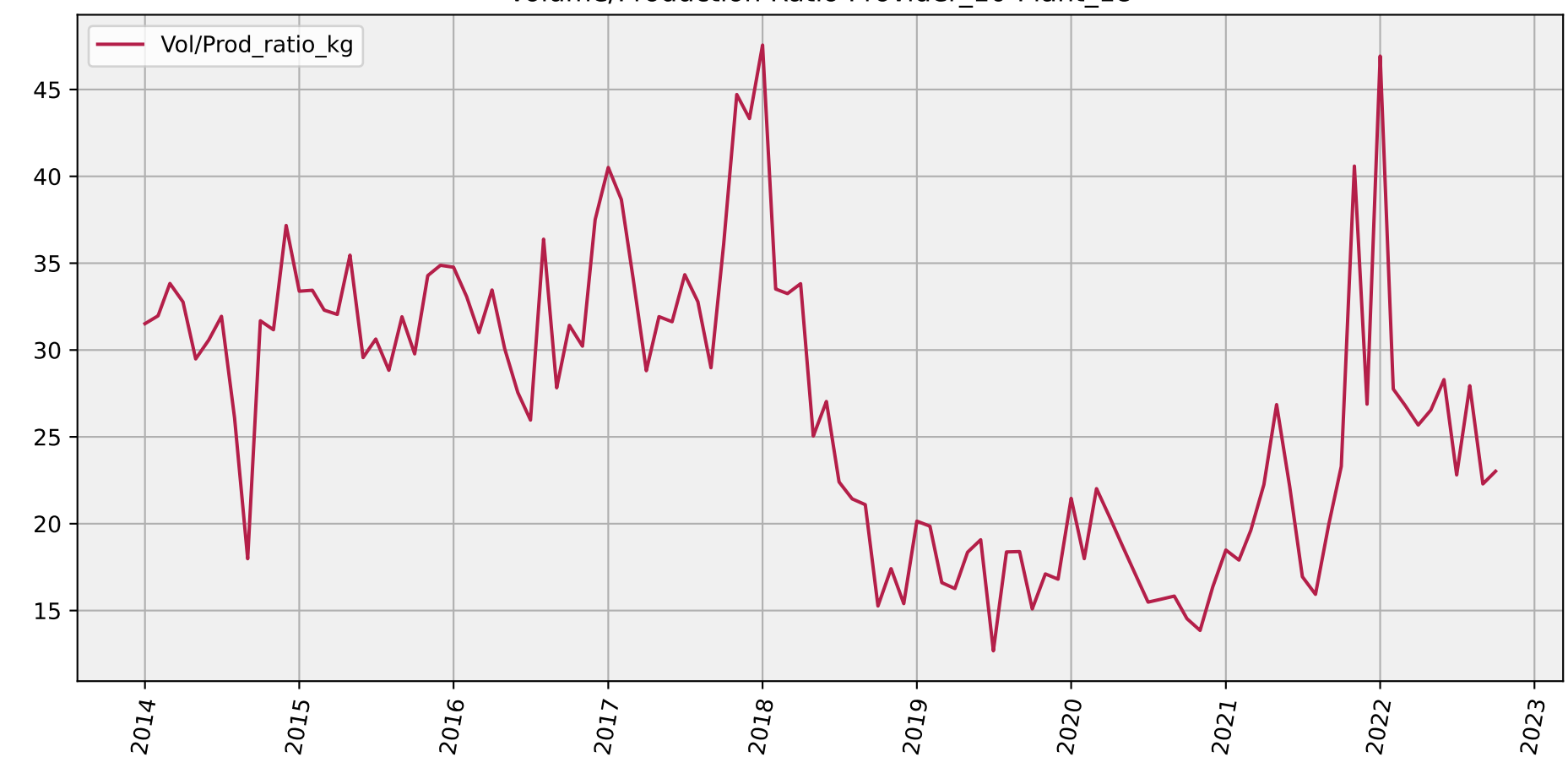
Incoming Volume Provider_10-Plant_18

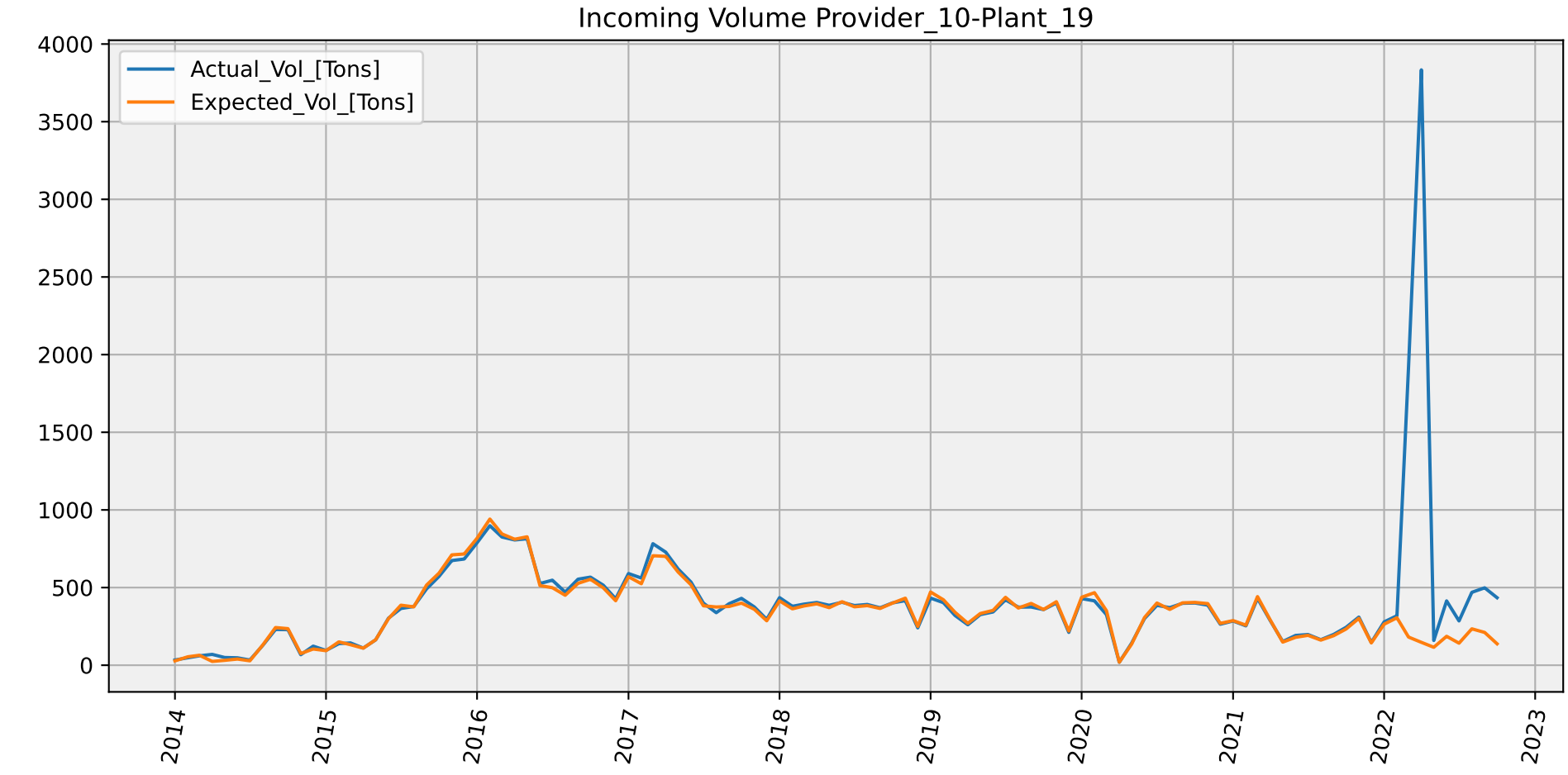


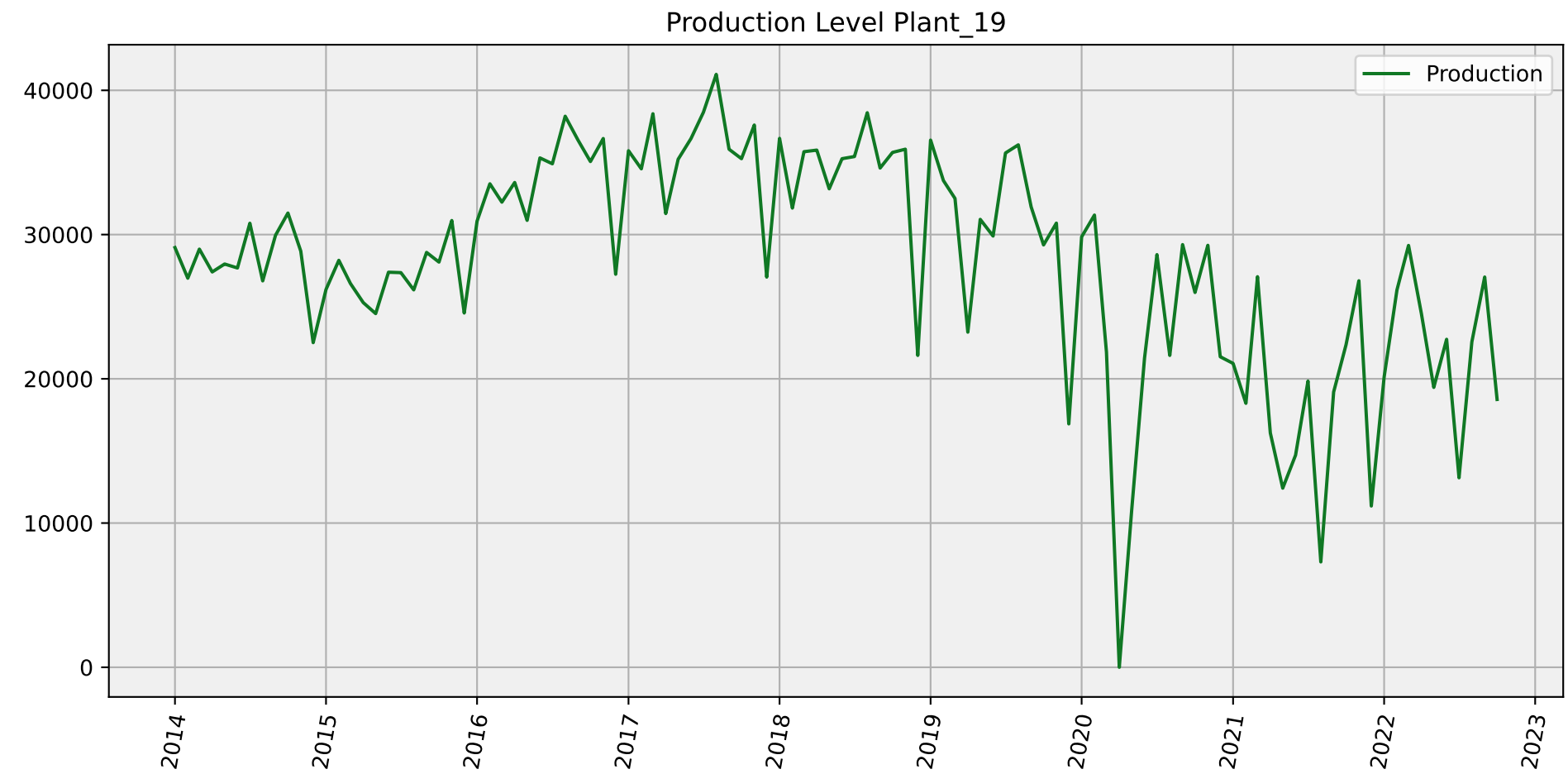
Production Level Plant_18

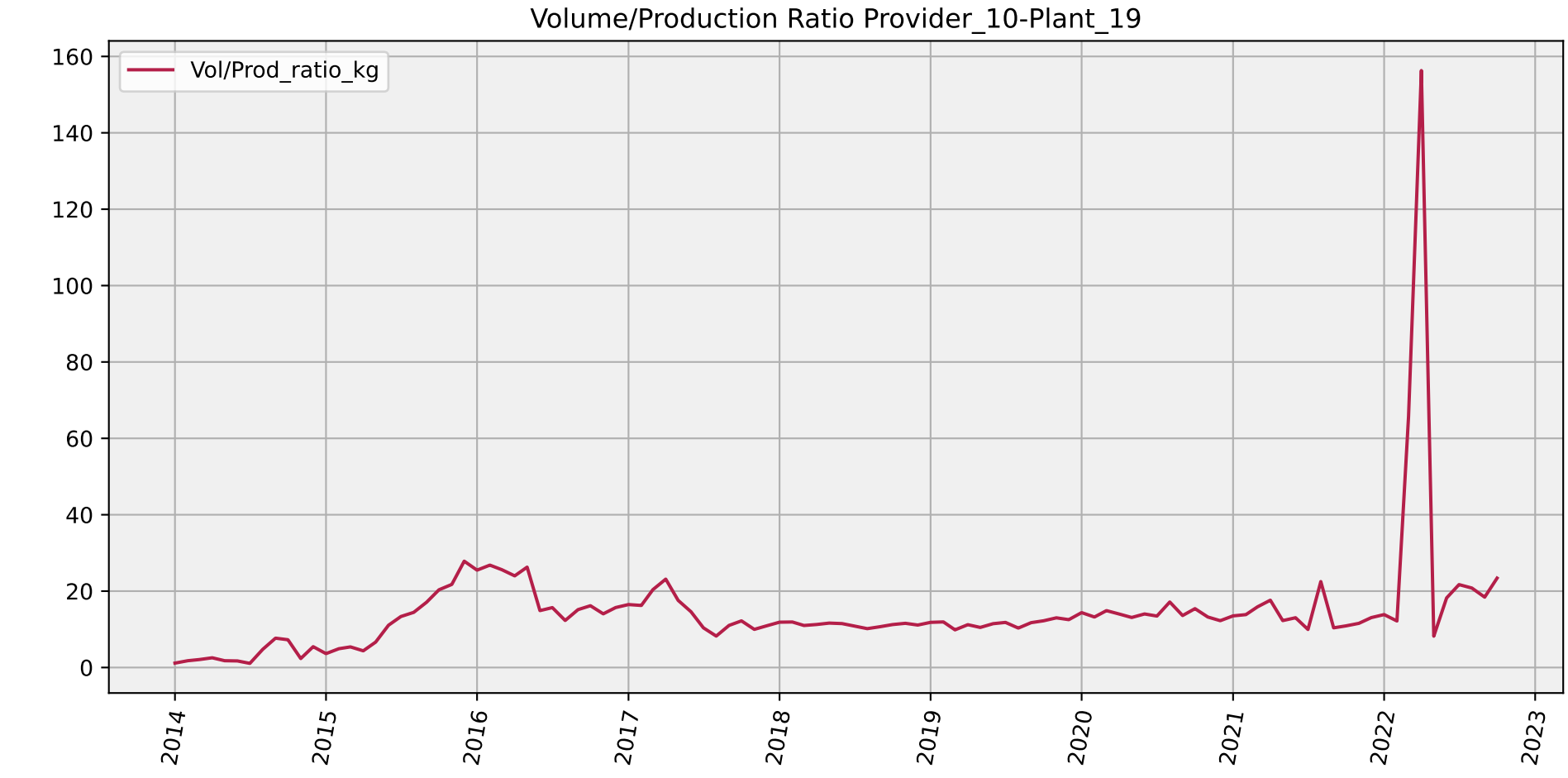


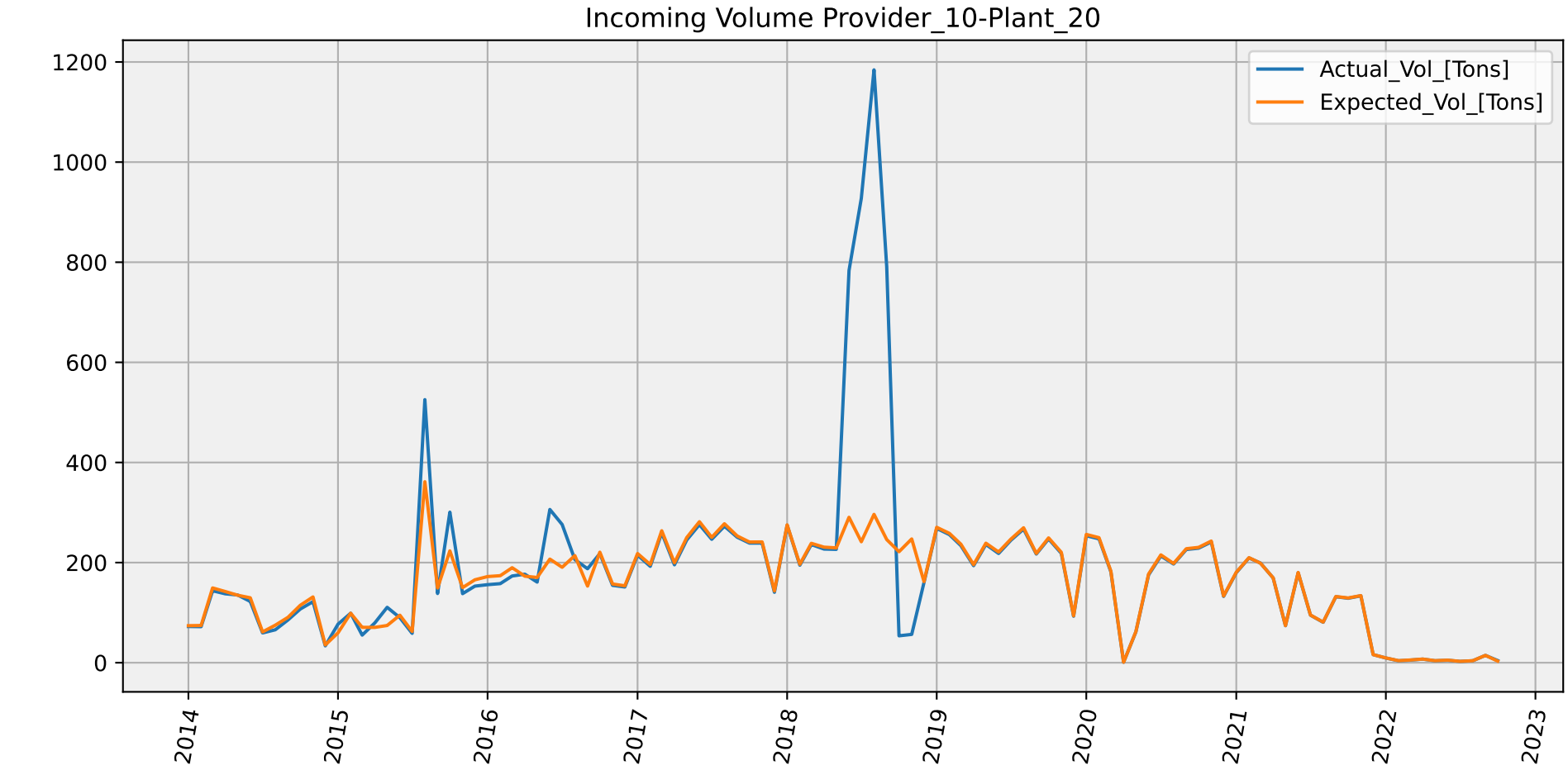
Volume/Production Ratio Provider_10-Plant_18

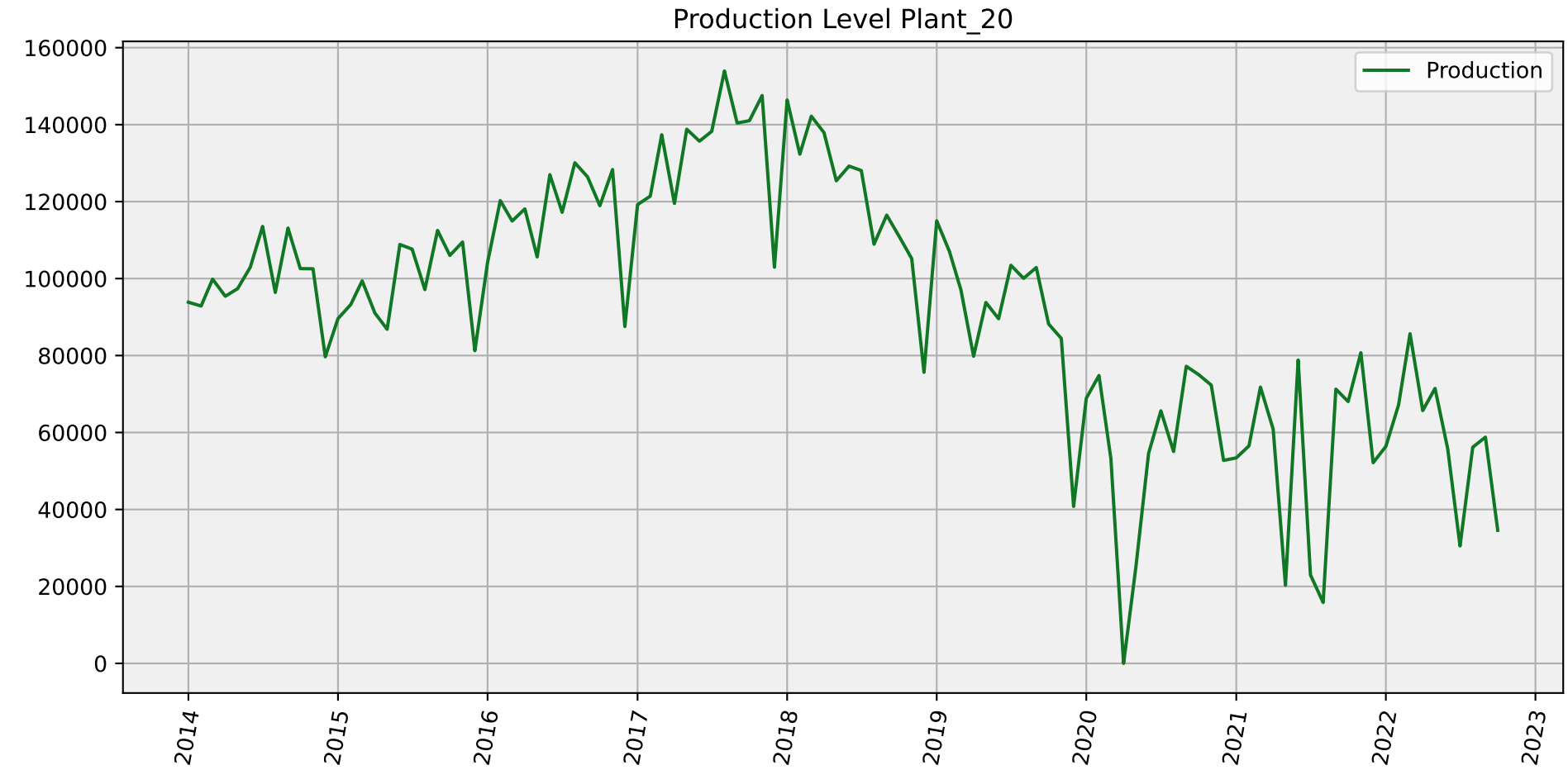


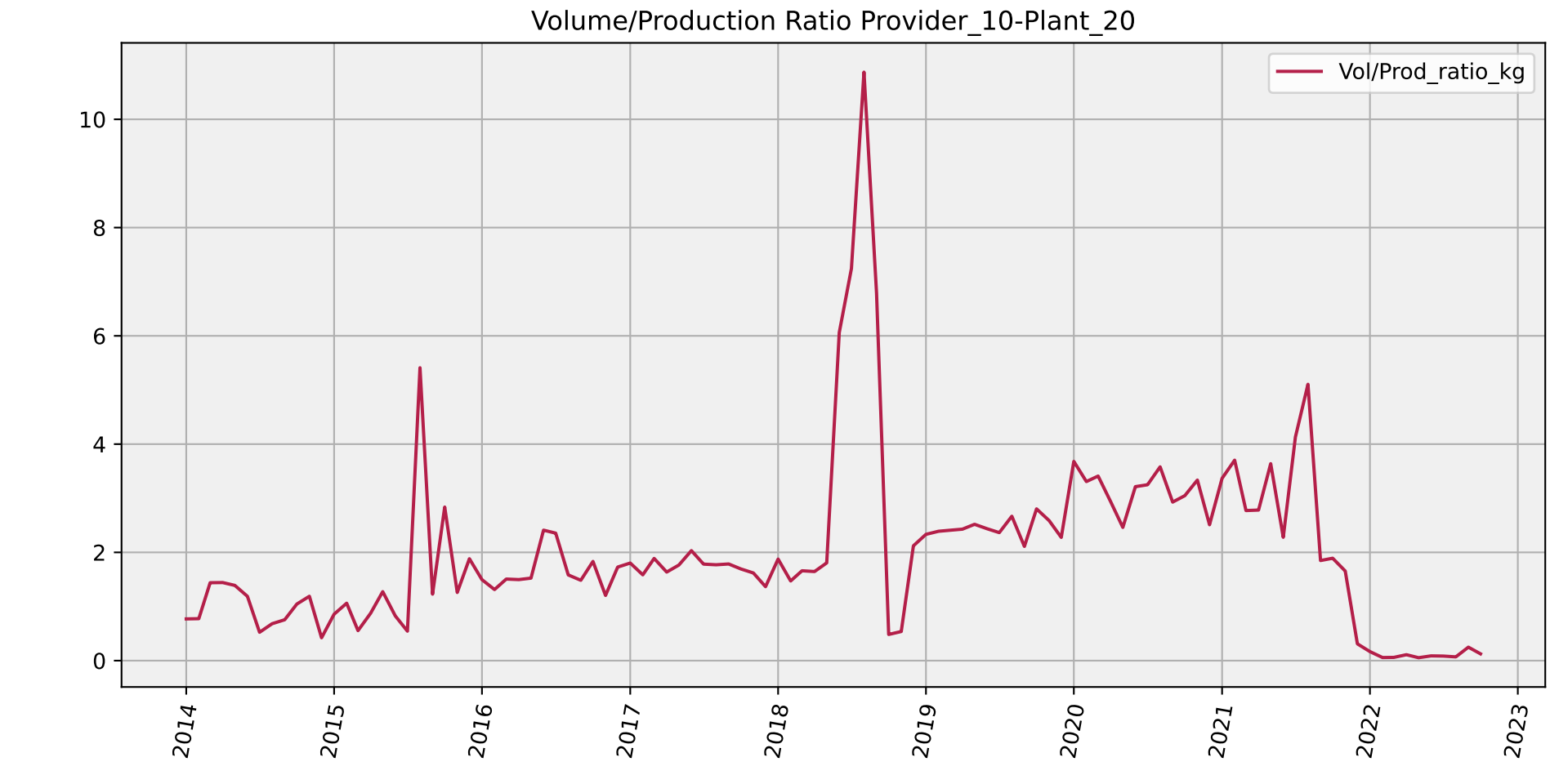

Incoming Volume Provider_10-Plant_19
Actual_Vol_[Tons]
Expected_Vol_[Tons]
4000
3500
3000
2500
2000
1500
1000
500
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Production Level Plant_19
Production
40000
30000
20000
10000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

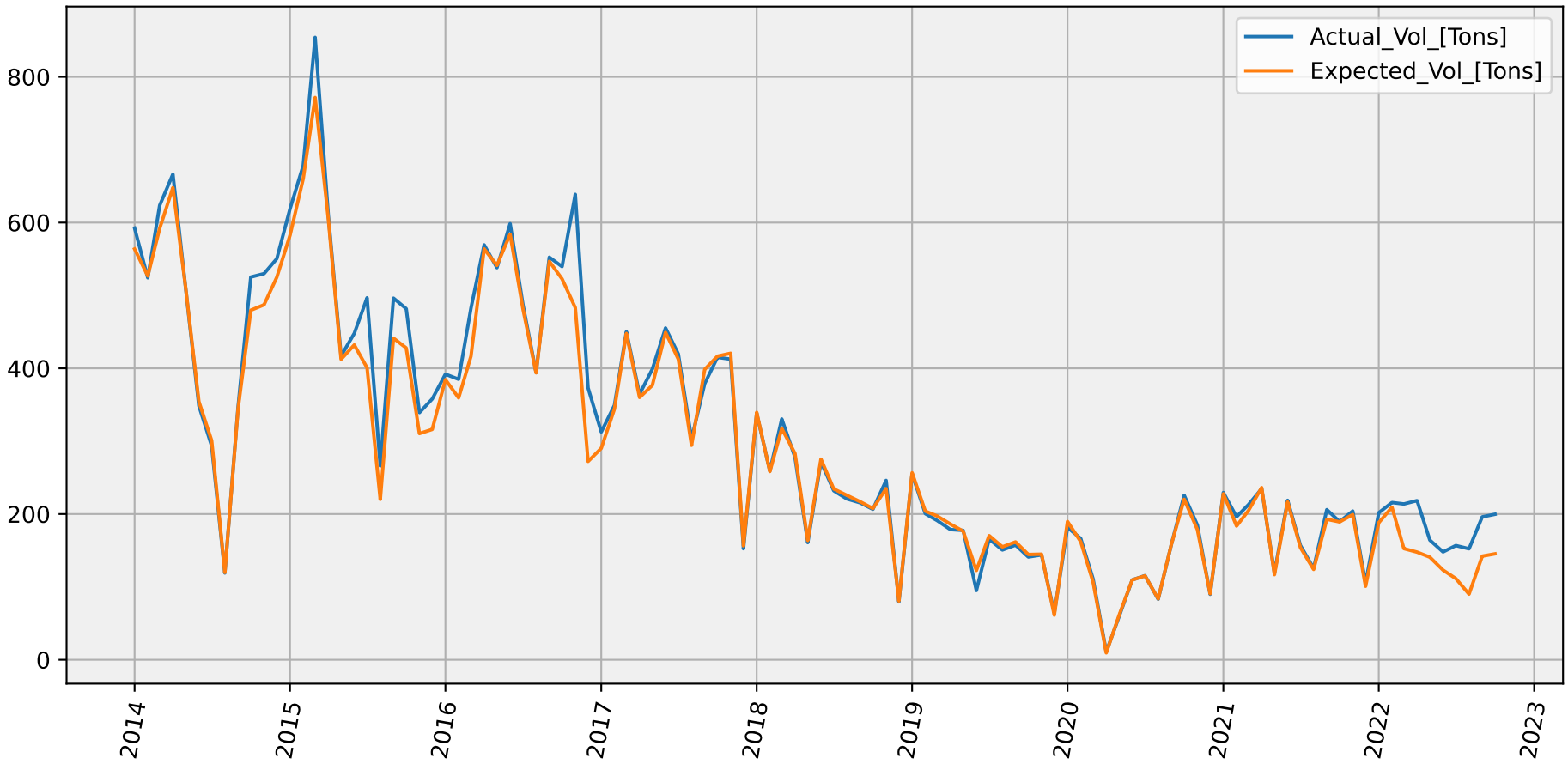

Volume/Production Ratio Provider_10-Plant_19
Vol/Prod_ratio_kg
160
140
120
100
80
60
40
20
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Incoming Volume Provider_10-Plant_20
Actual_Vol_[Tons]
Expected_Vol_[Tons]
1200
1000
800
600
400
200
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

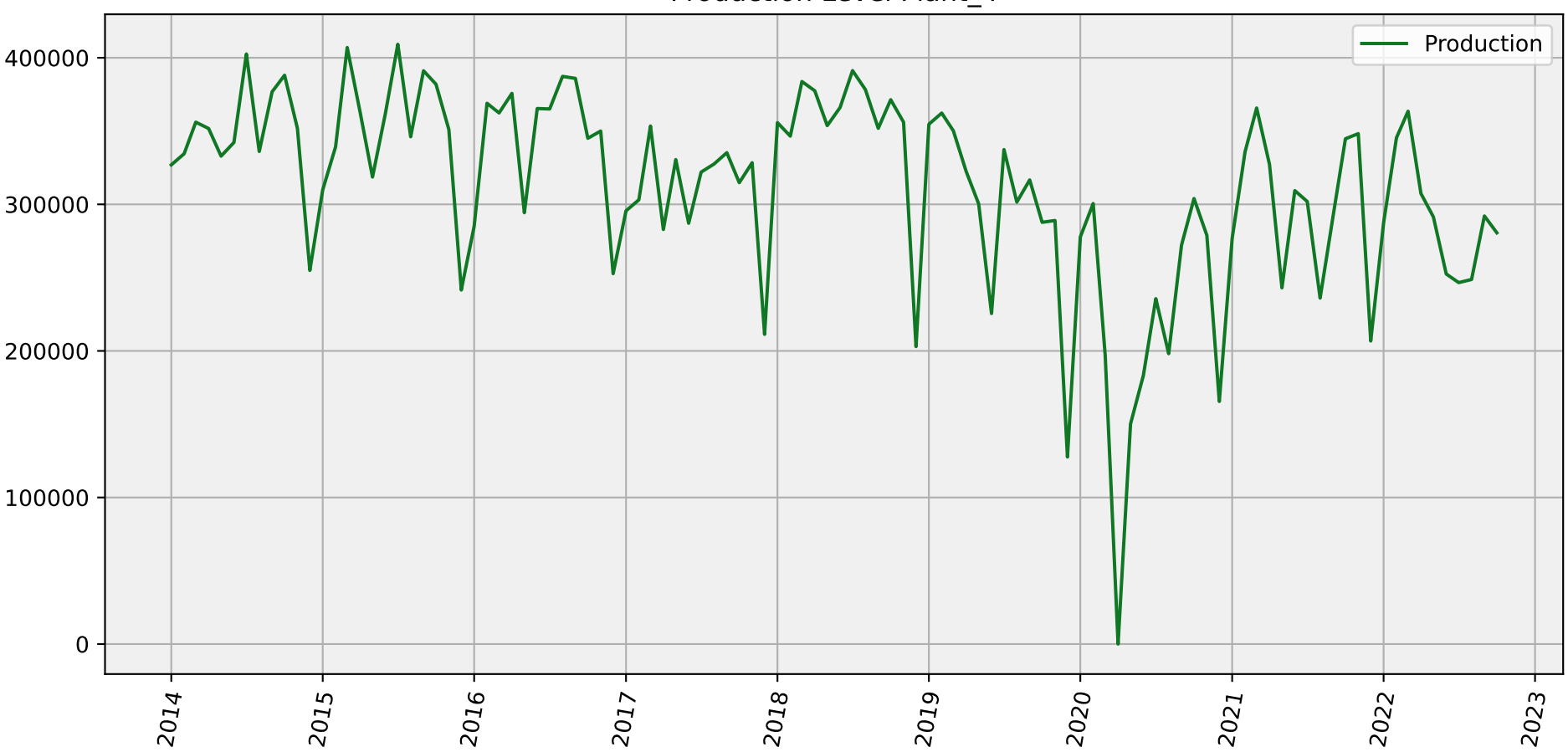

Production Level Plant_20
Production
160000
140000
120000
100000
80000
60000
40000
20000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_10-Plant_20
Vol/Prod_ratio_kg
10
8
6
4
2
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

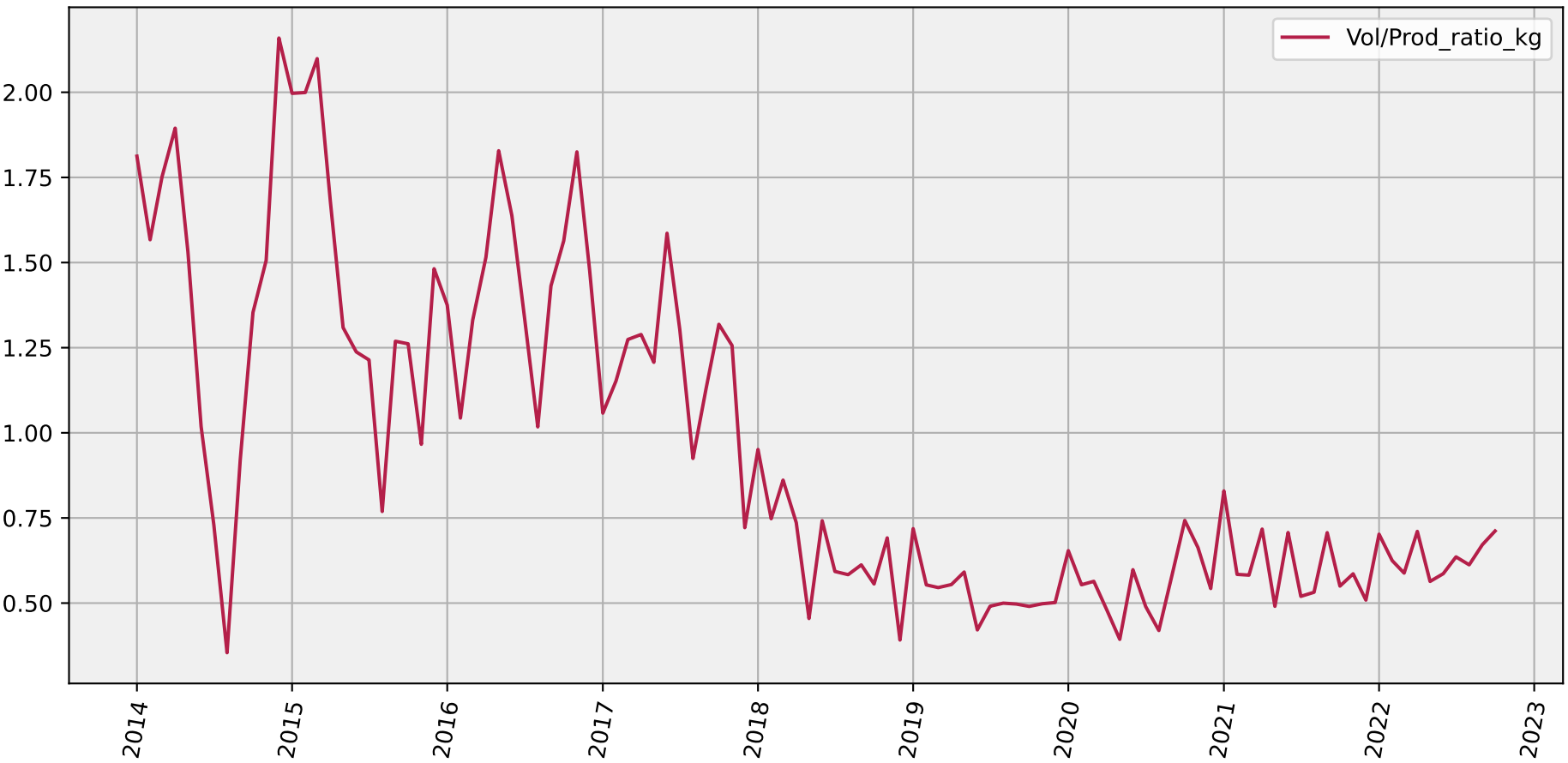
Incoming Volume Provider_10-Plant_4

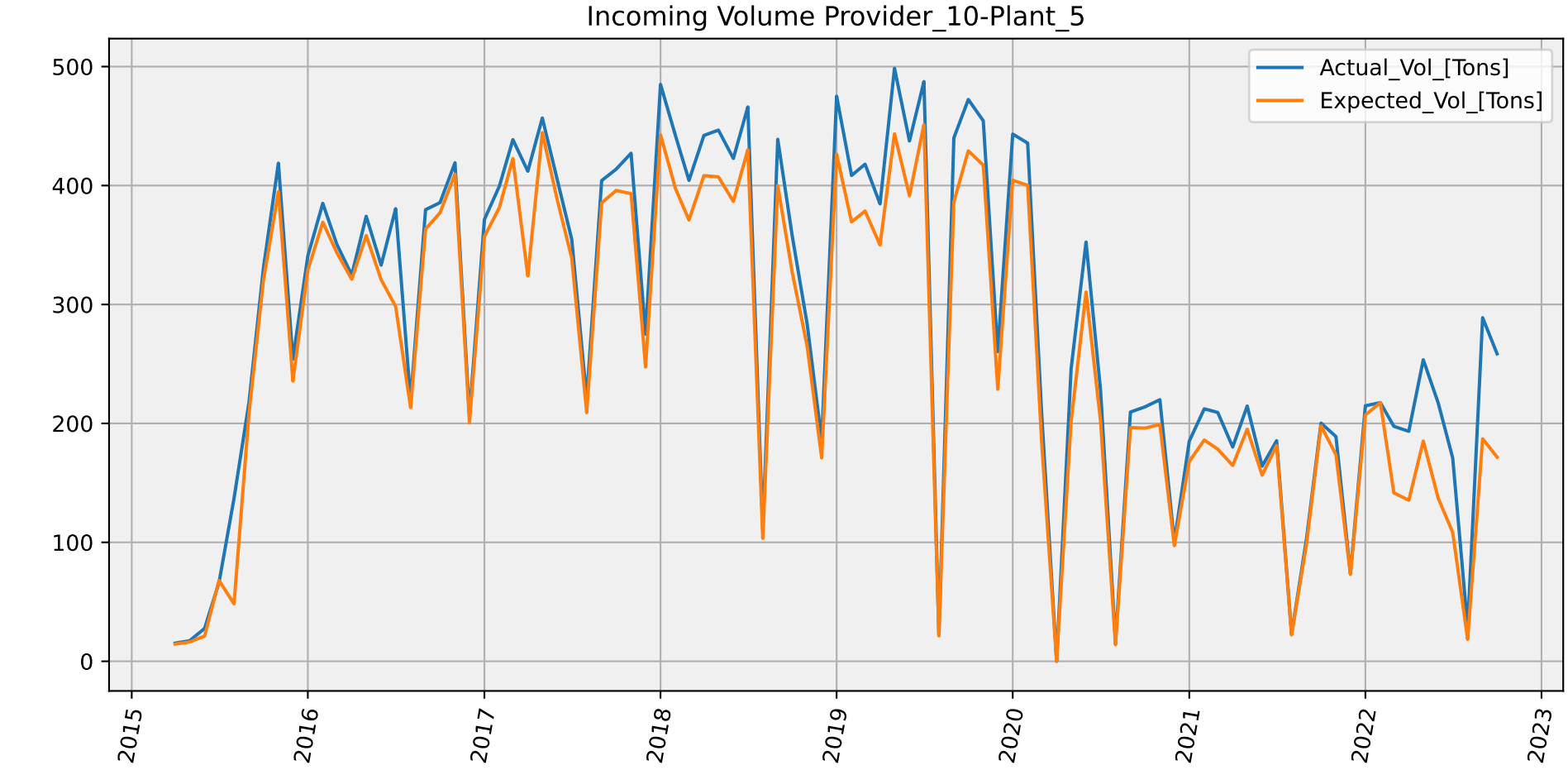


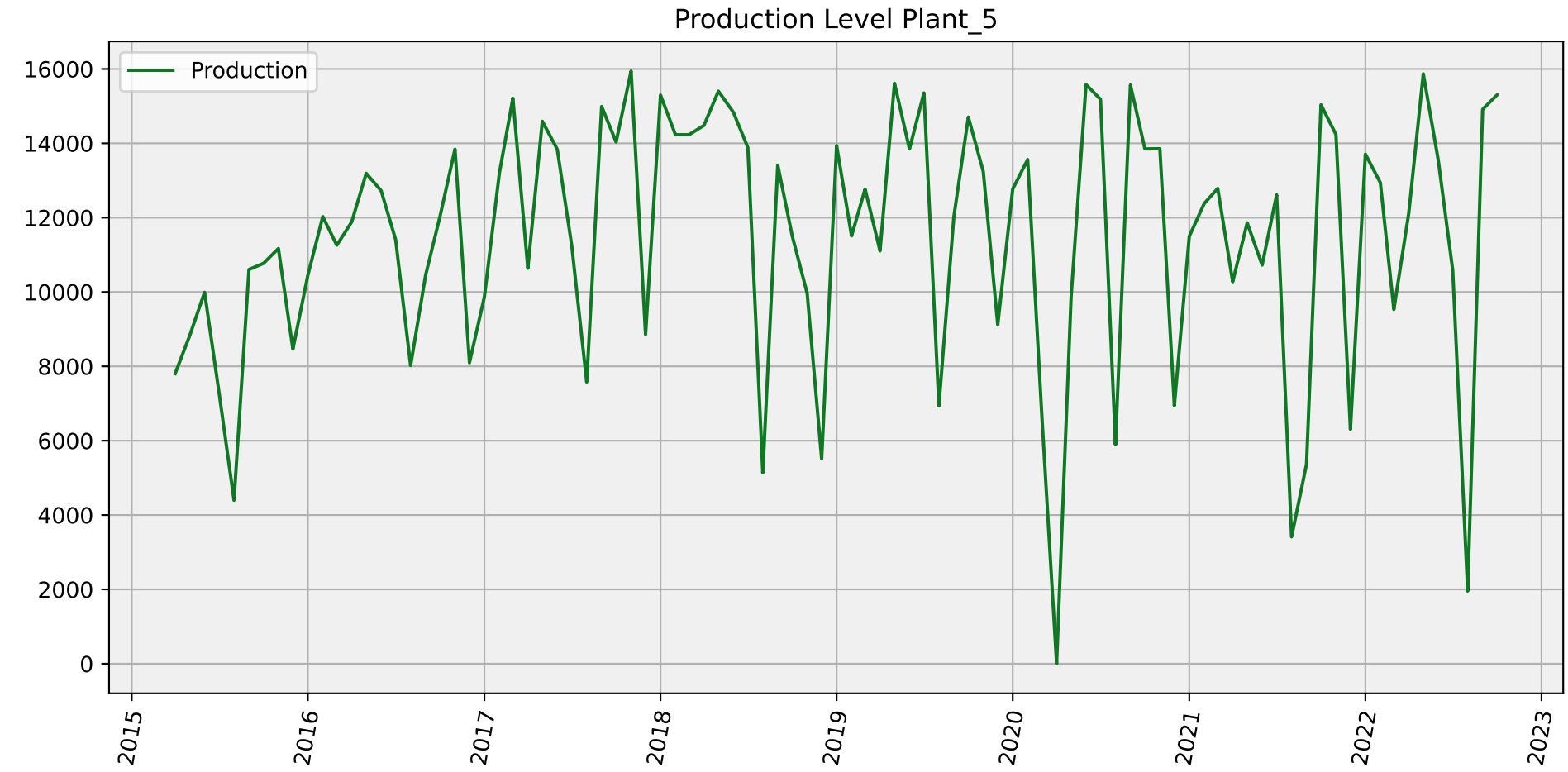
Production Level Plant_4

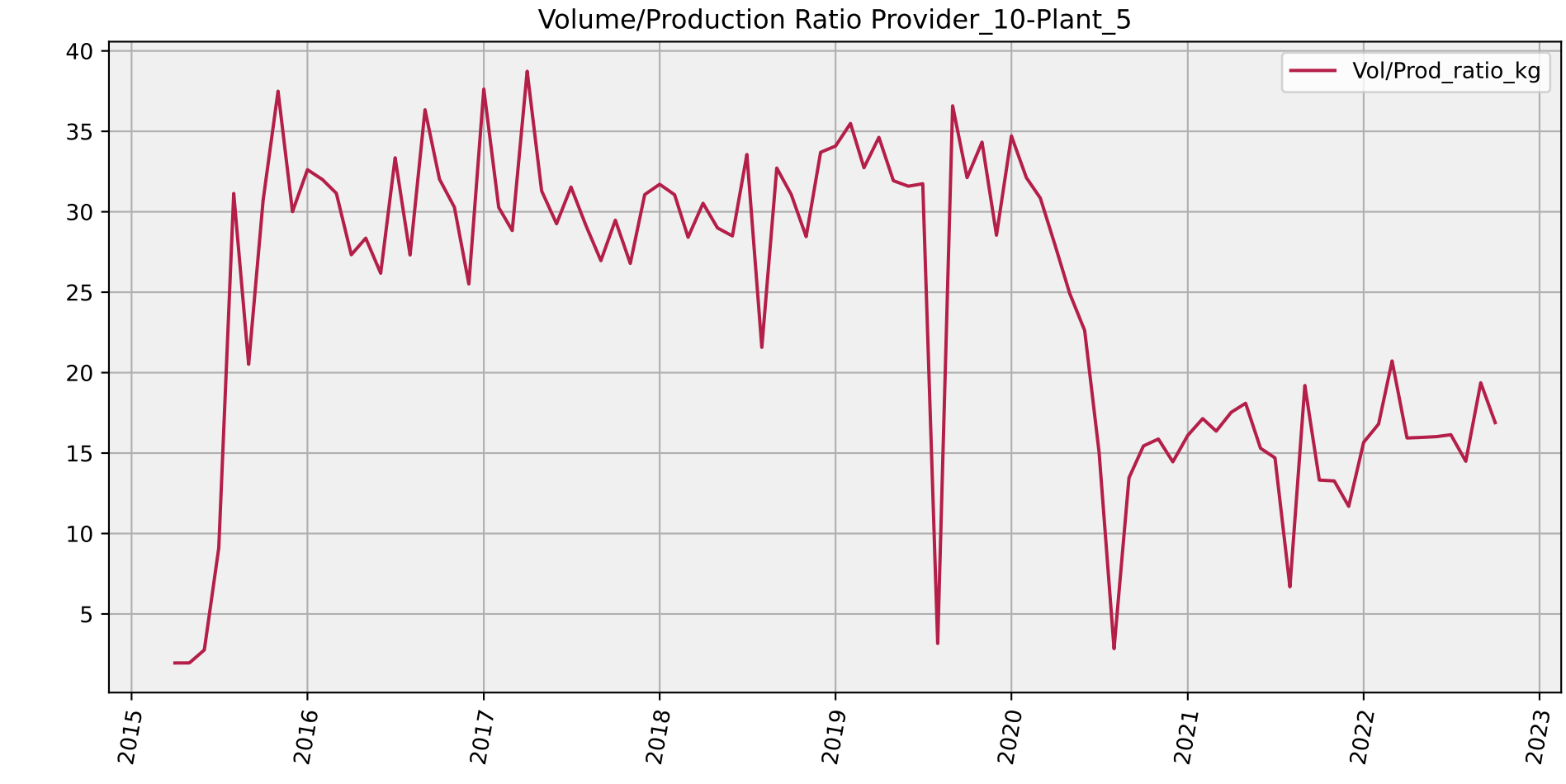


Volume/Production Ratio Provider_10-Plant_4

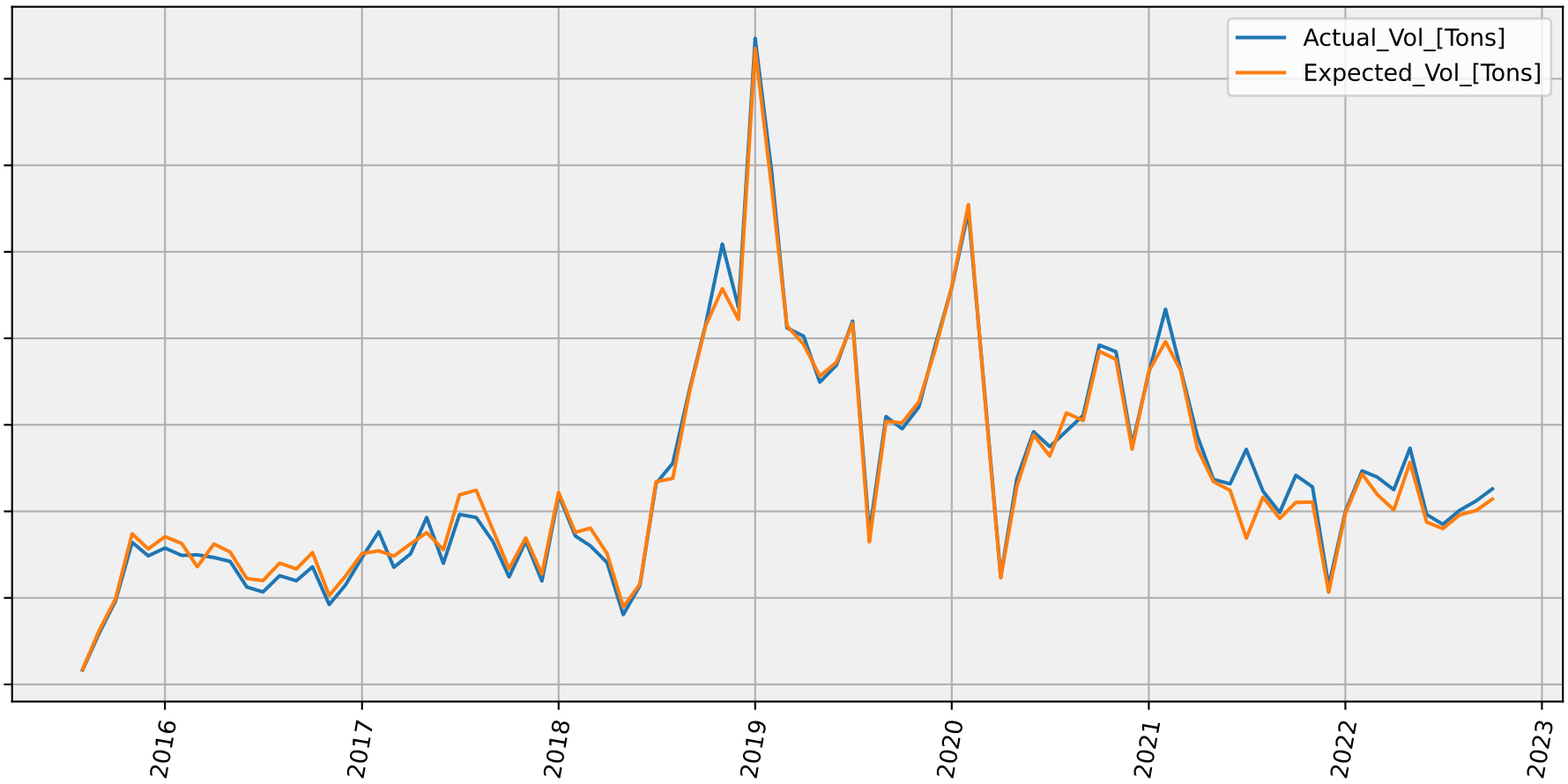



Incoming Volume Provider_10-Plant_5
Actual_Vol_[Tons]
Expected_Vol_[Tons]
500
400
300
200
100
0
2015
2016
2017
2018
2019
2020
2021
2022
2023

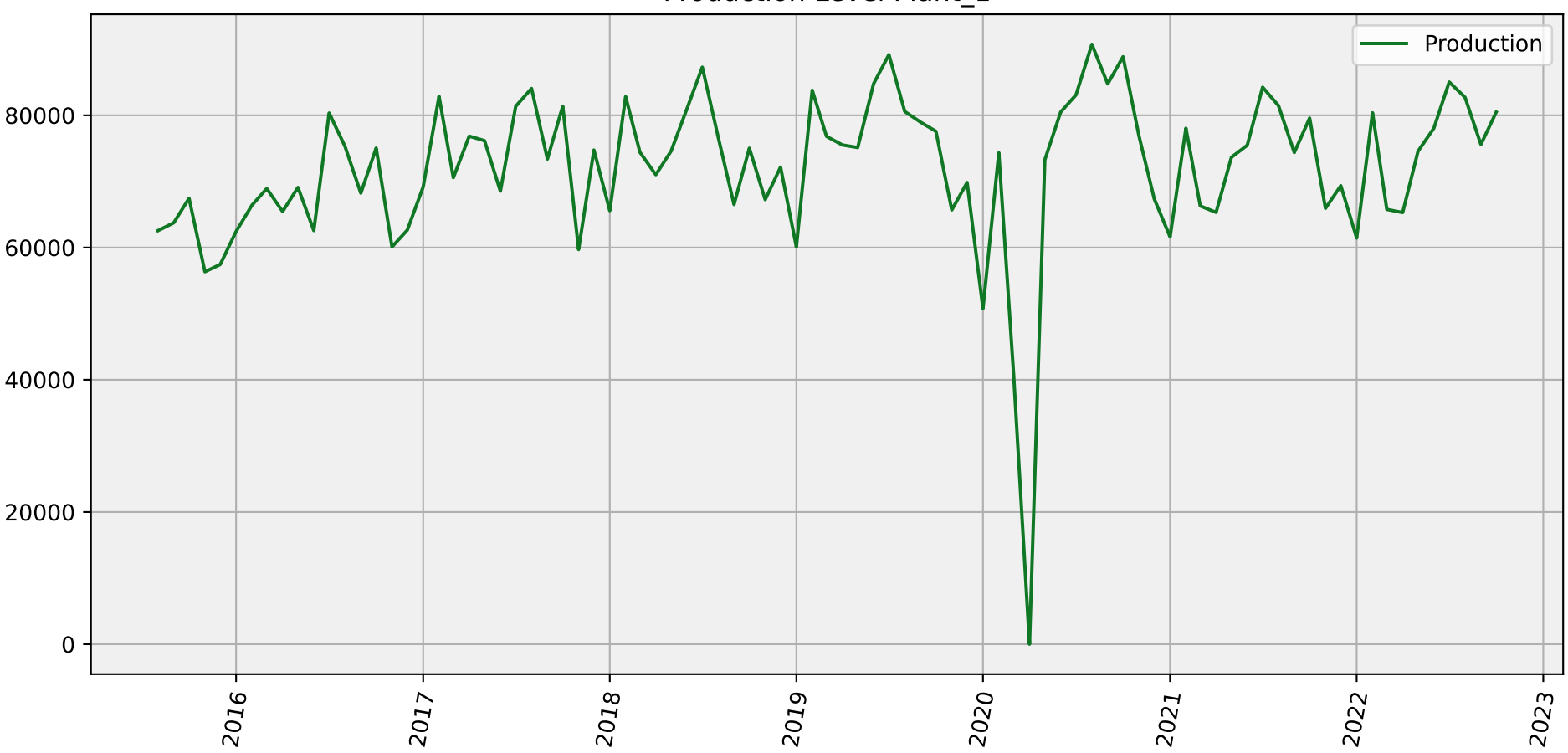

Production Level Plant_5
Production
16000
14000
12000
10000
8000
6000
4000
2000
0
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_10-Plant_5
Vol/Prod_ratio_kg
40
35
30
25
20
15
10
5
2015
2016
2017
2018
2019
2020
2021
2022
2023

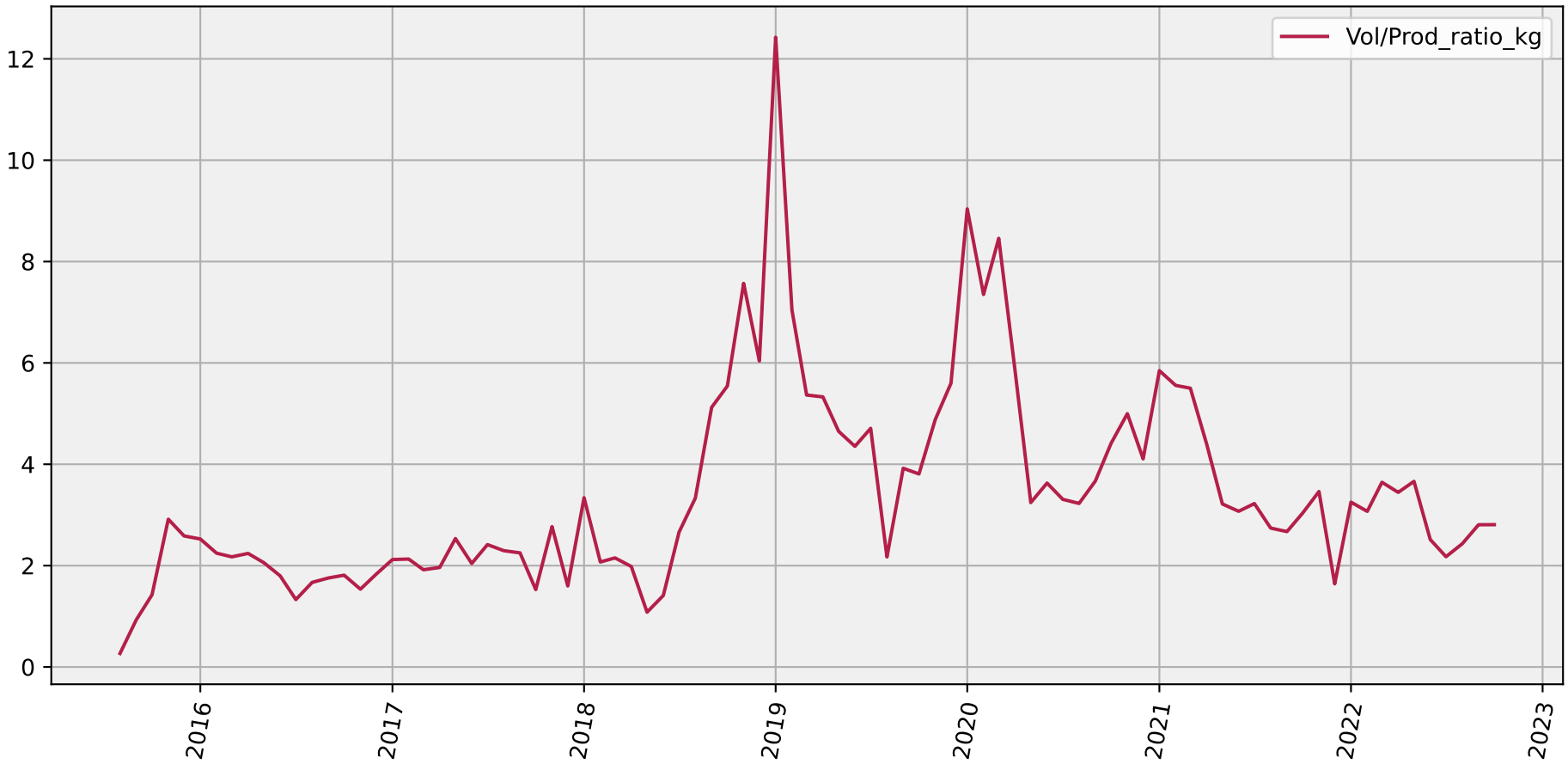
Incoming Volume Provider_14-Plant_1



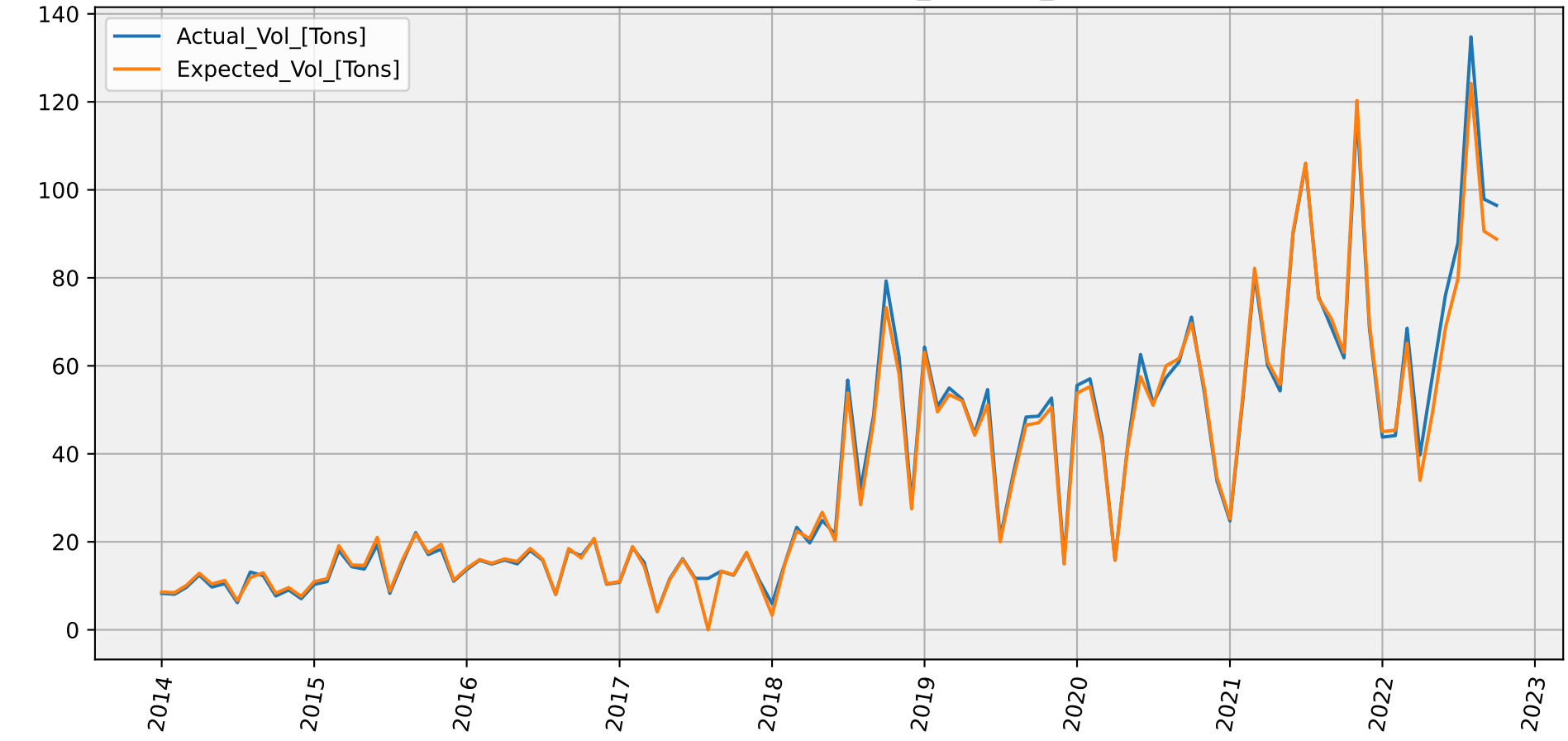
Production Level Plant_1



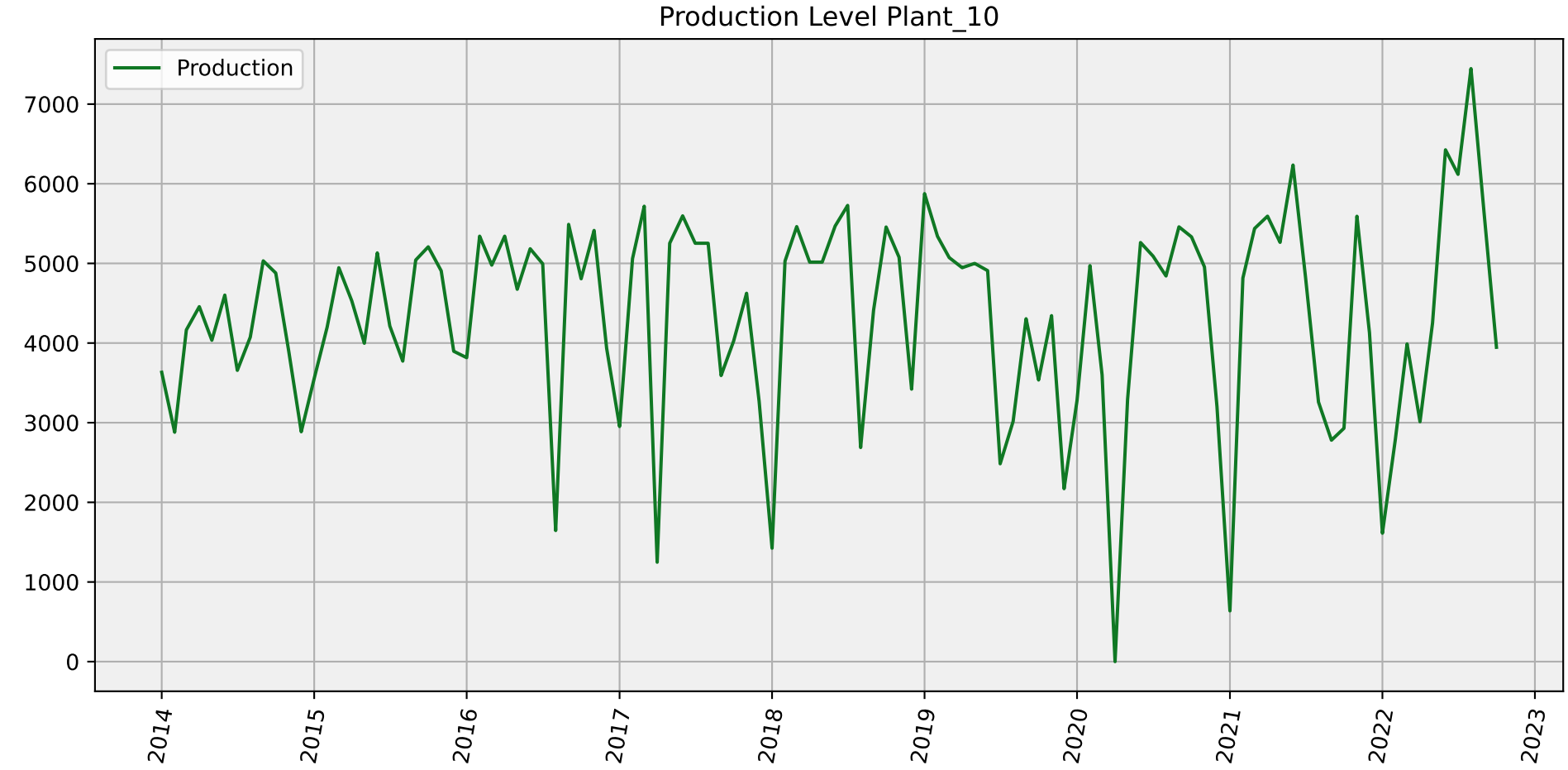
Volume/Production Ratio Provider_14-Plant_1



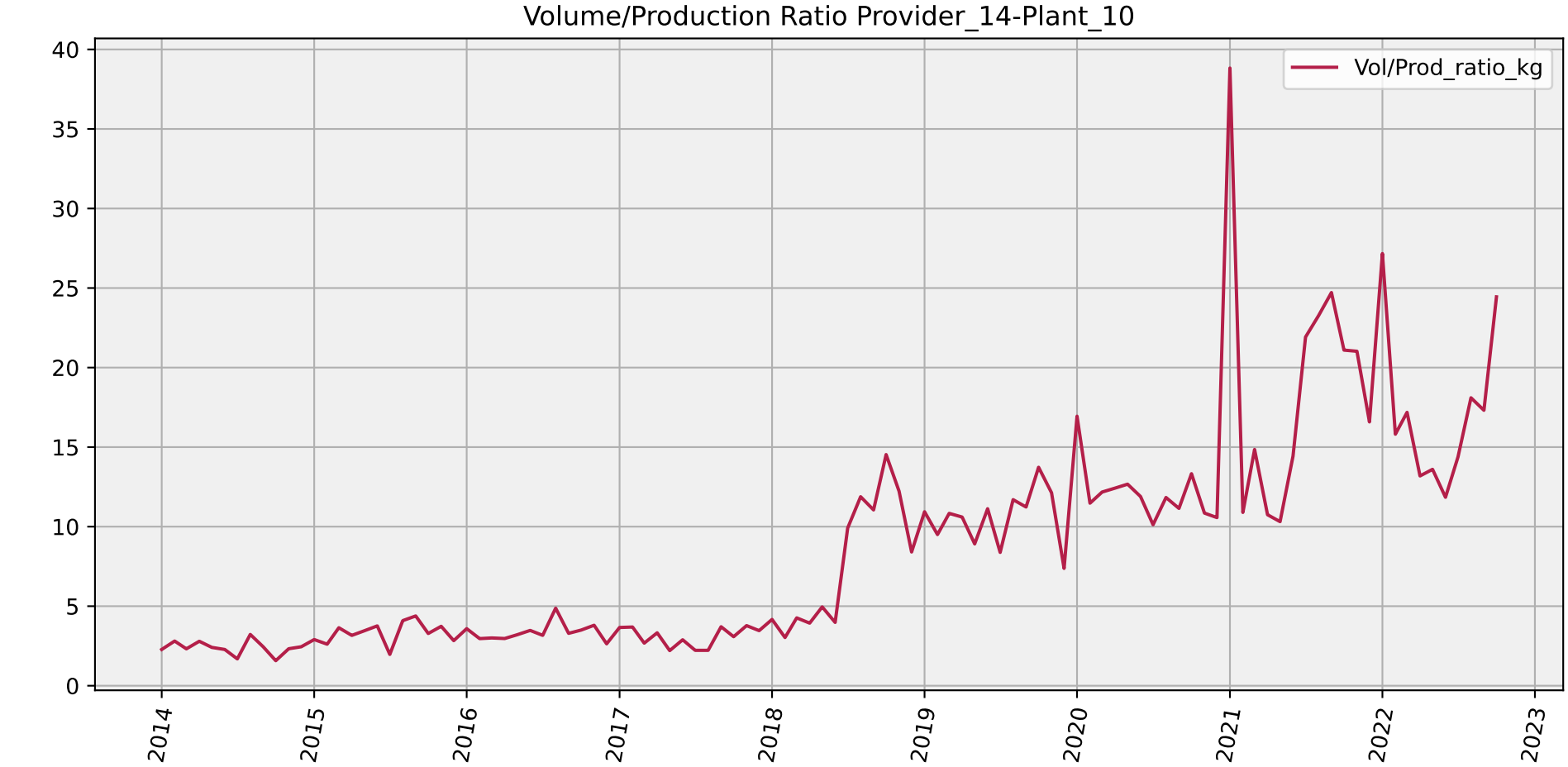
Incoming Volume Provider_14-Plant_10



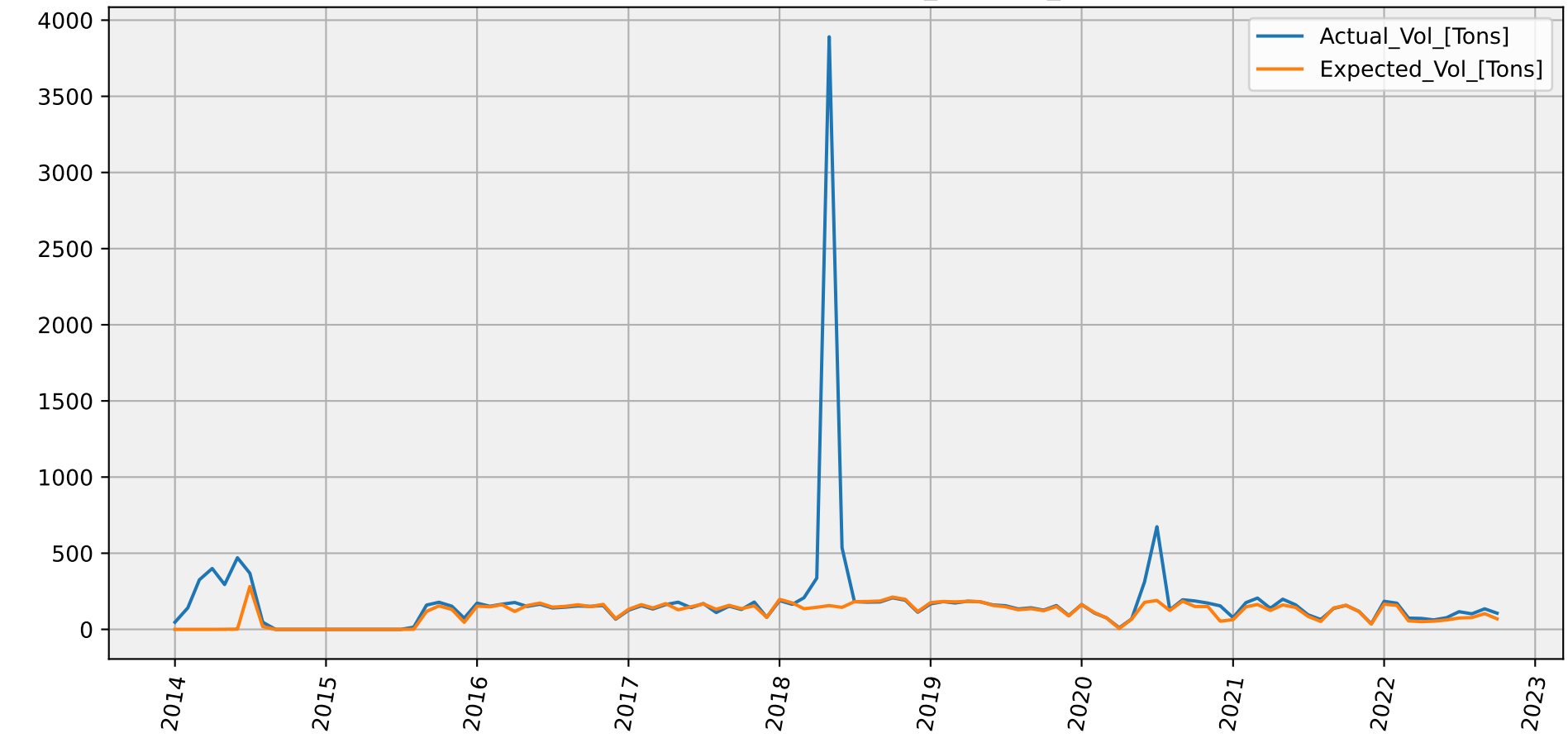
Production Level Plant_10



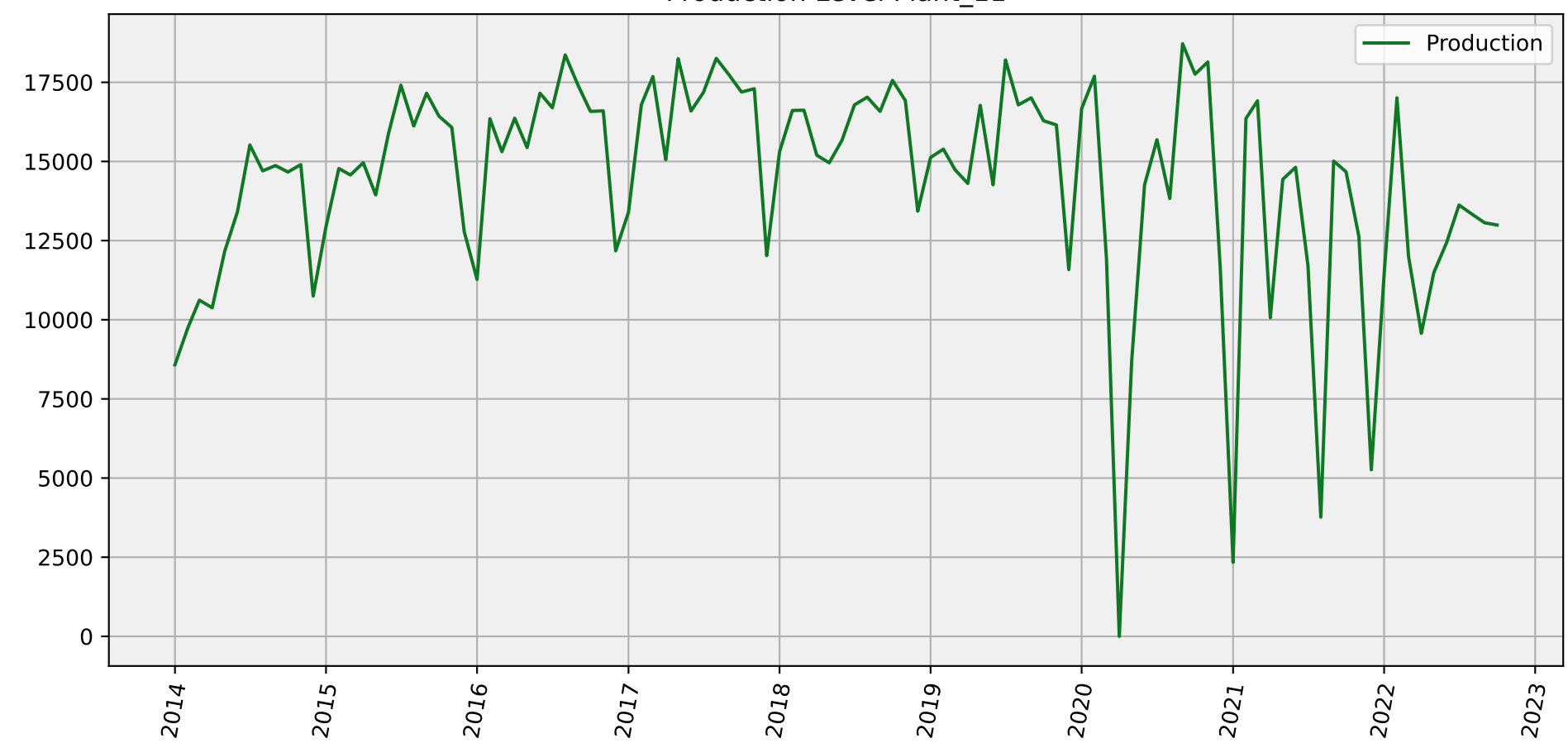
Volume/Production Ratio Provider_14-Plant_10



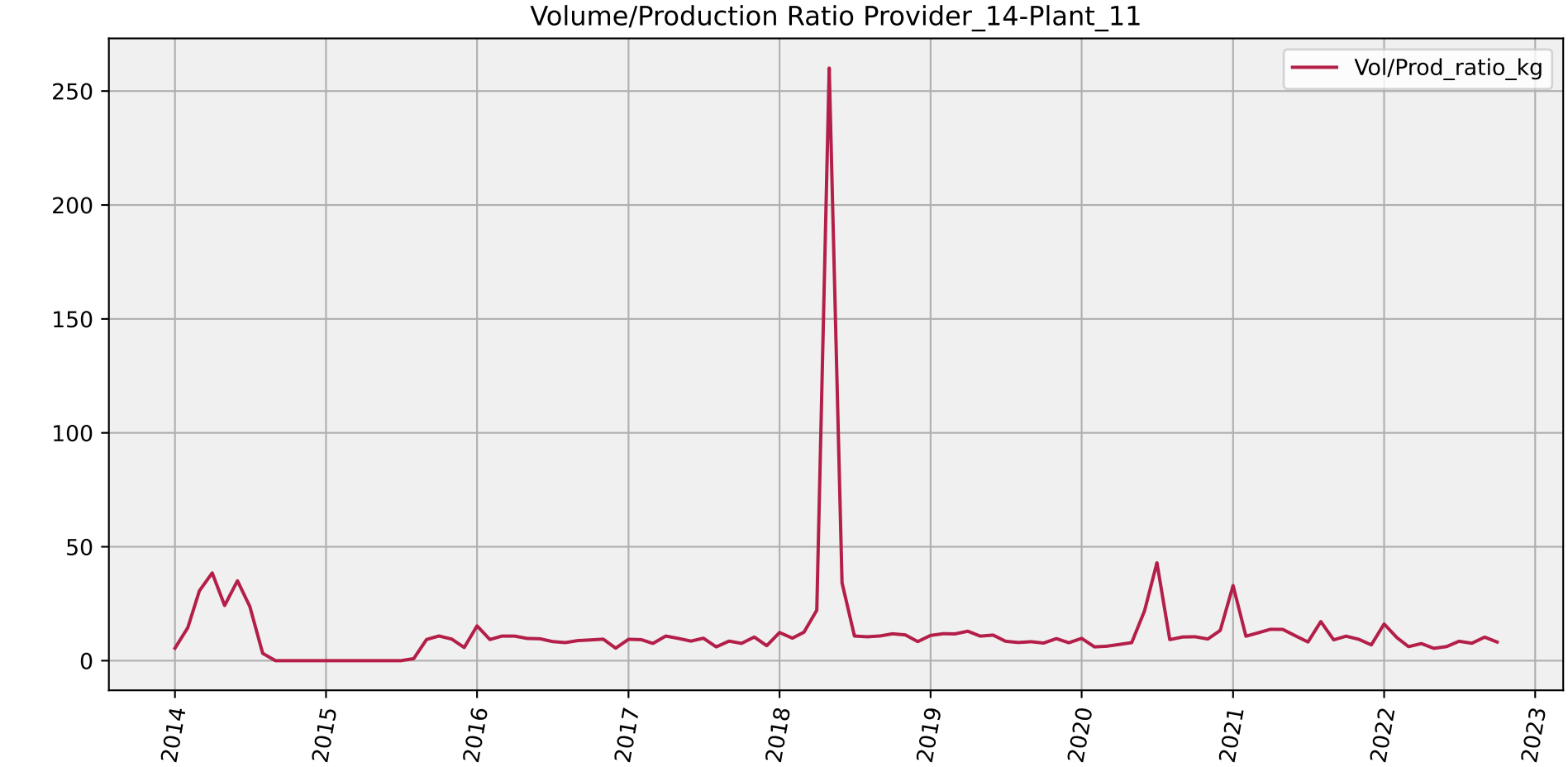
Incoming Volume Provider_14-Plant_11

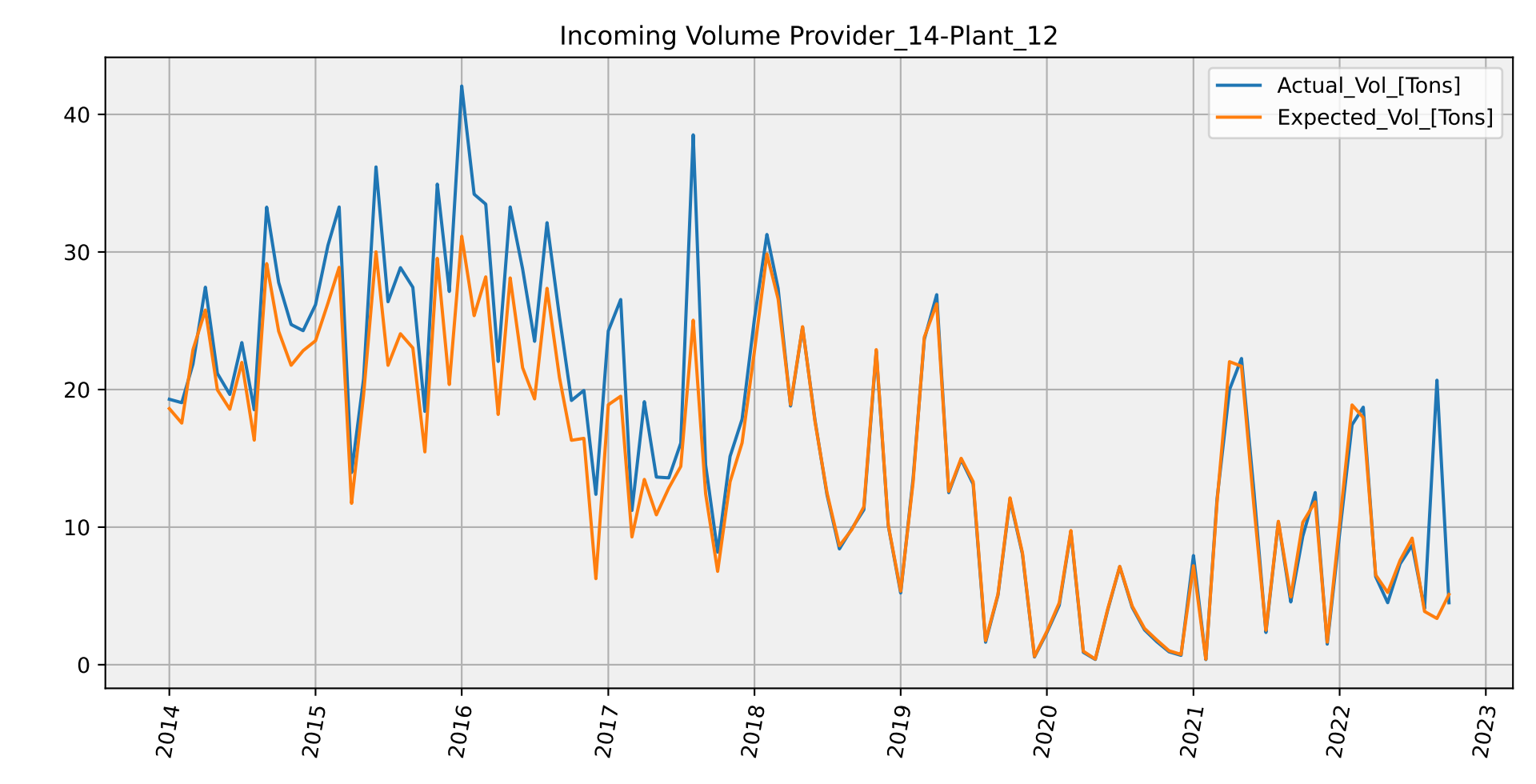


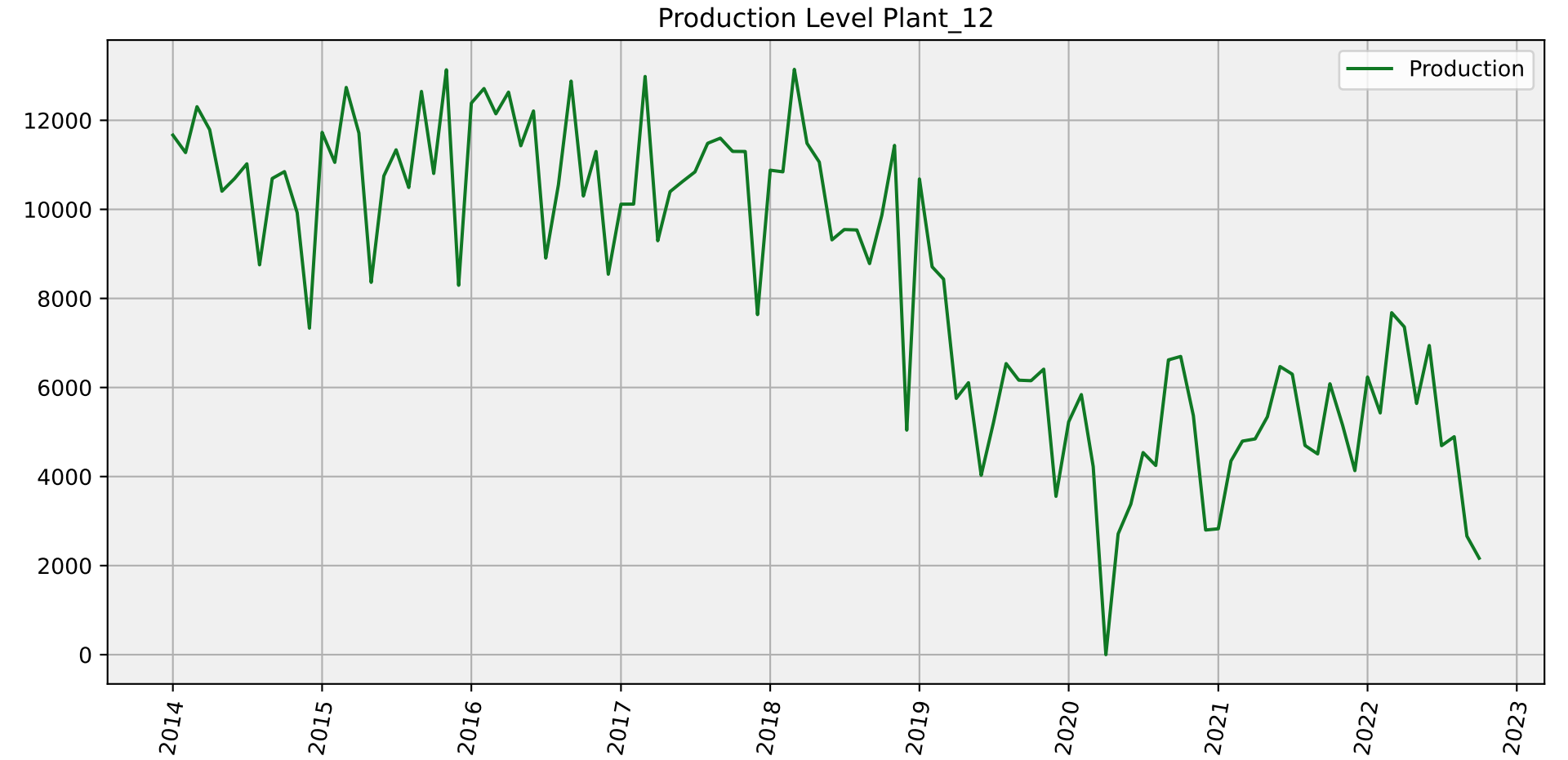
Production Level Plant_11

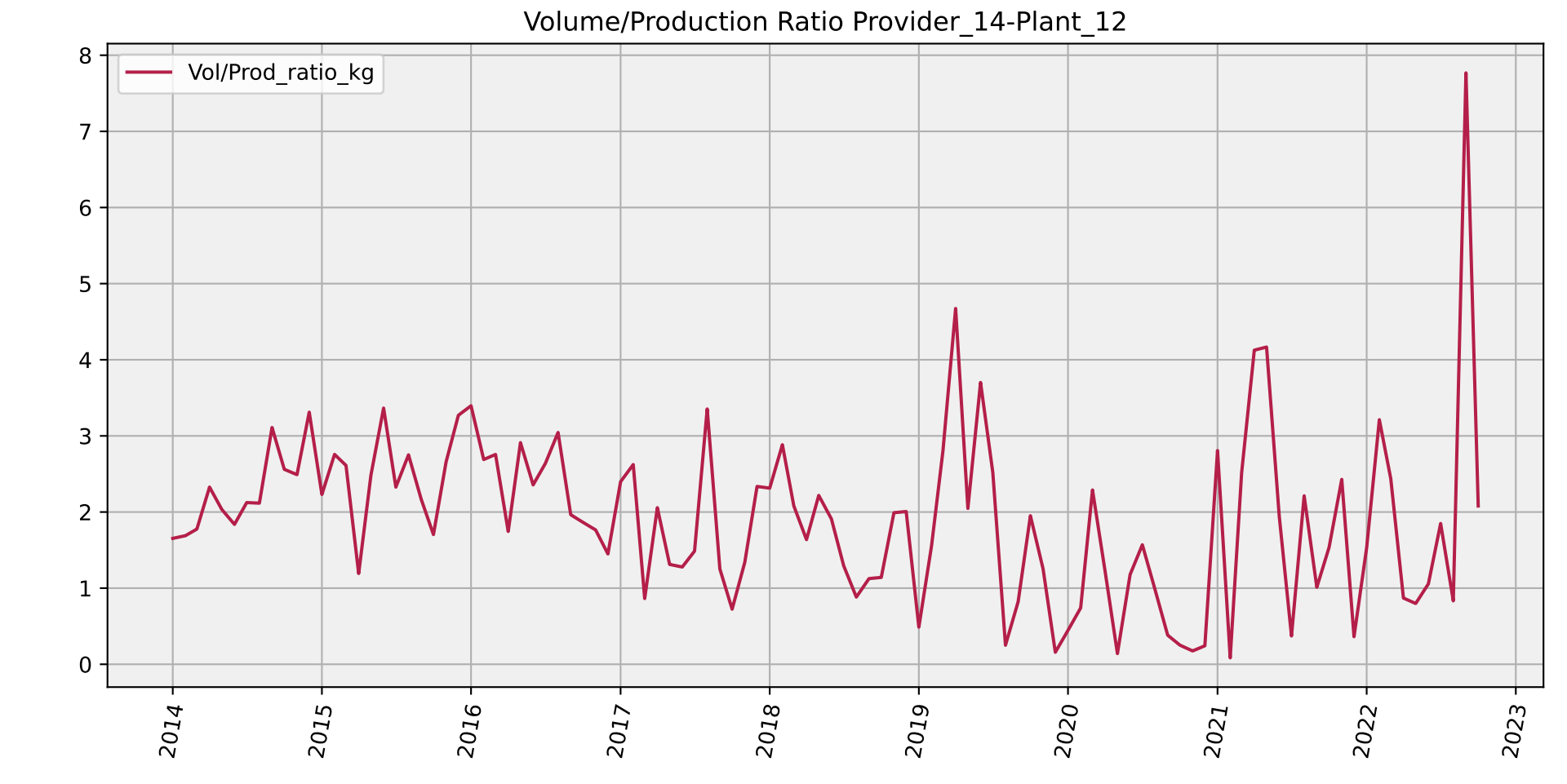


Volume/Production Ratio Provider_14-Plant_11

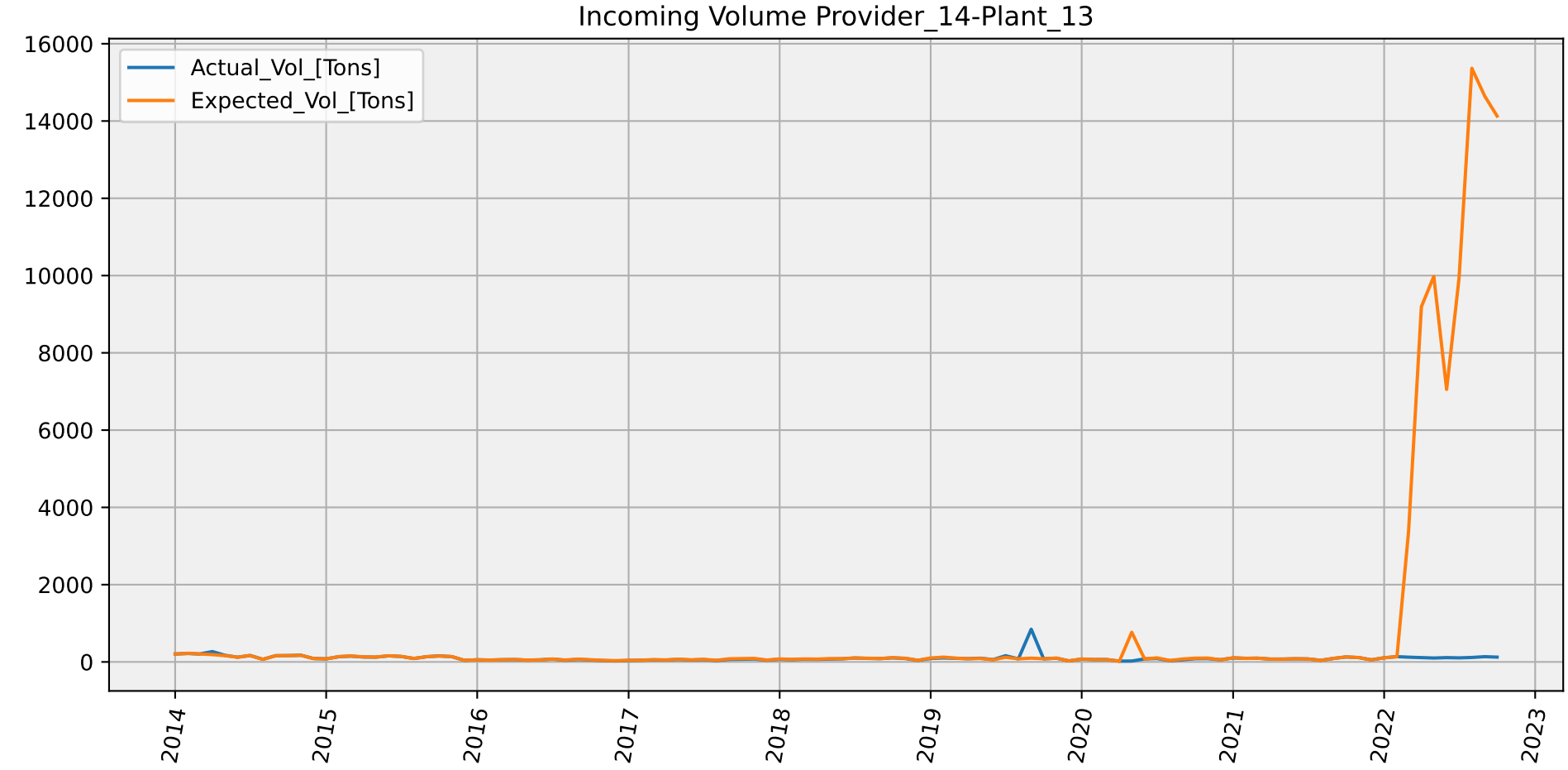



Incoming Volume Provider_14-Plant_12
Actual_Vol_[Tons]
Expected_Vol_[Tons]
0
10
20
30
40
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

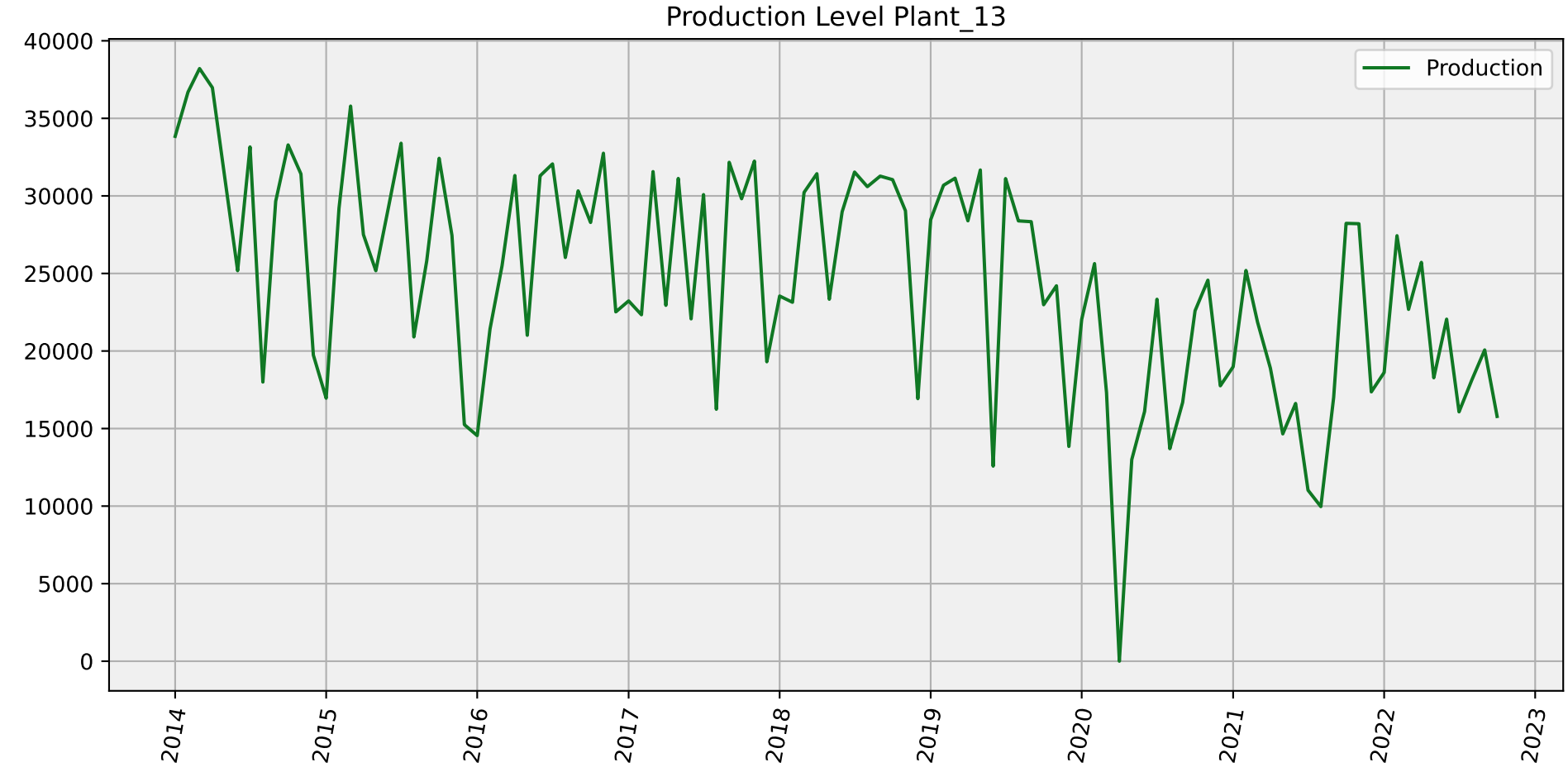

Production Level Plant_12
Production
0
2000
4000
6000
8000
10000
12000
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_14-Plant_12
Vol/Prod_ratio_kg
0
1
2
3
4
5
6
7
8
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

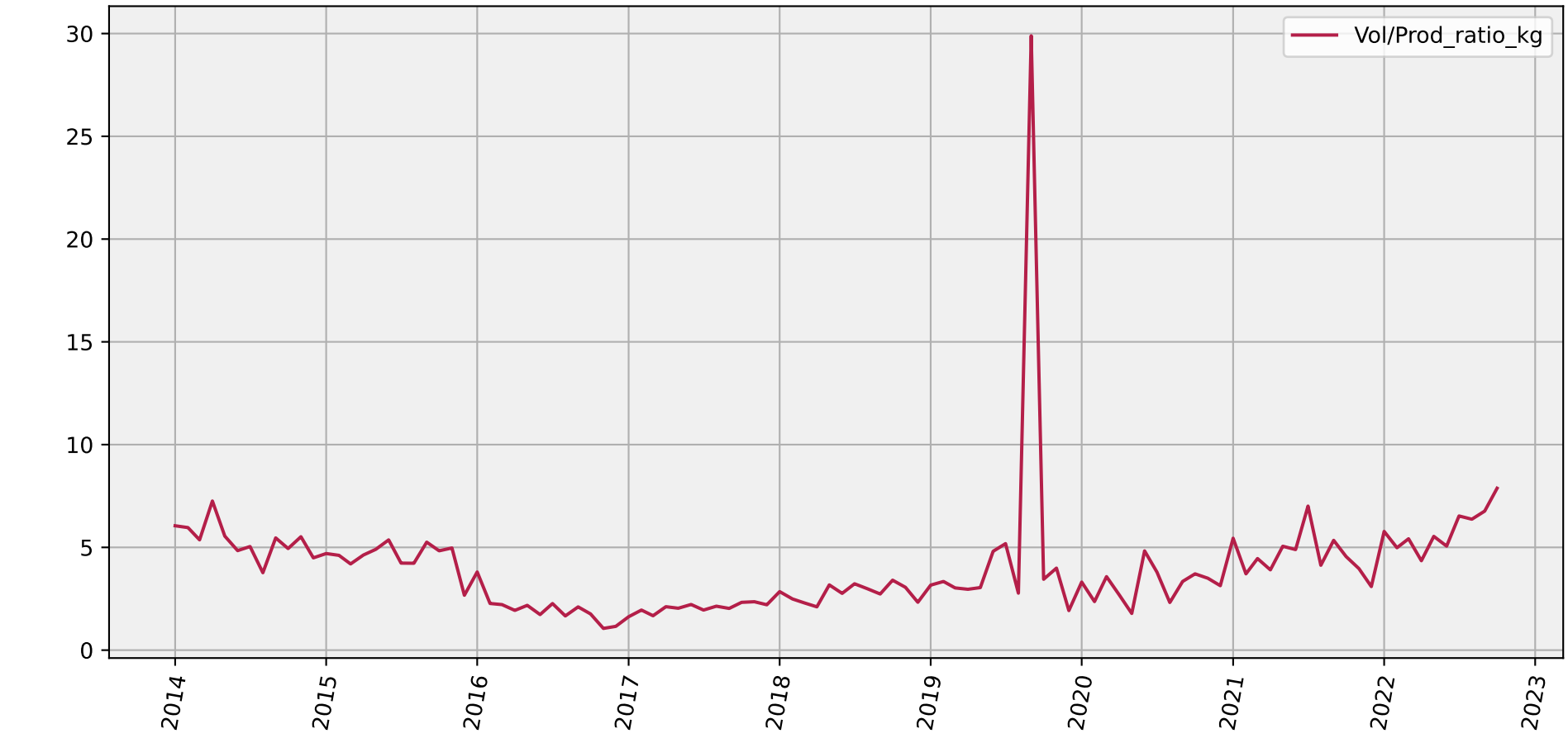
Incoming Volume Provider_14-Plant_13



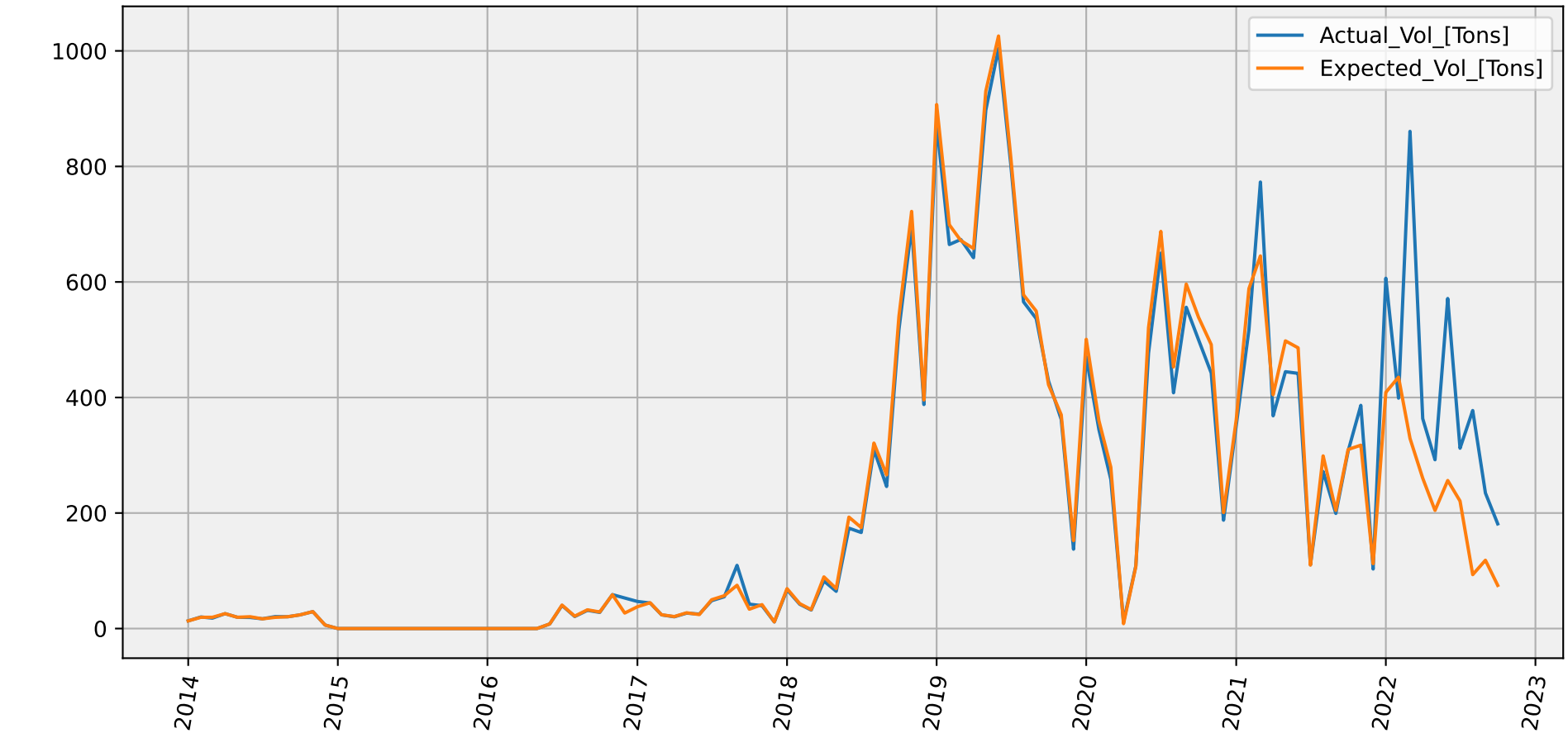
Production Level Plant_13



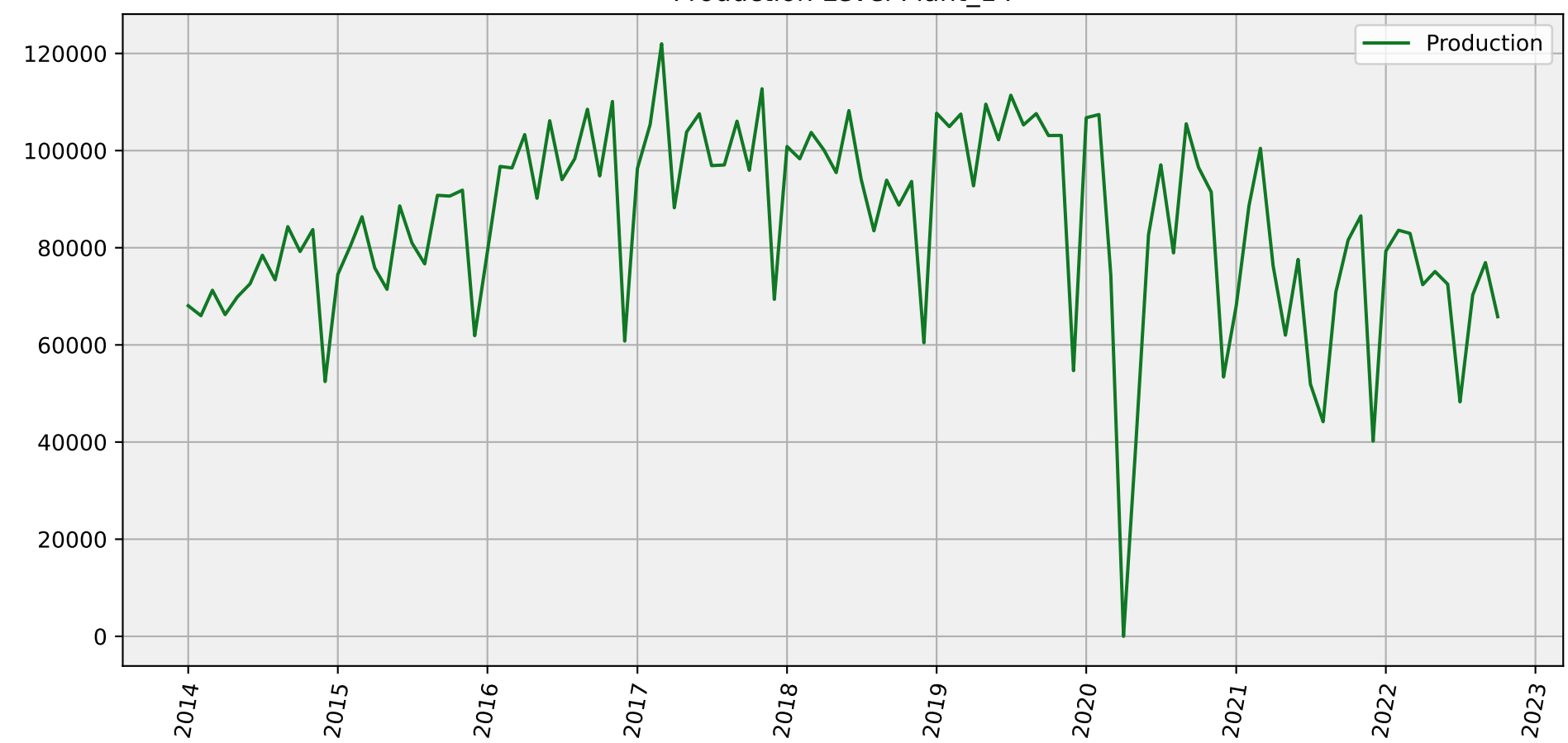
Volume/Production Ratio Provider_14-Plant_13



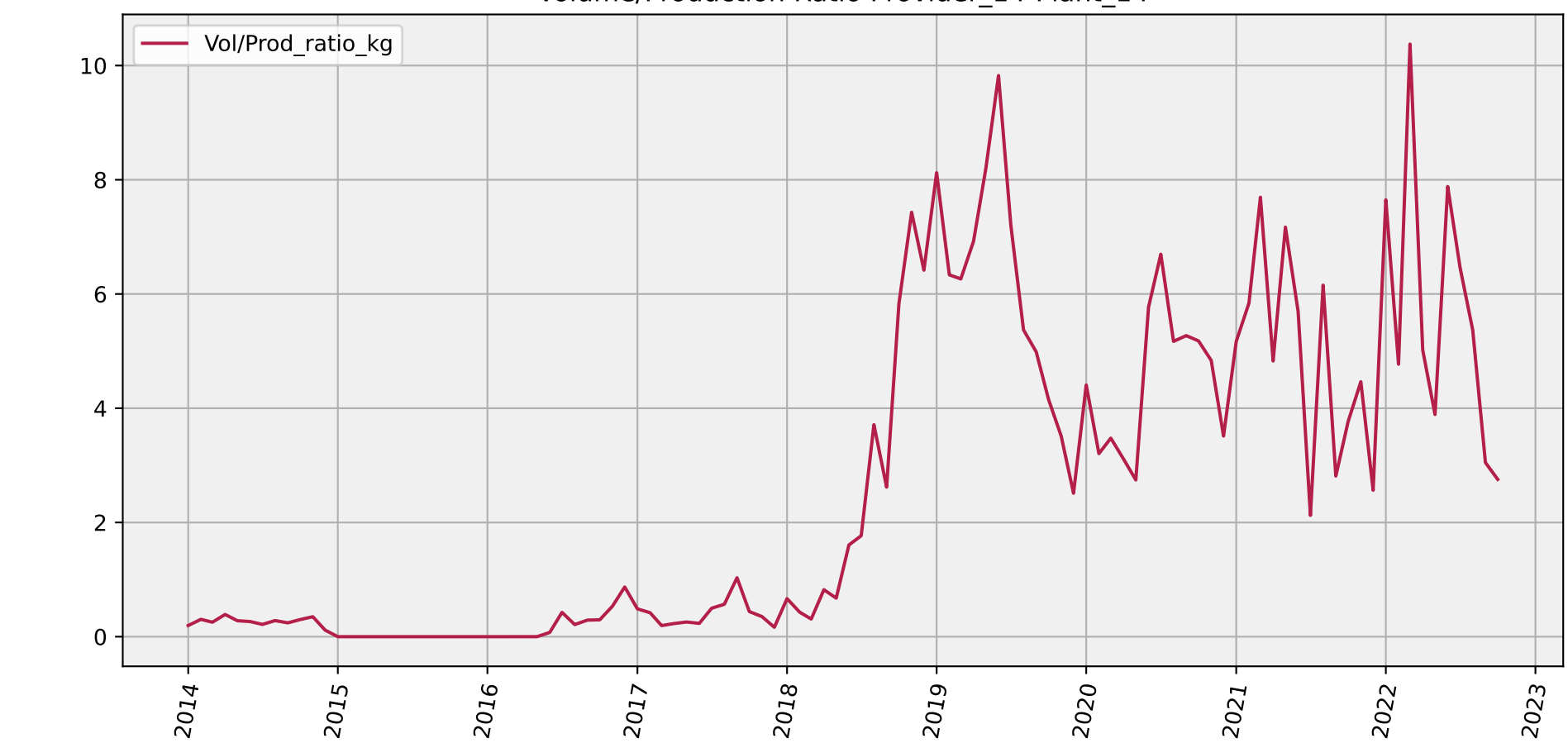
Incoming Volume Provider_14-Plant_14

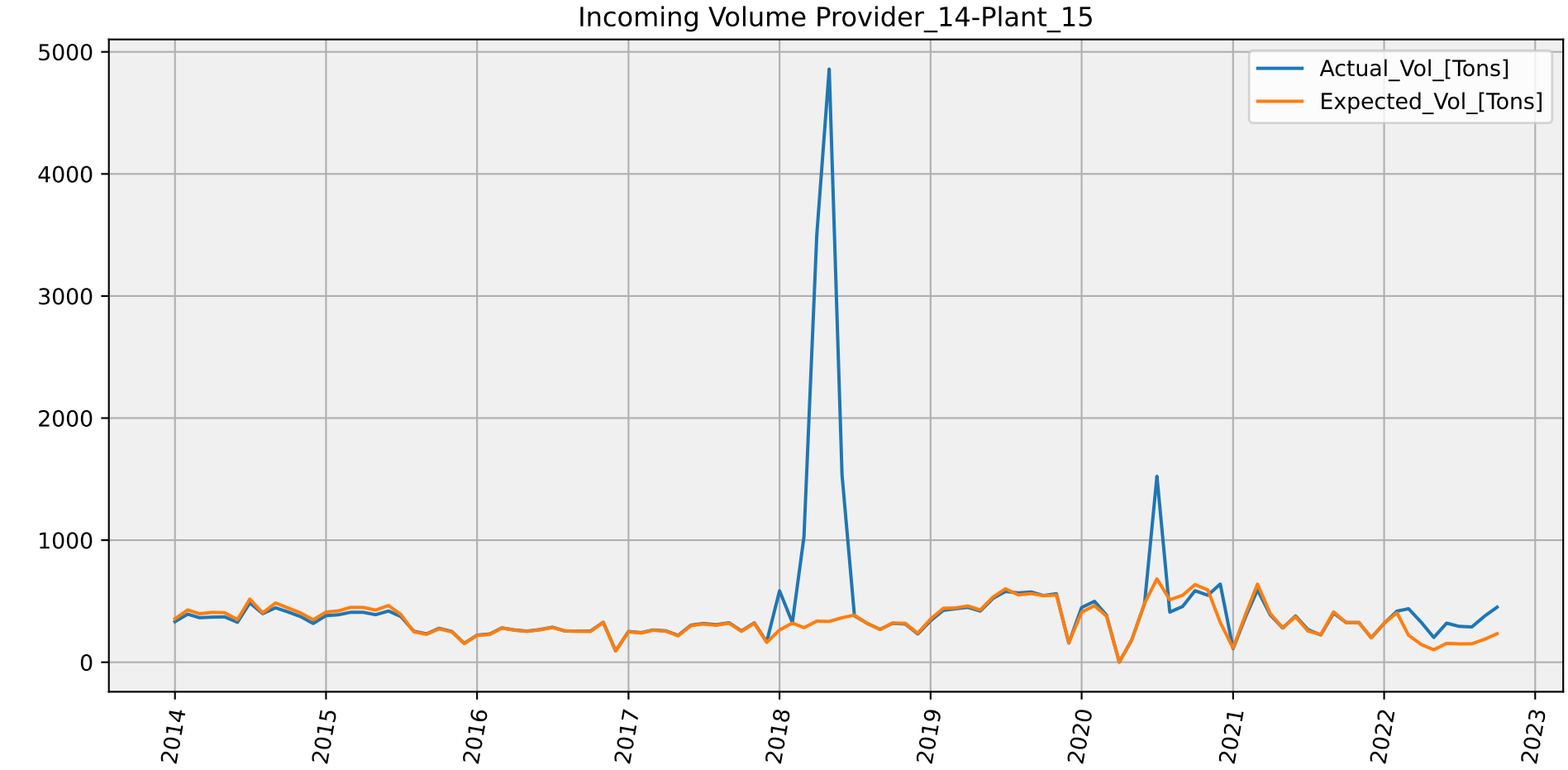


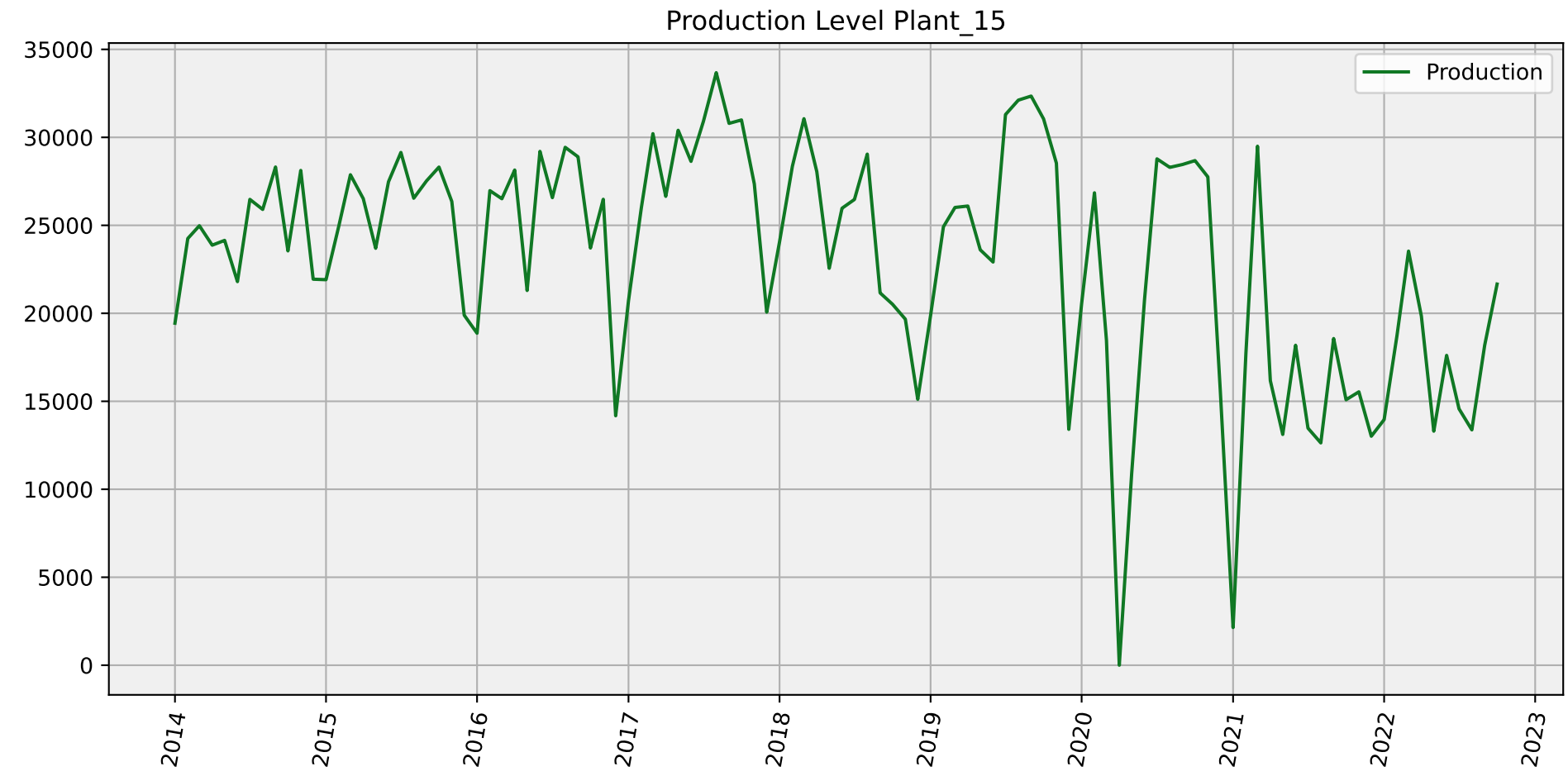
Production Level Plant_14

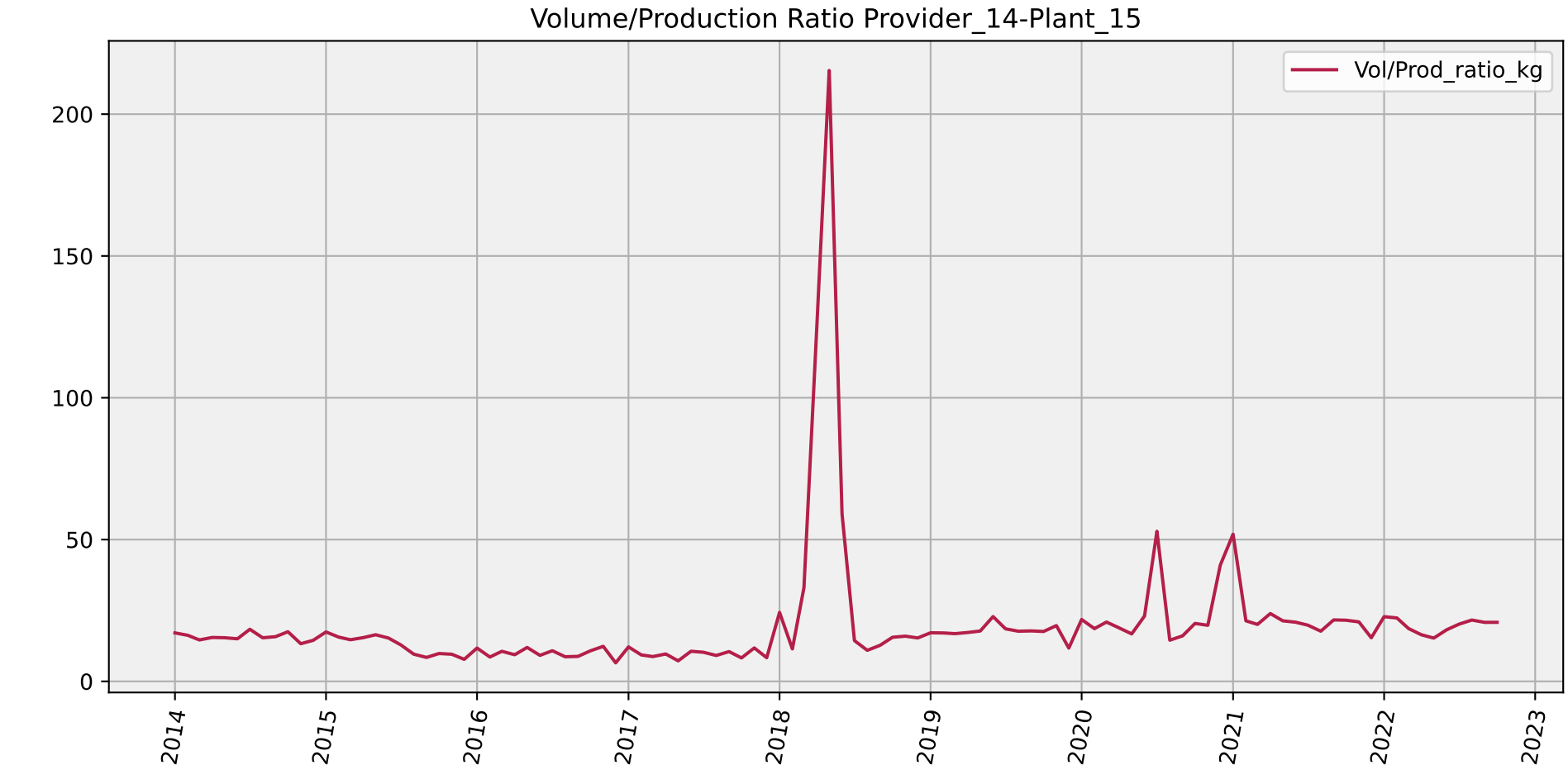


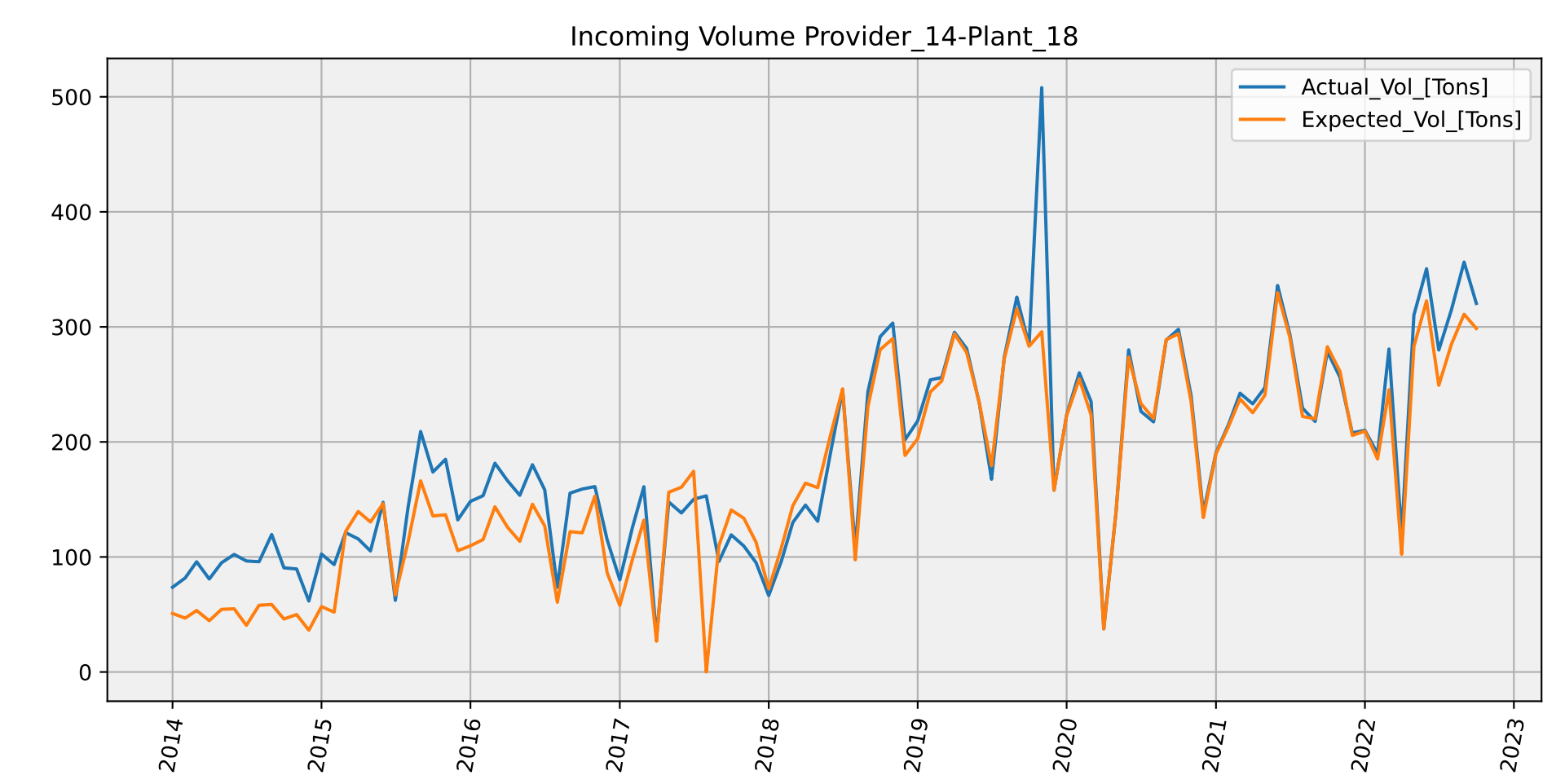
Volume/Production Ratio Provider_14-Plant_14

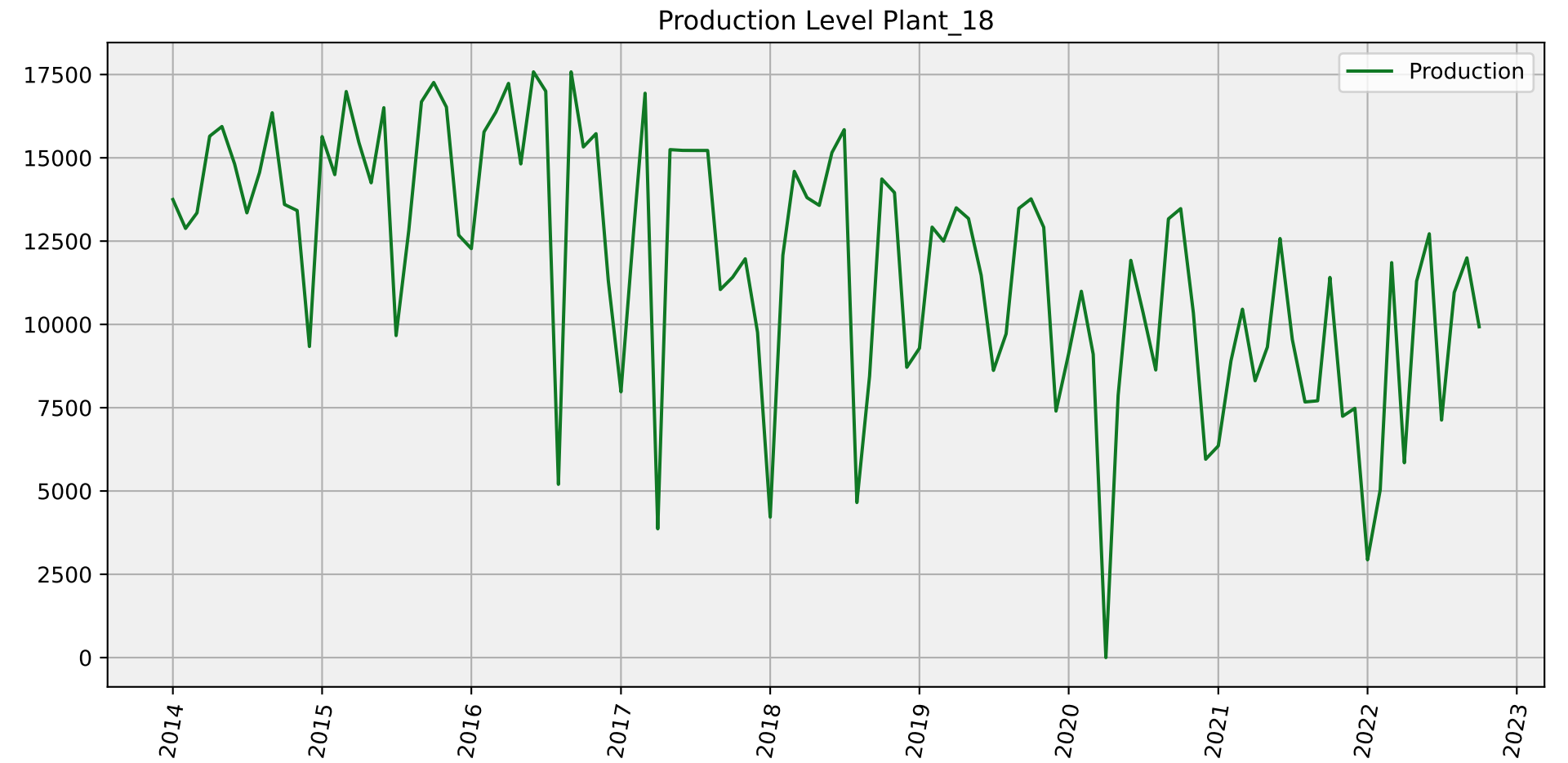


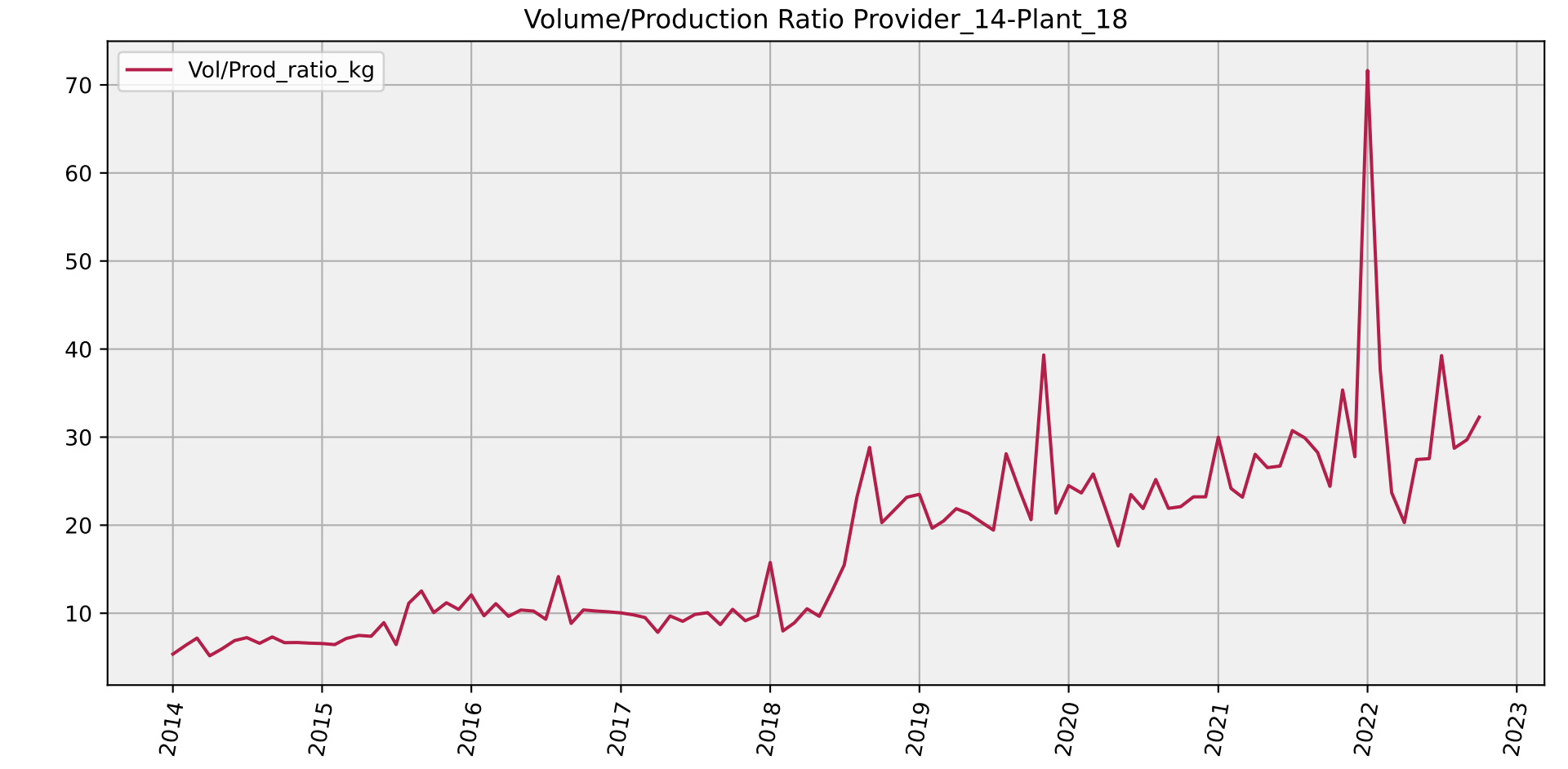

Incoming Volume Provider_14-Plant_15
Actual_Vol_[Tons]
Expected_Vol_[Tons]
5000
4000
3000
2000
1000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Production Level Plant_15
Production
35000
30000
25000
20000
15000
10000
5000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

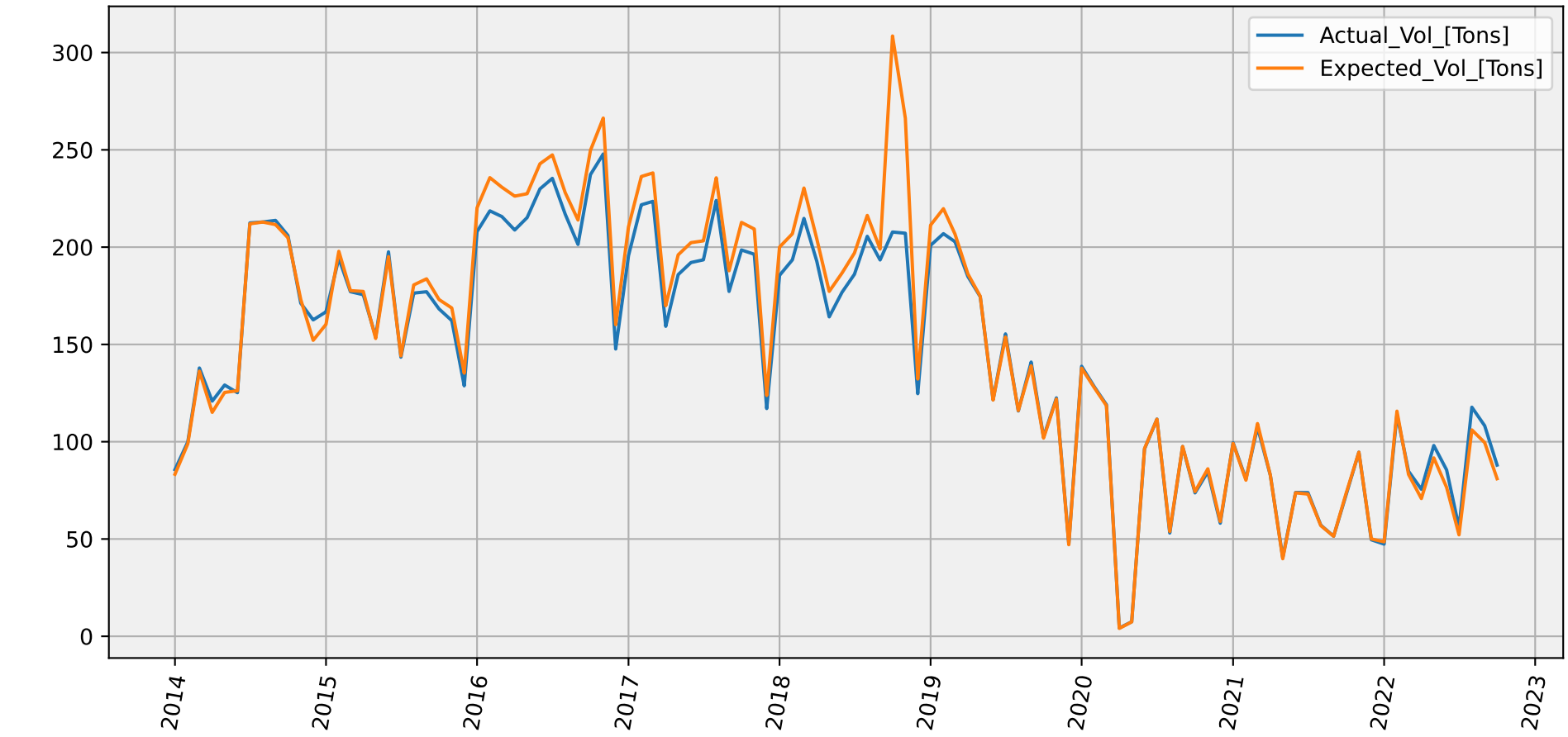

Volume/Production Ratio Provider_14-Plant_15
Vol/Prod_ratio_kg
200
150
100
50
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Incoming Volume Provider_14-Plant_18
Actual_Vol_[Tons]
Expected_Vol_[Tons]
500
400
300
200
100
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

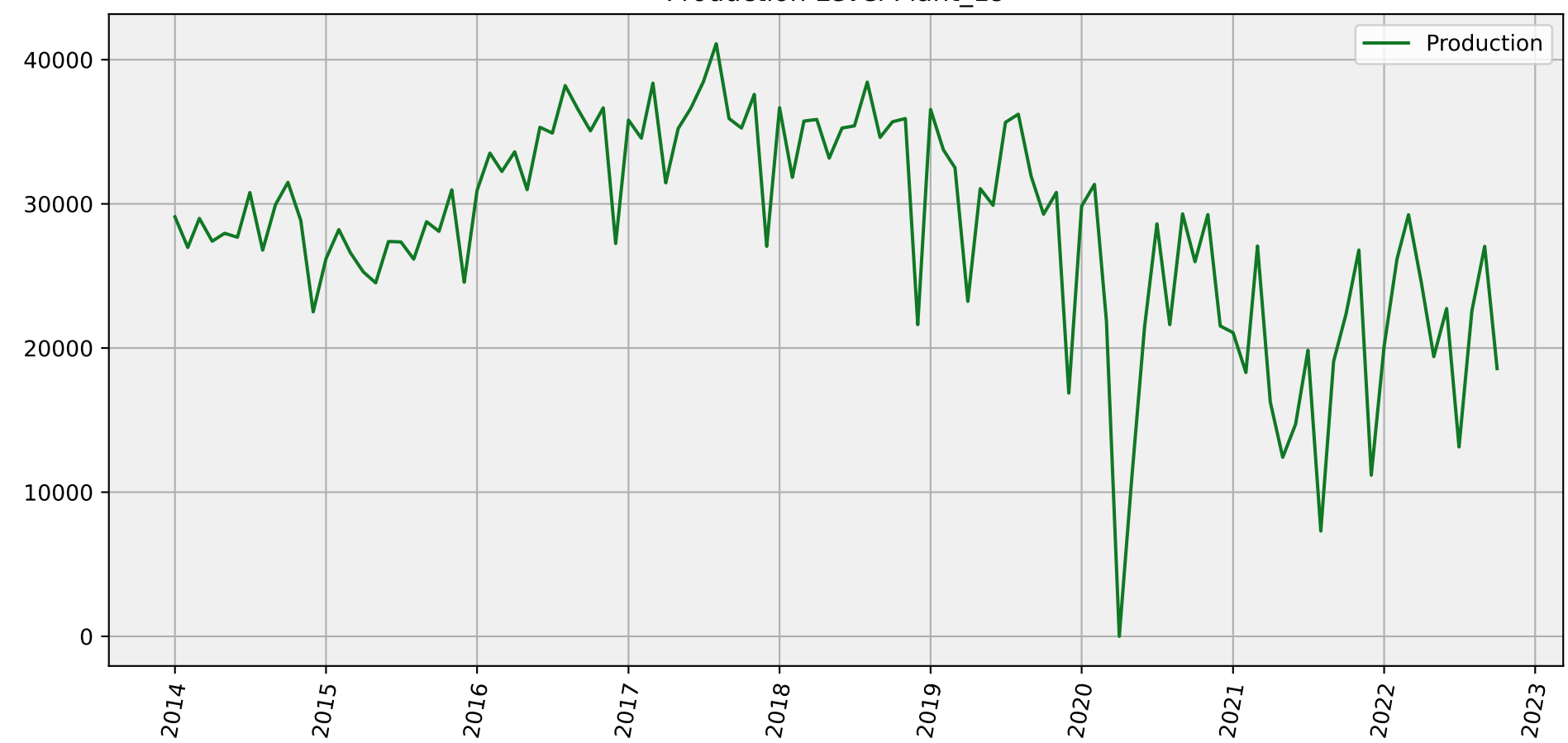

Production Level Plant_18
Production
17500
15000
12500
10000
7500
5000
2500
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_14-Plant_18
Vol/Prod_ratio_kg
70
60
50
40
30
20
10
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

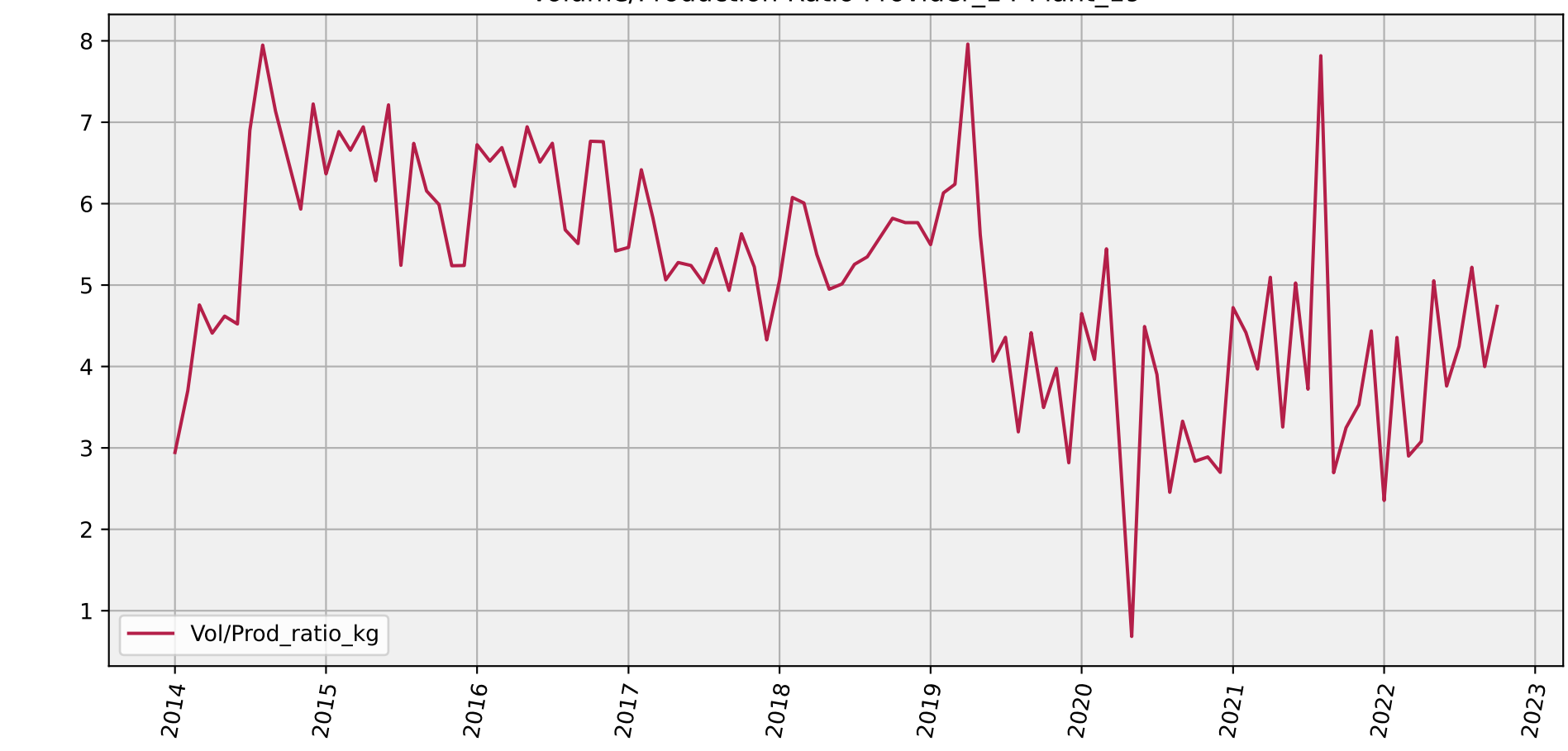
Incoming Volume Provider_14-Plant_19

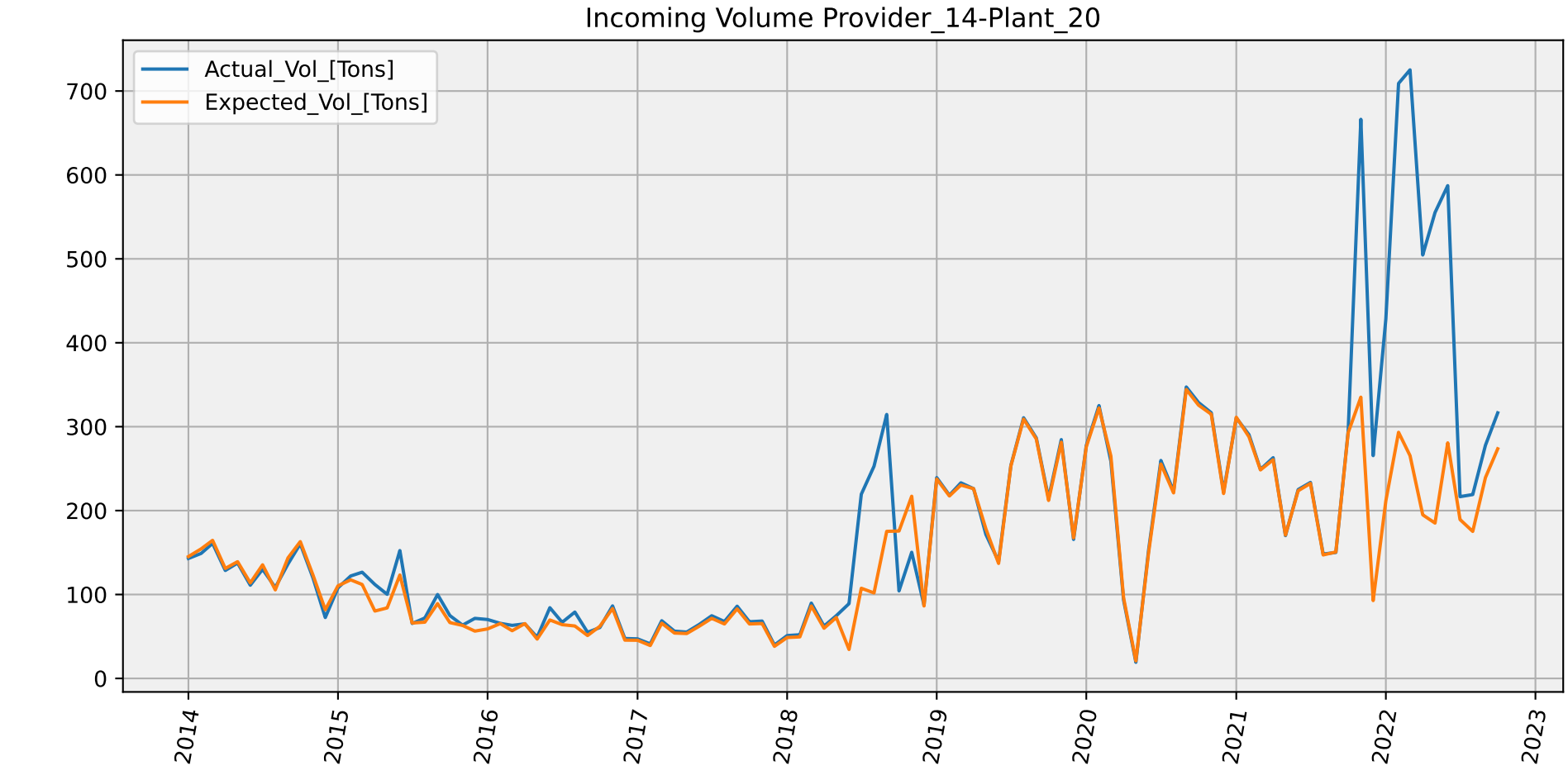


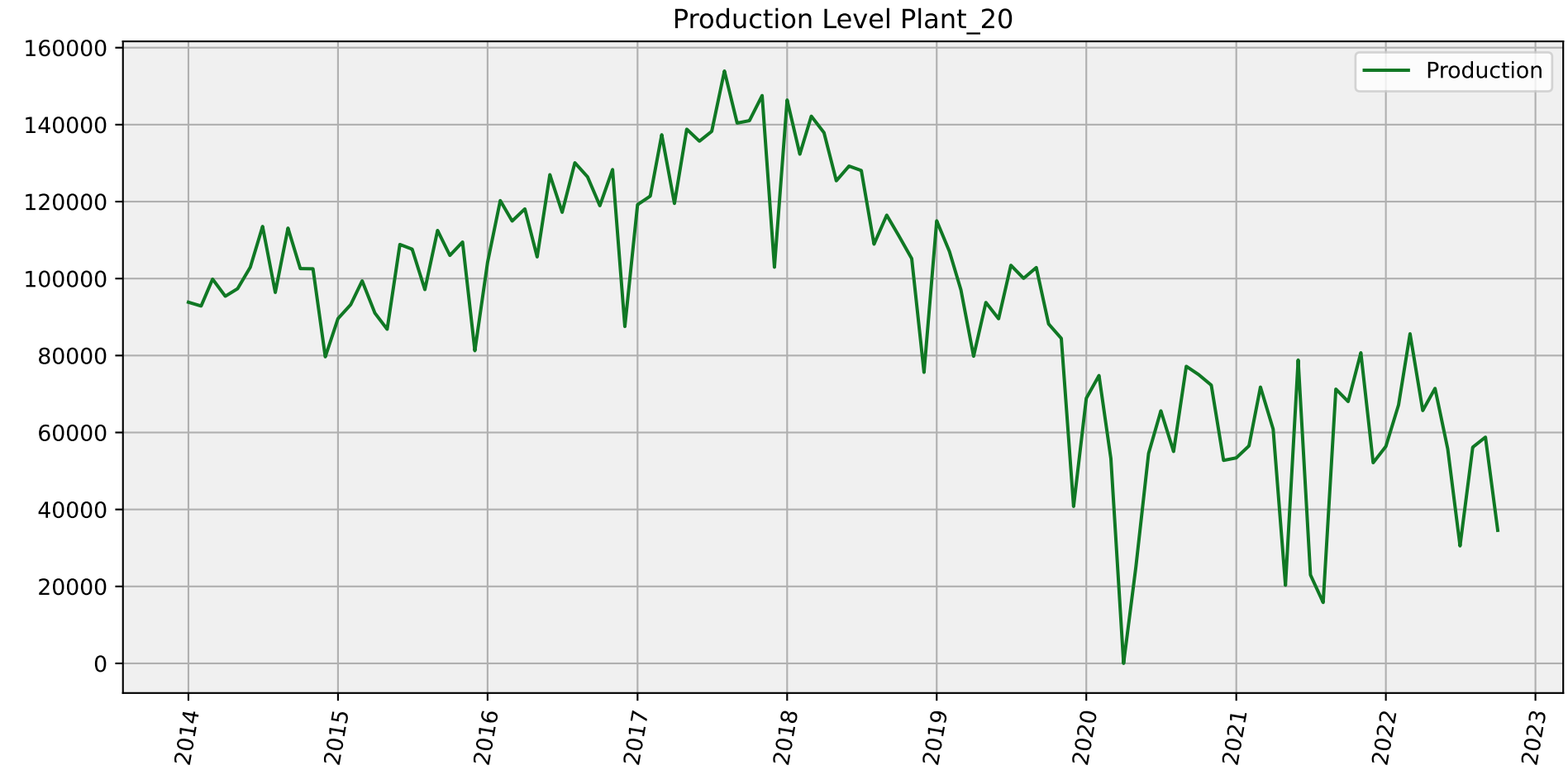
Production Level Plant_19

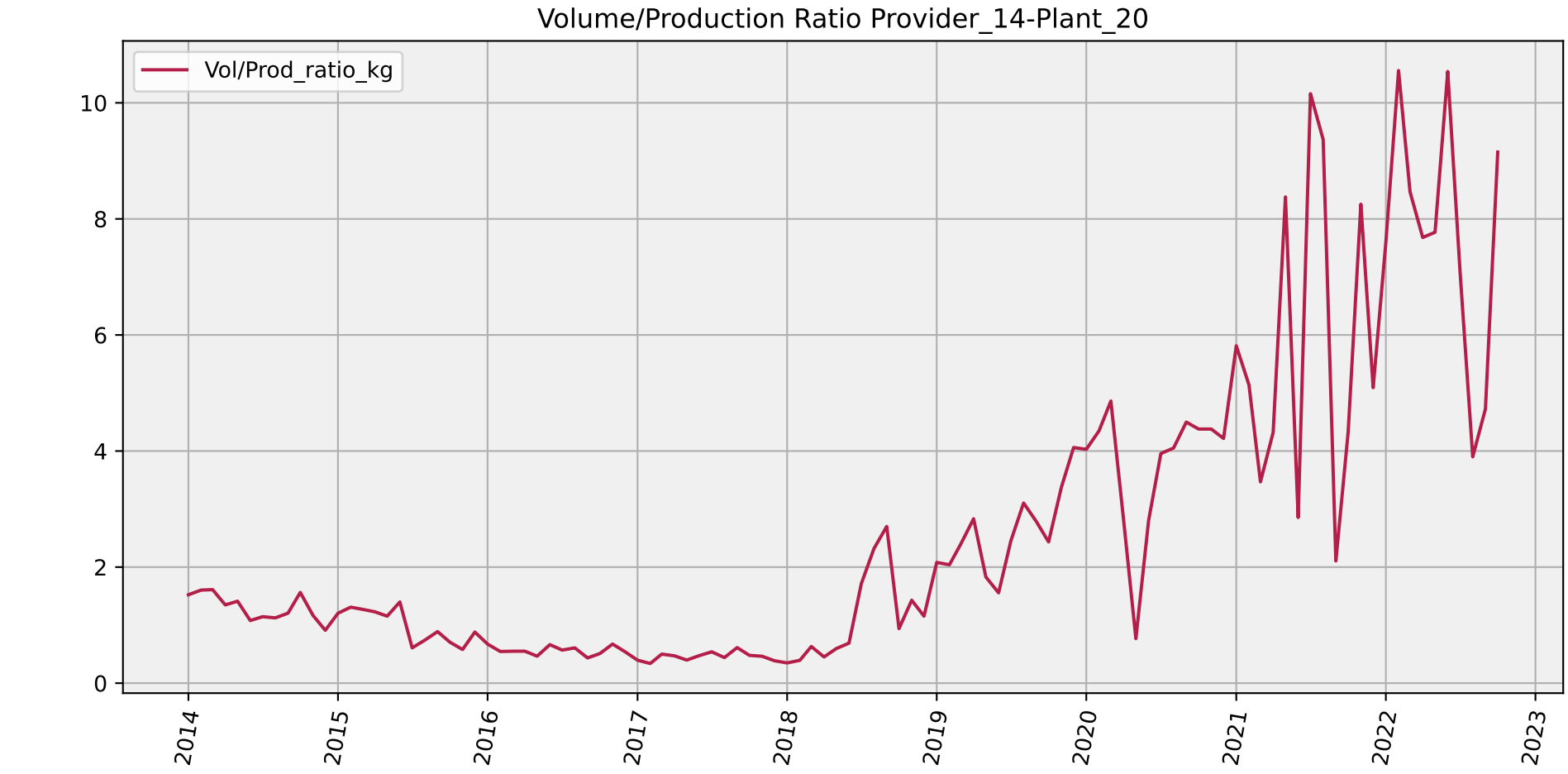


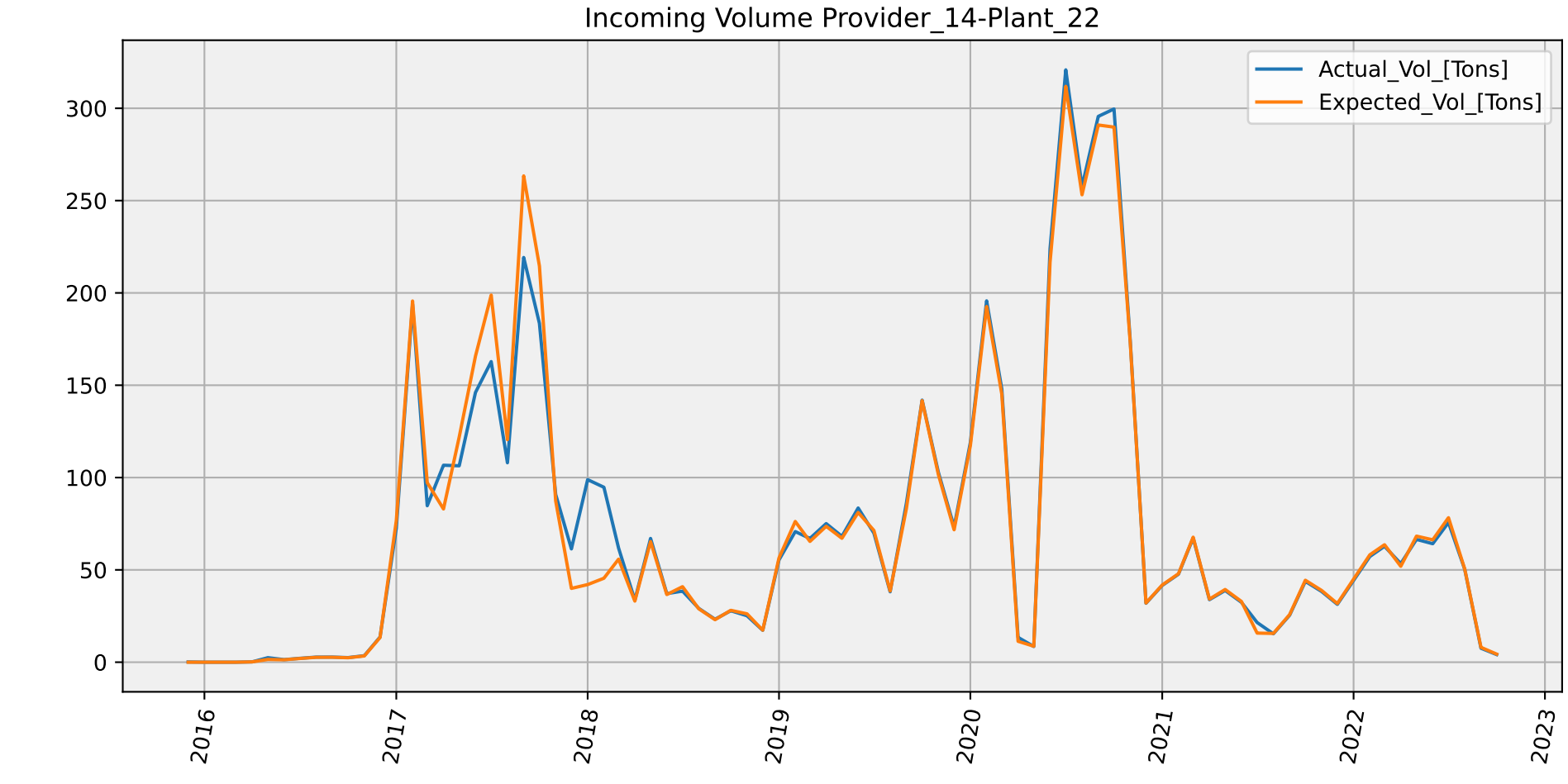
Volume/Production Ratio Provider_14-Plant_19

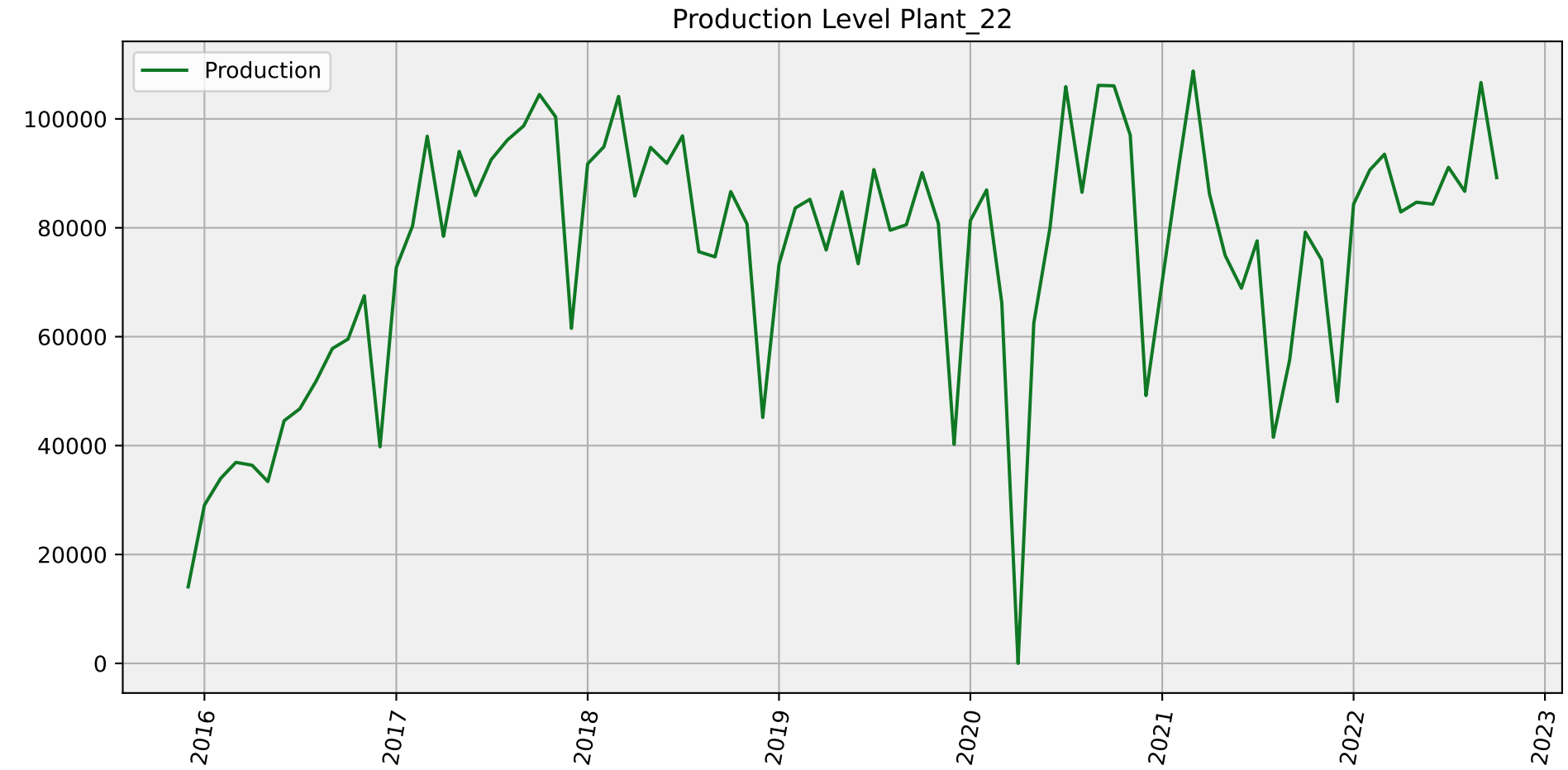


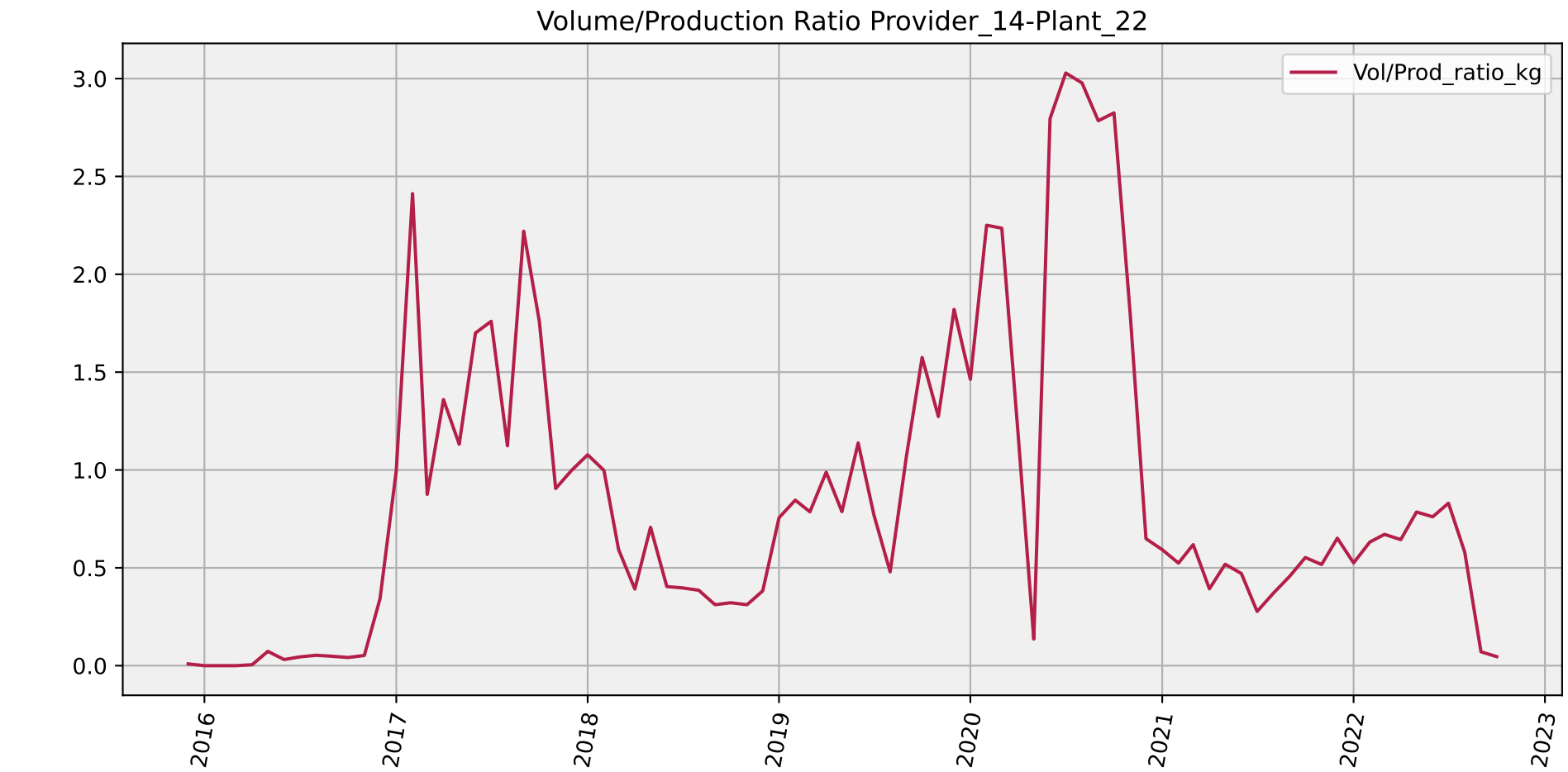

Incoming Volume Provider_14-Plant_20
Actual_Vol_[Tons]
Expected_Vol_[Tons]
0
100
200
300
400
500
600
700
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

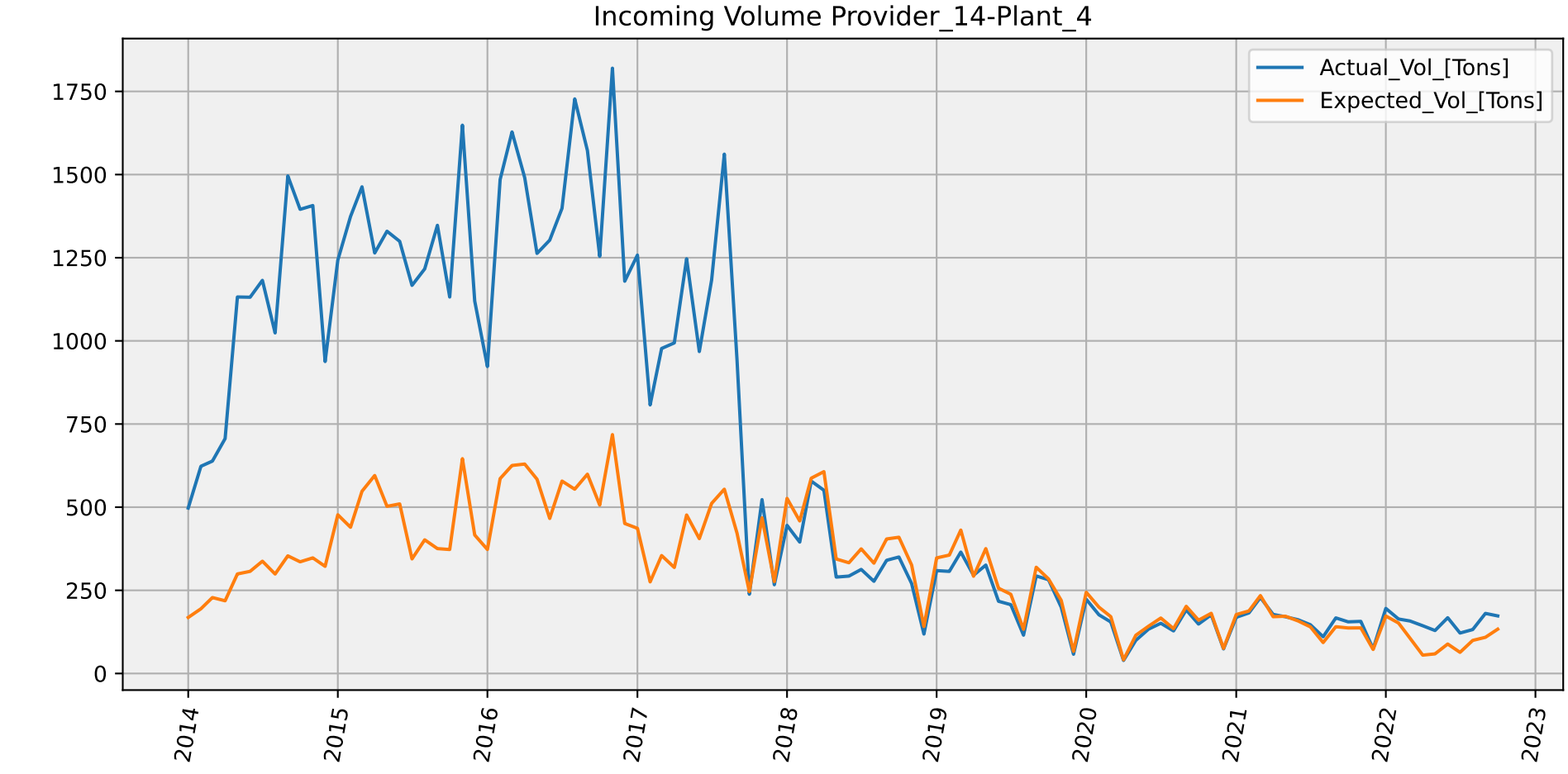

Production Level Plant_20
Production
0
20000
40000
60000
80000
100000
120000
140000
160000
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

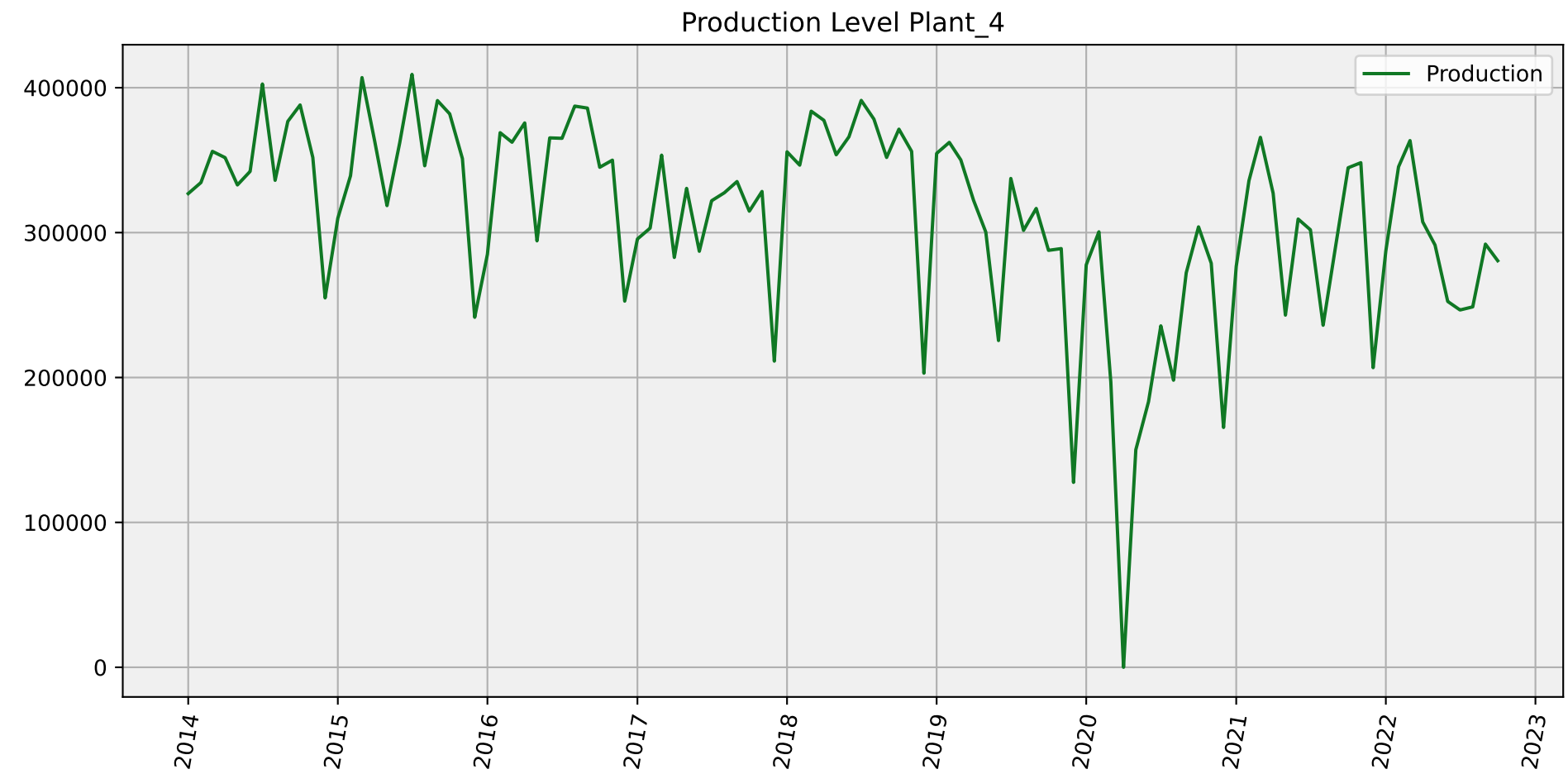

Volume/Production Ratio Provider_14-Plant_20
Vol/Prod_ratio_kg
0
2
4
6
8
10
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

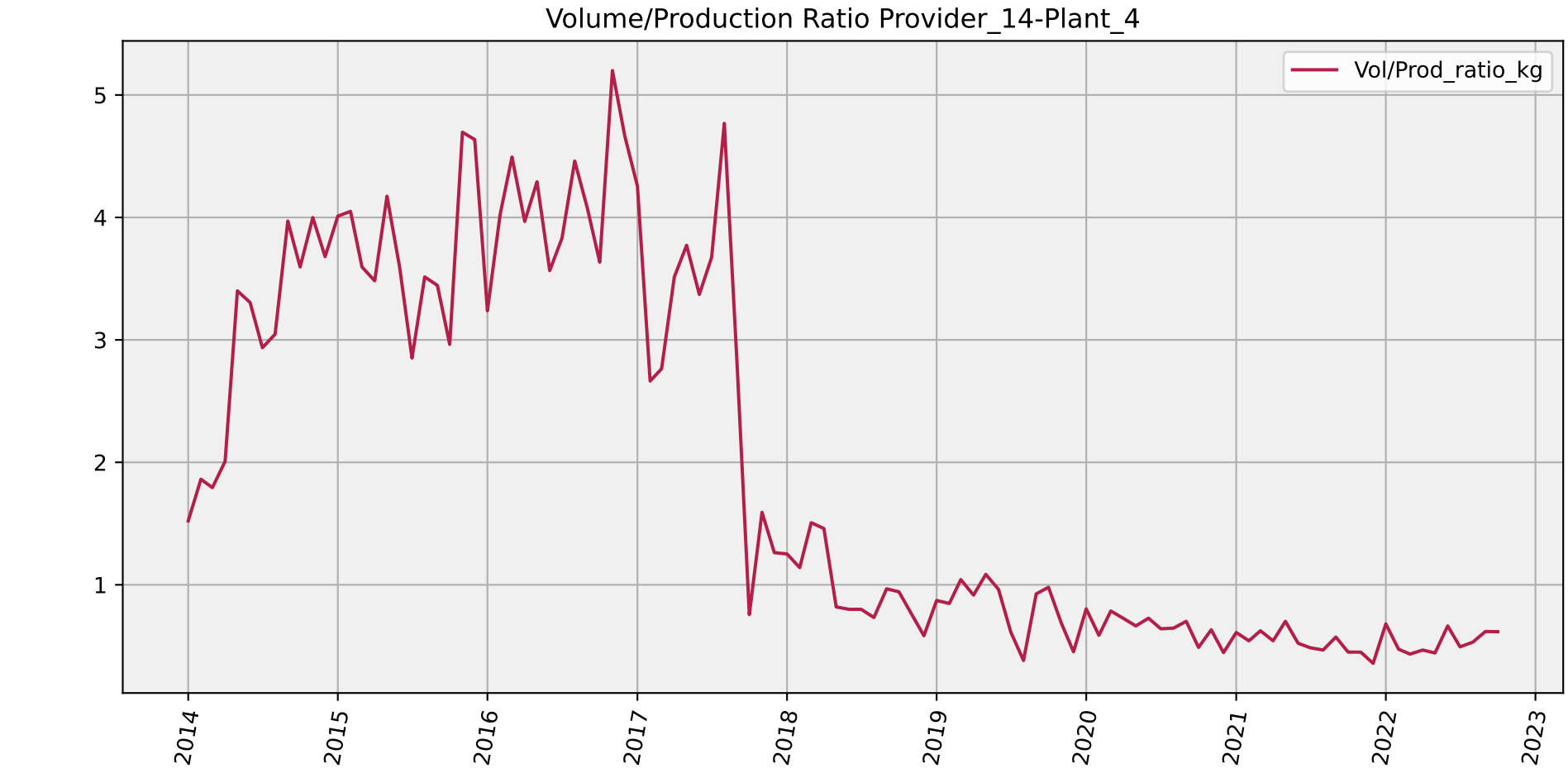

Incoming Volume Provider_14-Plant_22
Actual_Vol_[Tons]
Expected_Vol_[Tons]
300
250
200
150
100
50
0
2016
2017
2018
2019
2020
2021
2022
2023

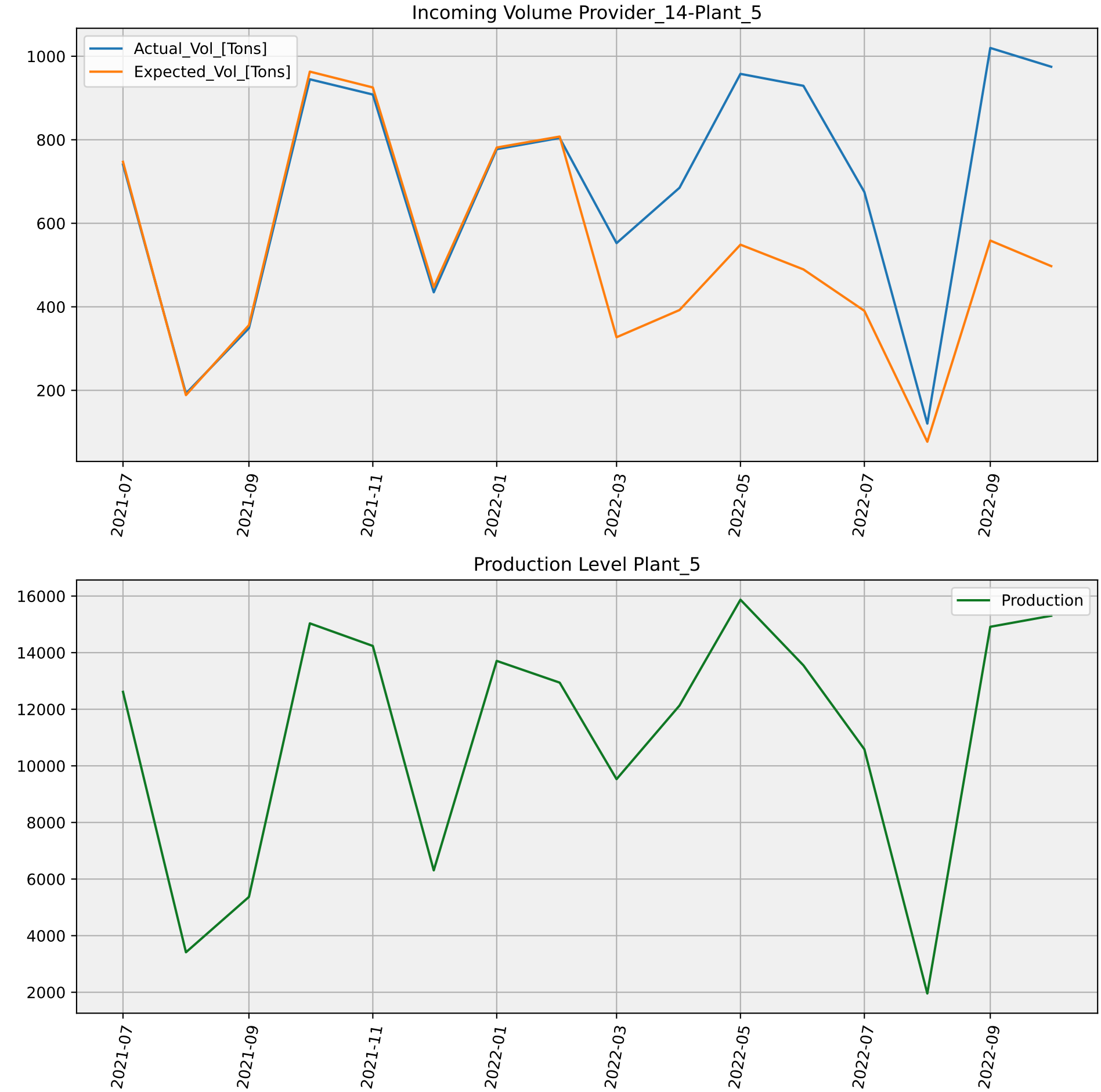

Production Level Plant_22
Production
100000
80000
60000
40000
20000
0
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_14-Plant_22
Vol/Prod_ratio_kg
3.0
2.5
2.0
1.5
1.0
0.5
0.0
2016
2017
2018
2019
2020
2021
2022
2023

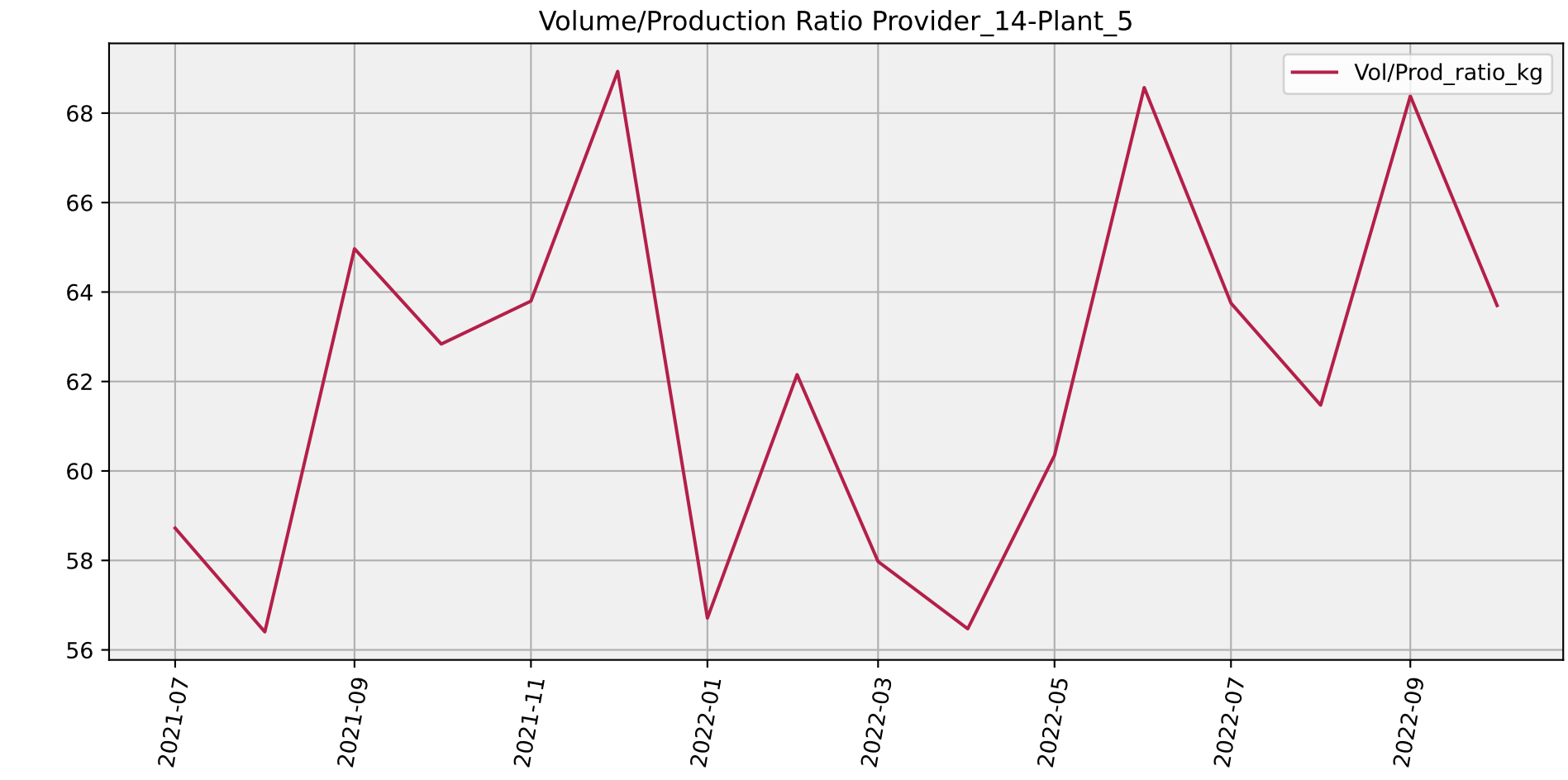

Incoming Volume Provider_14-Plant_4
Actual_Vol_[Tons]
Expected_Vol_[Tons]
1750
1500
1250
1000
750
500
250
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

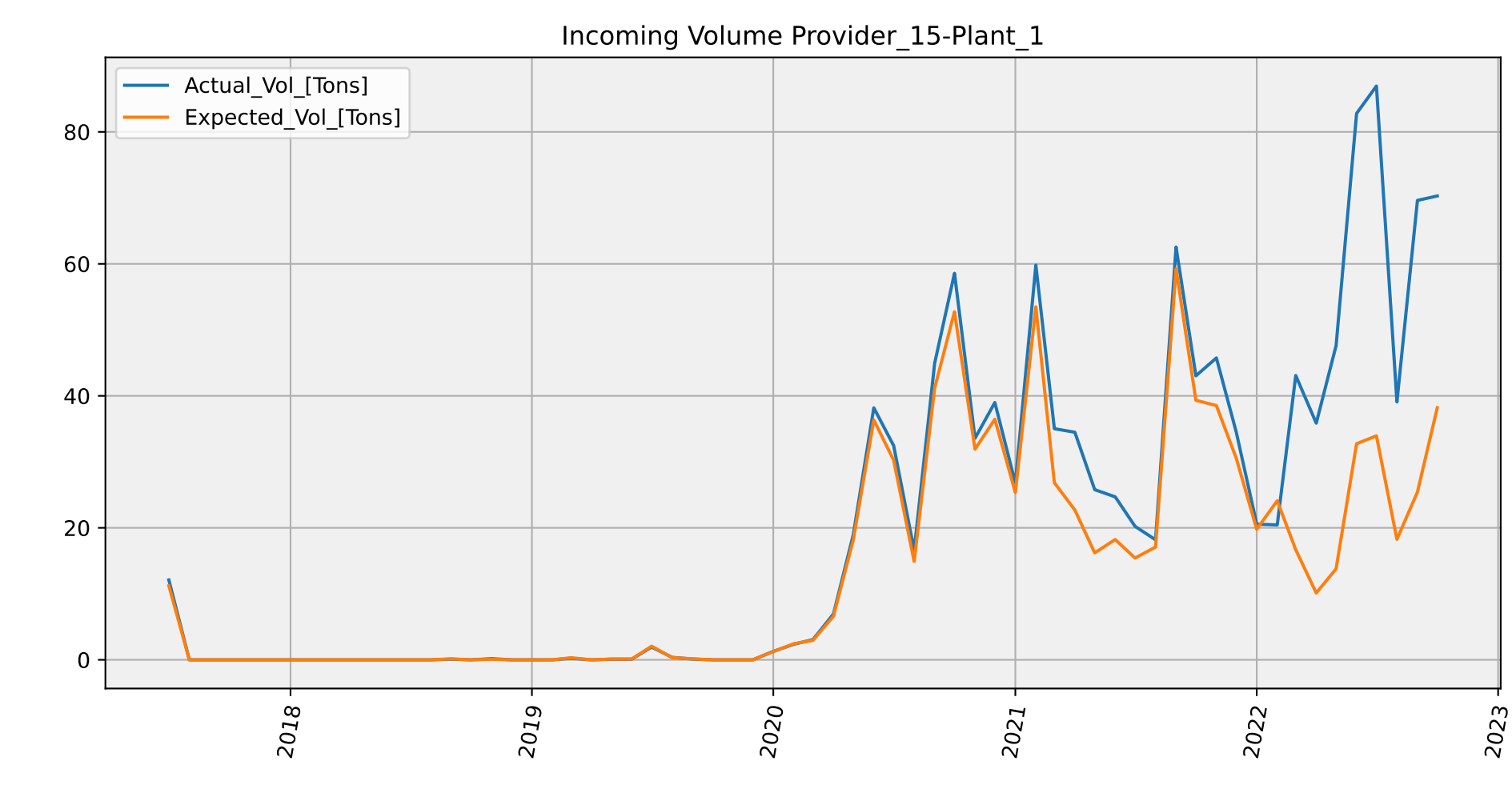

Production Level Plant_4
Production
400000
300000
200000
100000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

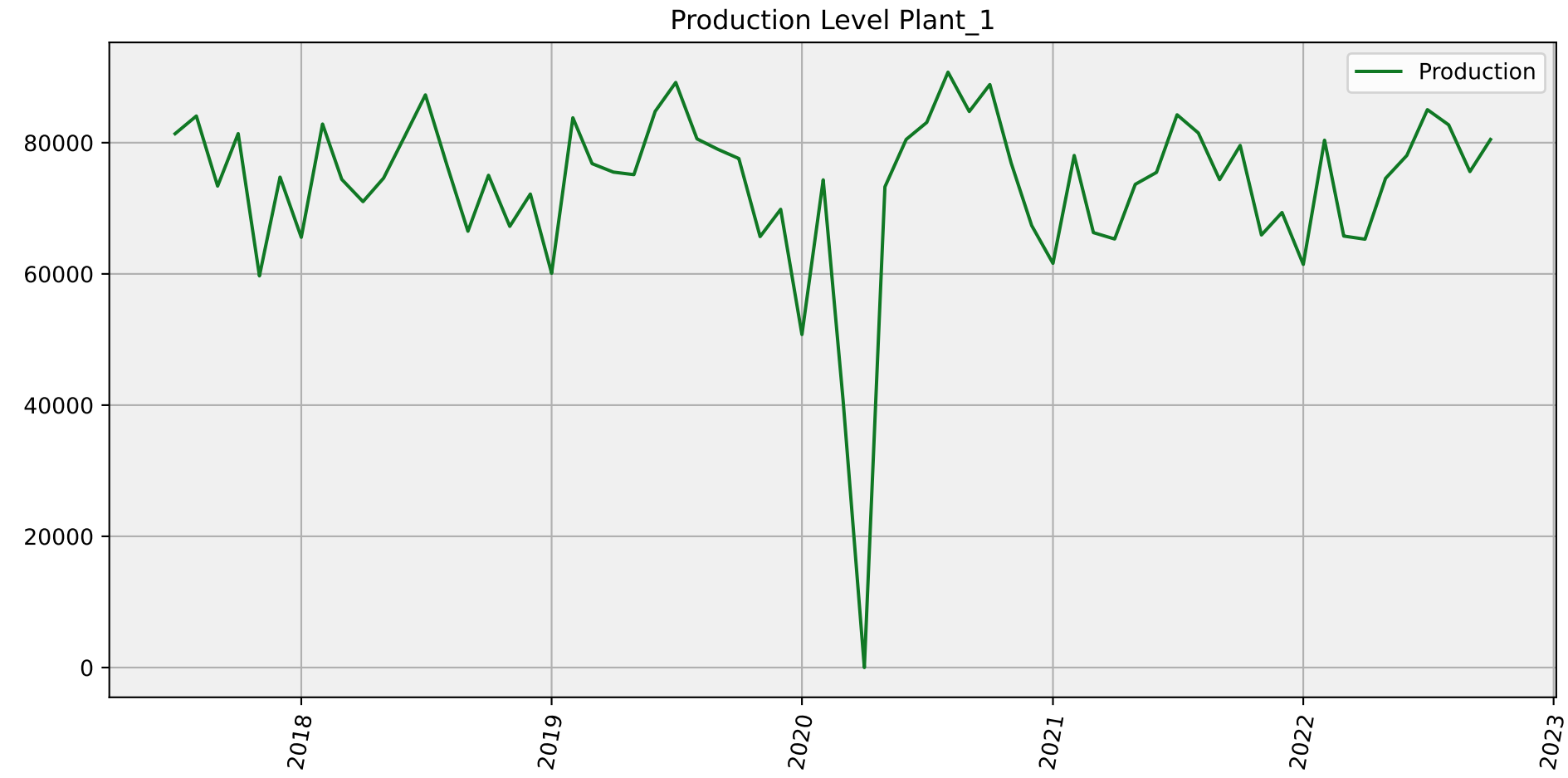

Volume/Production Ratio Provider_14-Plant_4
Vol/Prod_ratio_kg
5
4
3
2
1
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

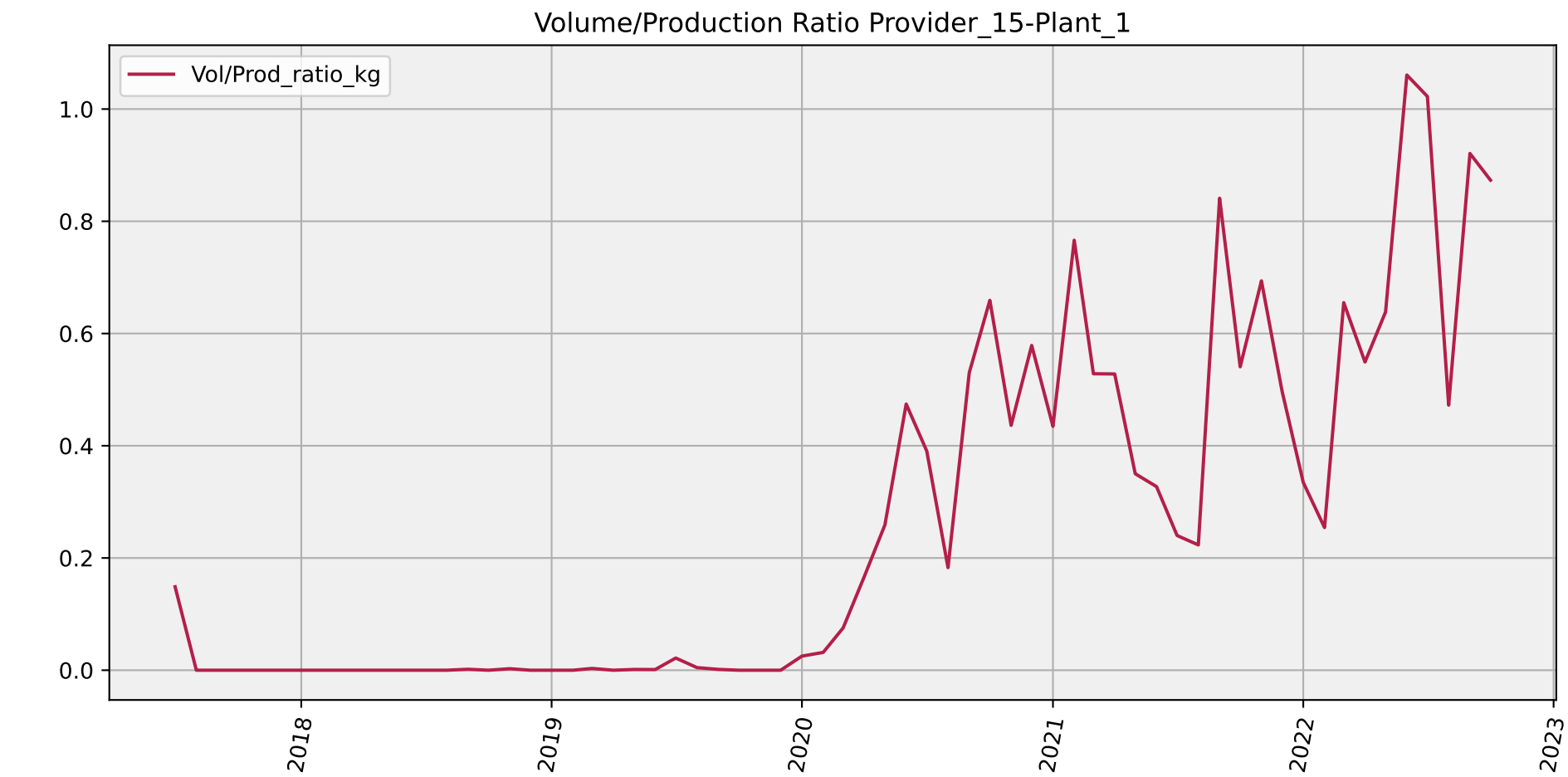

Incoming Volume Provider_14-Plant_5
Actual_Vol_[Tons]
Expected_Vol_[Tons]
1000
800
600
400
200
2021-07
2021-09
2021-11
2022-01
2022-03
2022-05
2022-07
2022-09

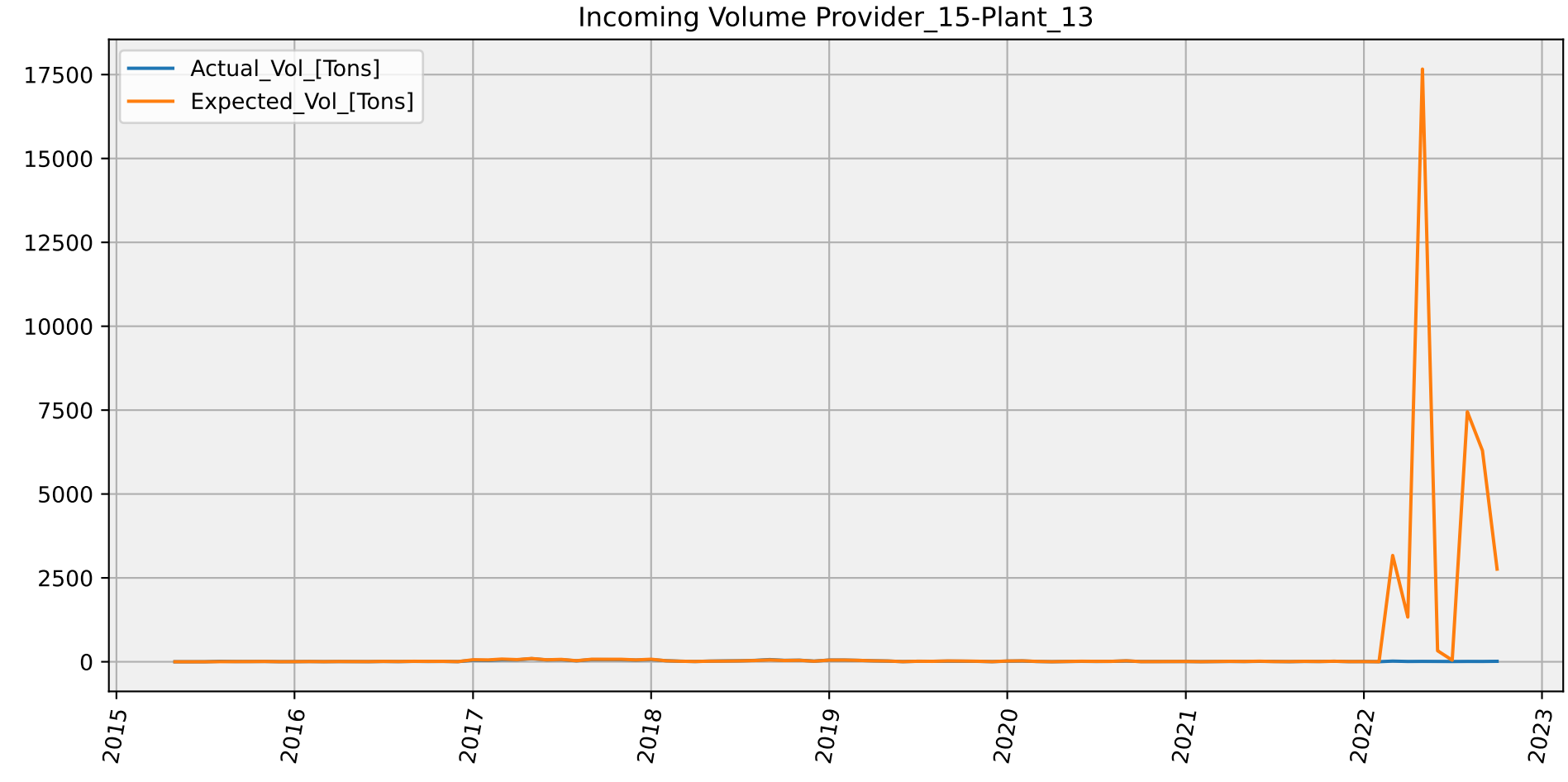
Production Level Plant_5
Production
16000
14000
12000
10000
8000
6000
4000
2000
2021-07
2021-09
2021-11
2022-01
2022-03
2022-05
2022-07
2022-09

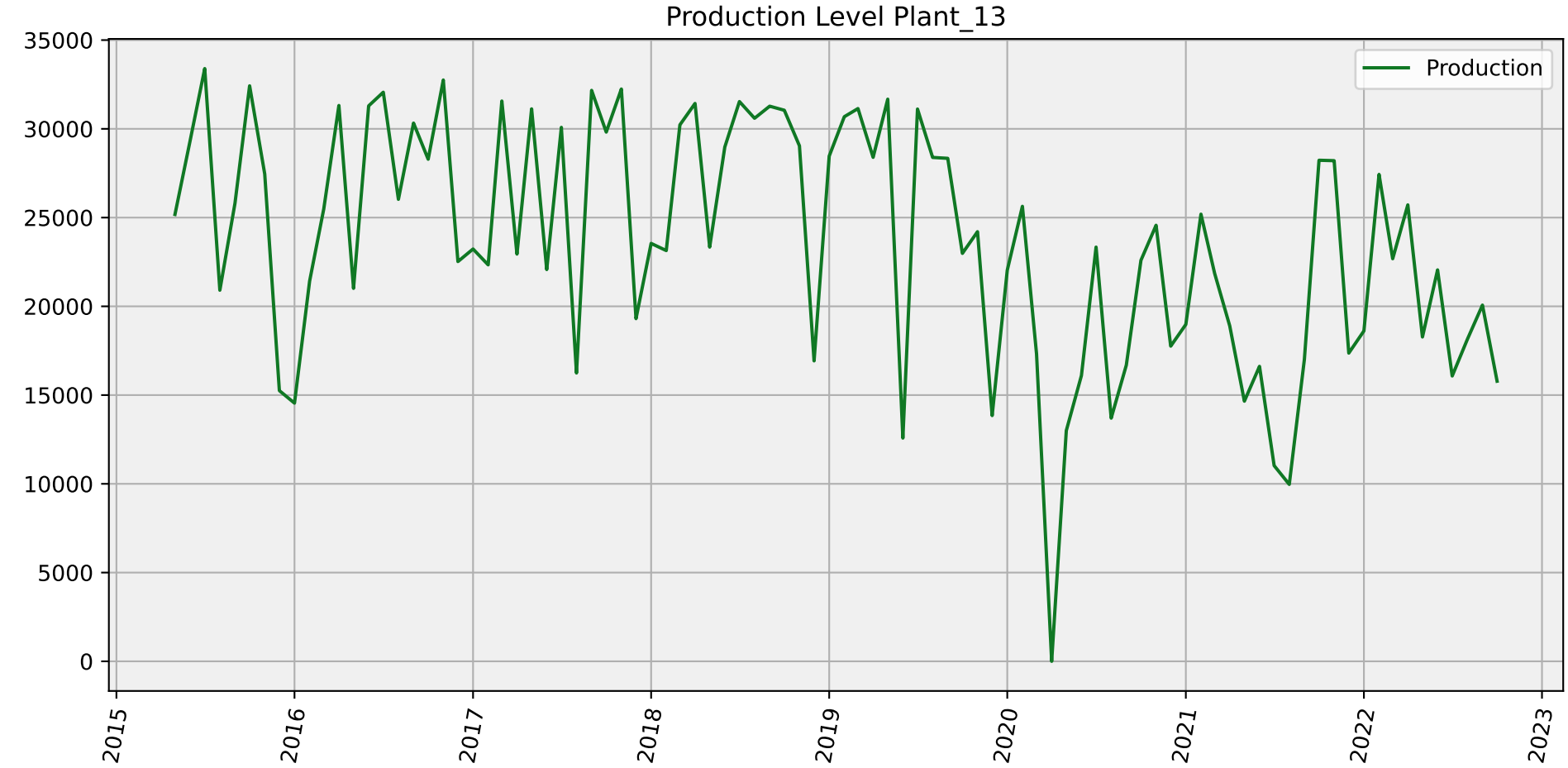

Volume/Production Ratio Provider_14-Plant_5
Vol/Prod_ratio_kg
68
66
64
62
60
58
56
2021-07
2021-09
2021-11
2022-01
2022-03
2022-05
2022-07
2022-09

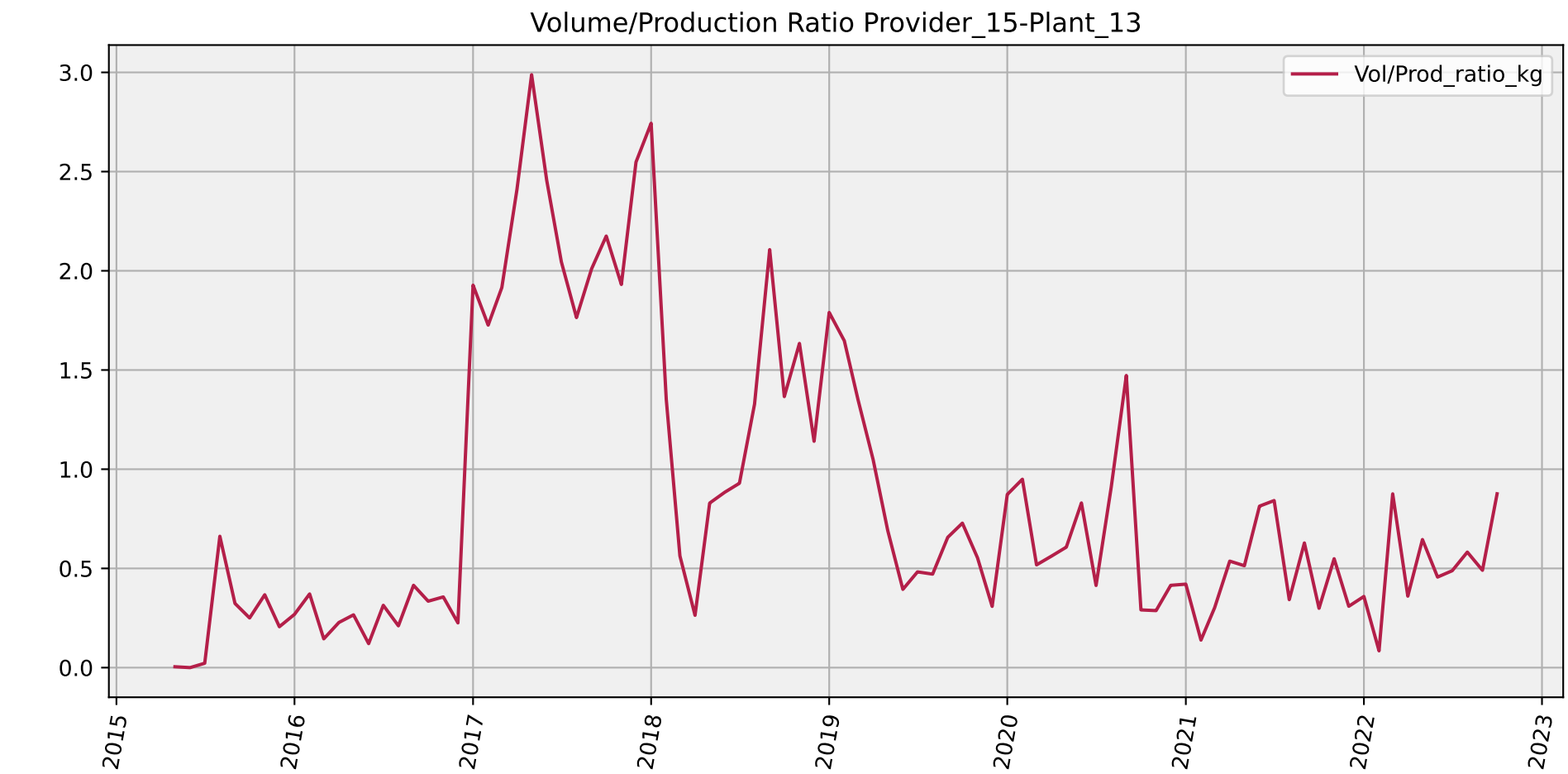

Incoming Volume Provider_15-Plant_1
Actual_Vol_[Tons]
Expected_Vol_[Tons]
0
20
40
60
80
2018
2019
2020
2021
2022
2023


Production Level Plant_1
Production
0
20000
40000
60000
80000
2018
2019
2020
2021
2022
2023

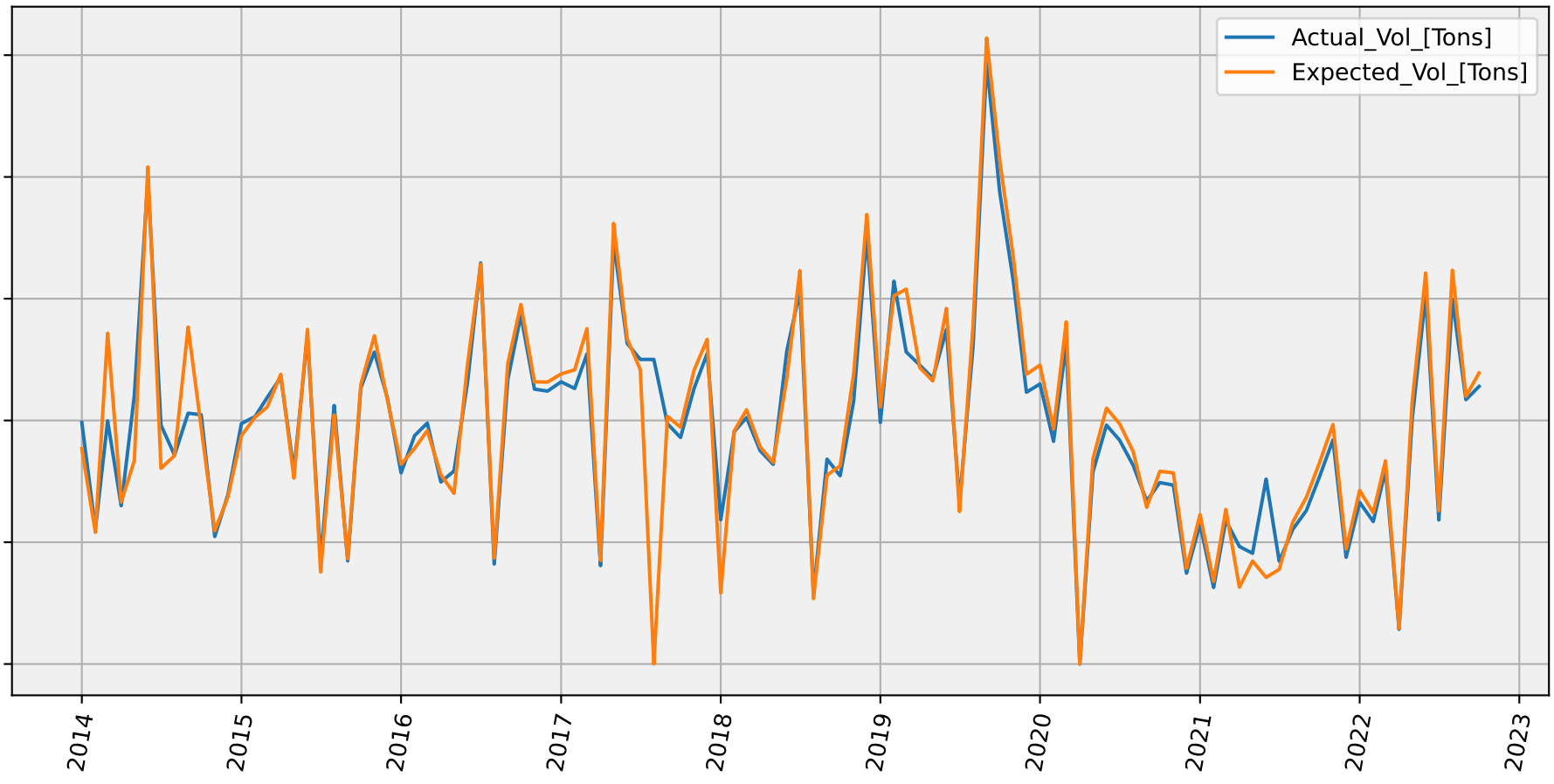

Volume/Production Ratio Provider_15-Plant_1
Vol/Prod_ratio_kg
0.0
0.2
0.4
0.6
0.8
1.0
2018
2019
2020
2021
2022
2023


Incoming Volume Provider_15-Plant_13
Actual_Vol_[Tons]
Expected_Vol_[Tons]
17500
15000
12500
10000
7500
5000
2500
0
2015
2016
2017
2018
2019
2020
2021
2022
2023

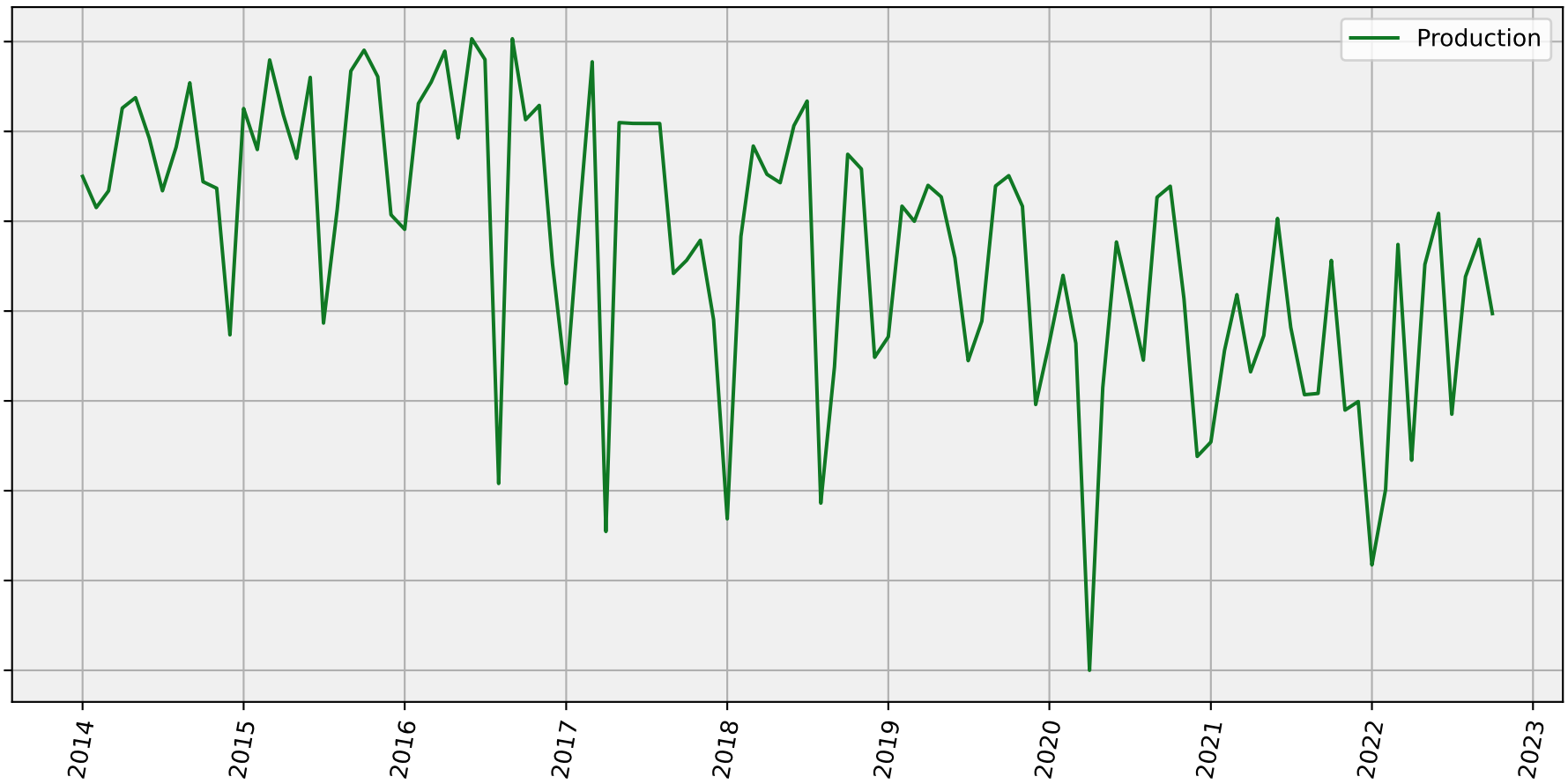

Production Level Plant_13
Production
35000
30000
25000
20000
15000
10000
5000
0
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_15-Plant_13
Vol/Prod_ratio_kg
3.0
2.5
2.0
1.5
1.0
0.5
0.0
2015
2016
2017
2018
2019
2020
2021
2022
2023

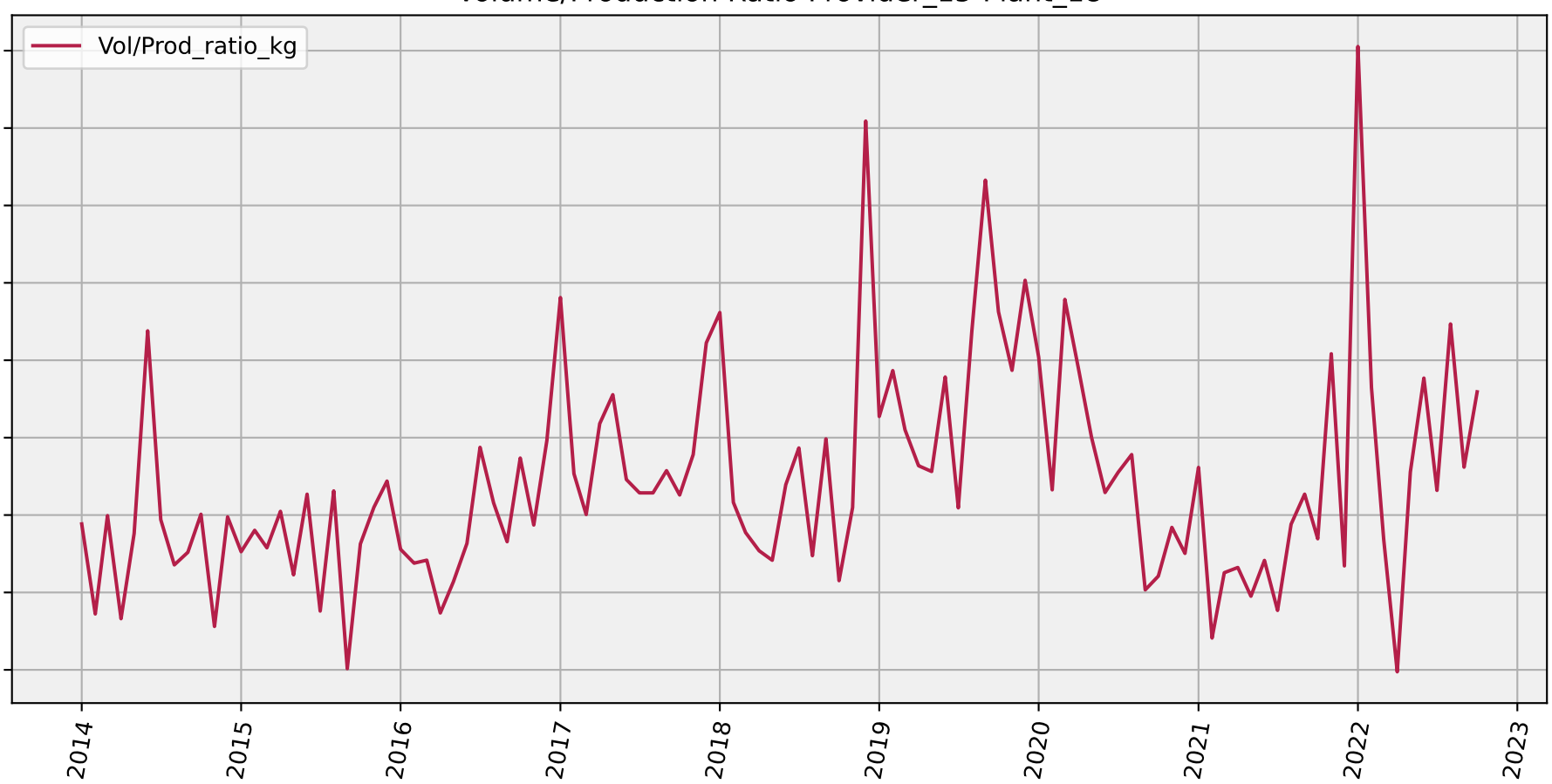
Incoming Volume Provider_15-Plant_18



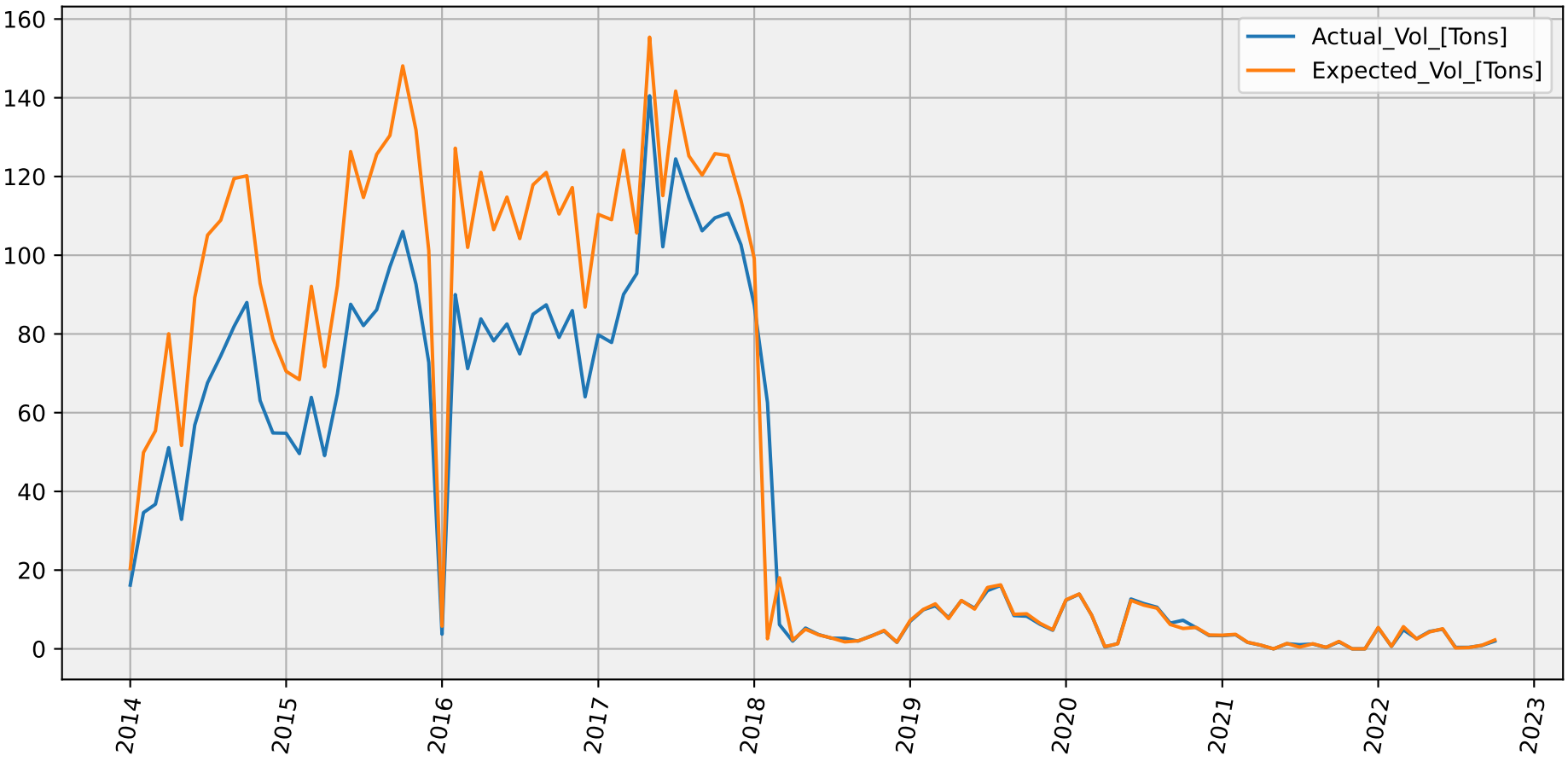
Production Level Plant_18



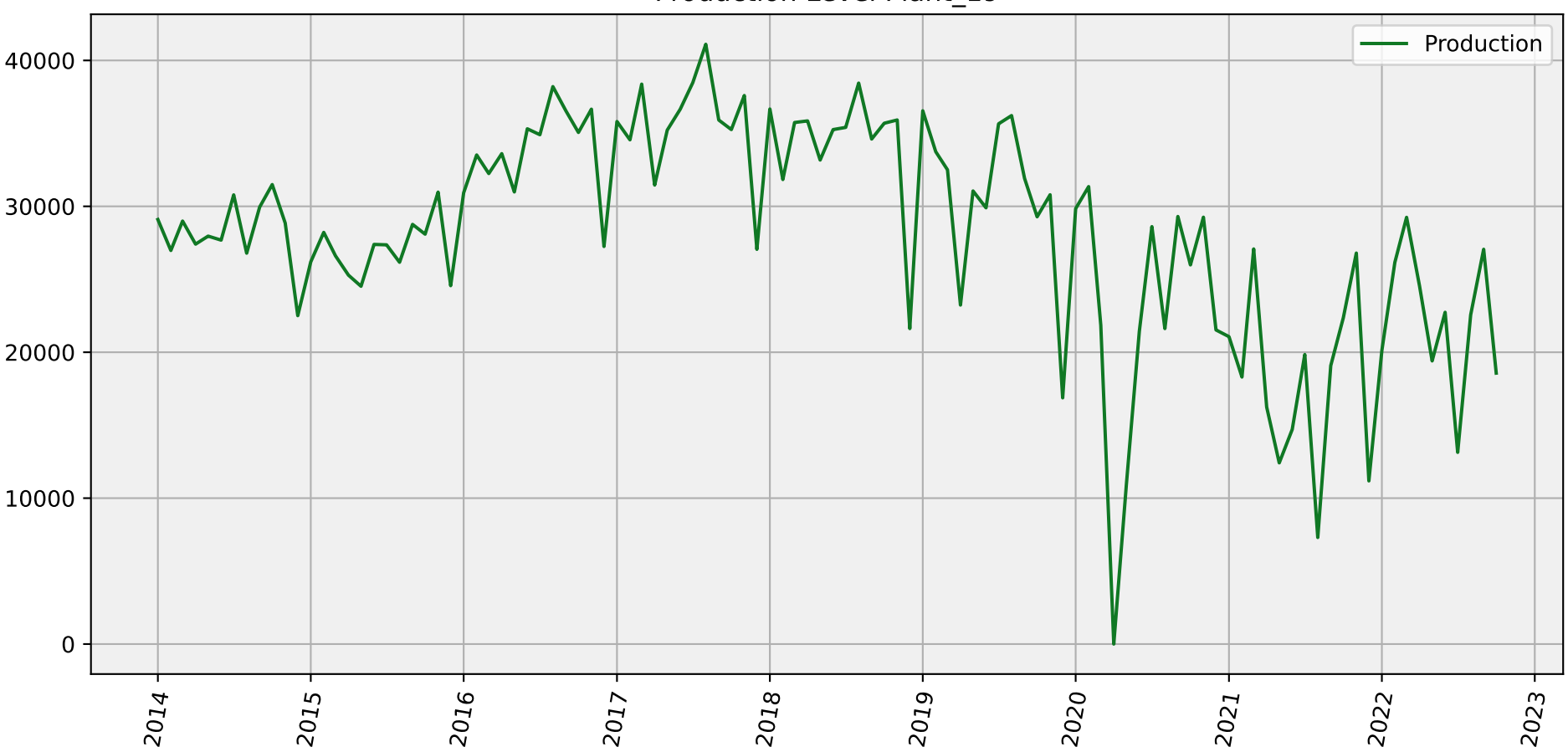
Volume/Production Ratio Provider_15-Plant_18



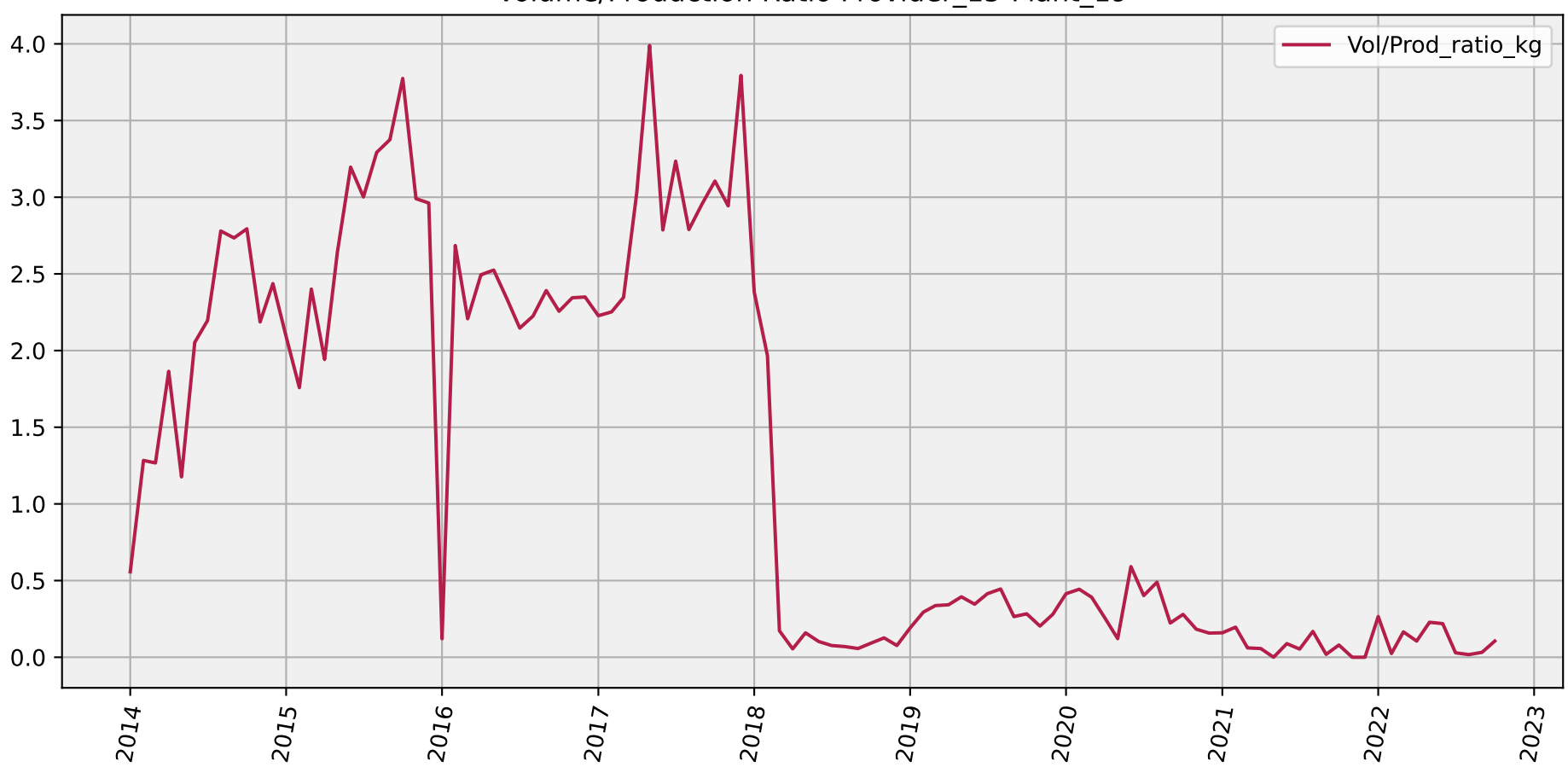
Incoming Volume Provider_15-Plant_19

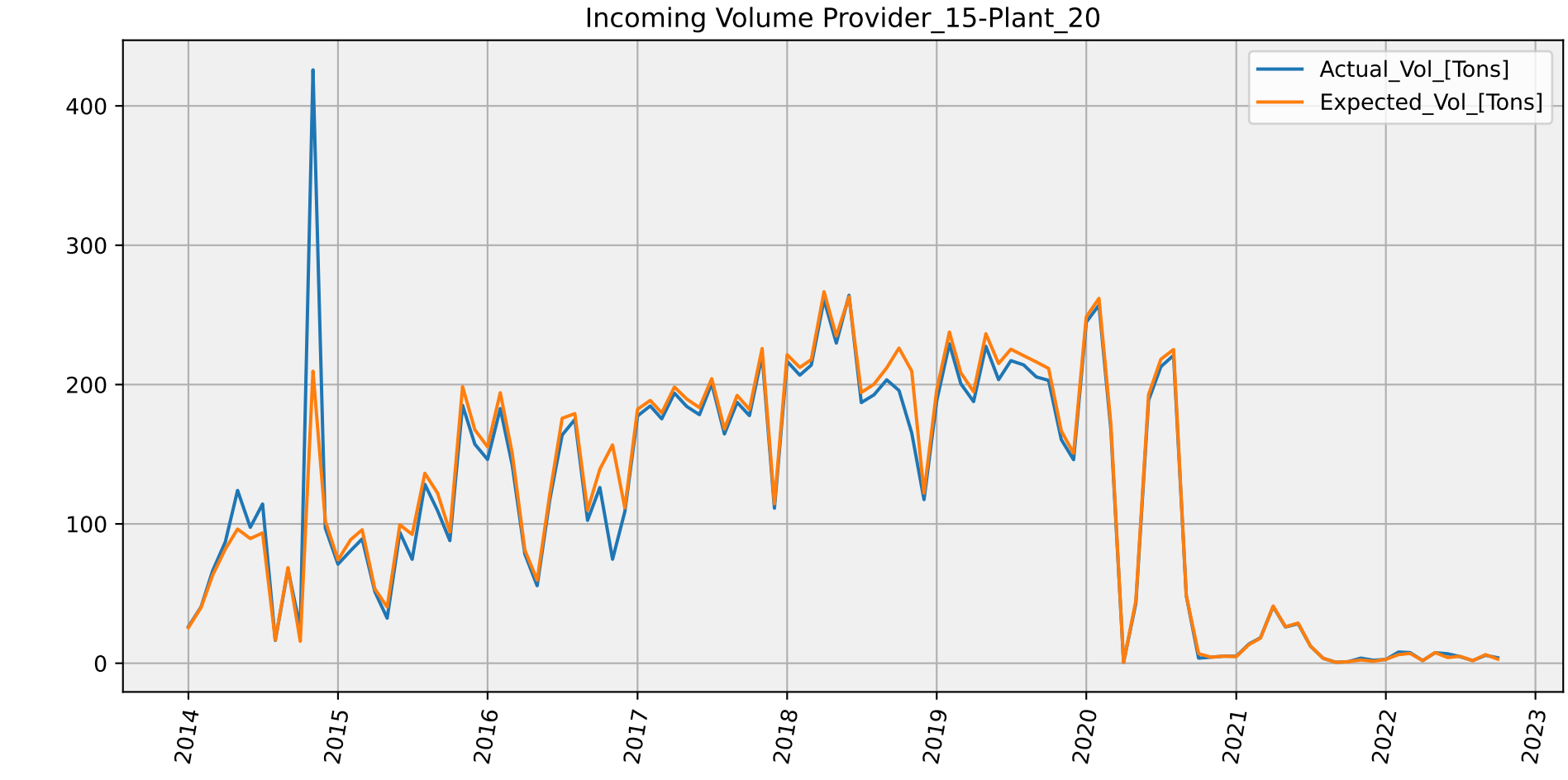


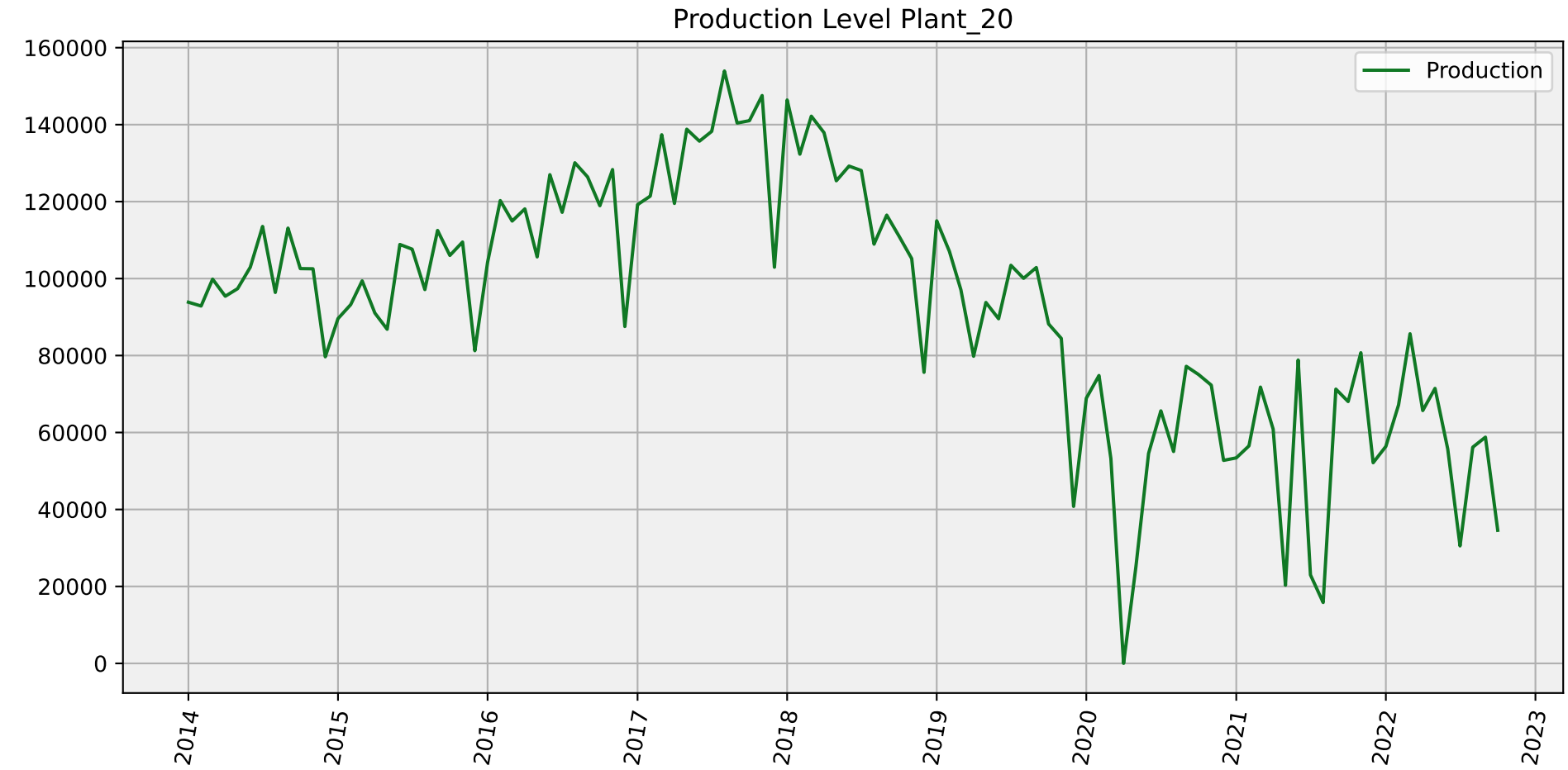
Production Level Plant_19

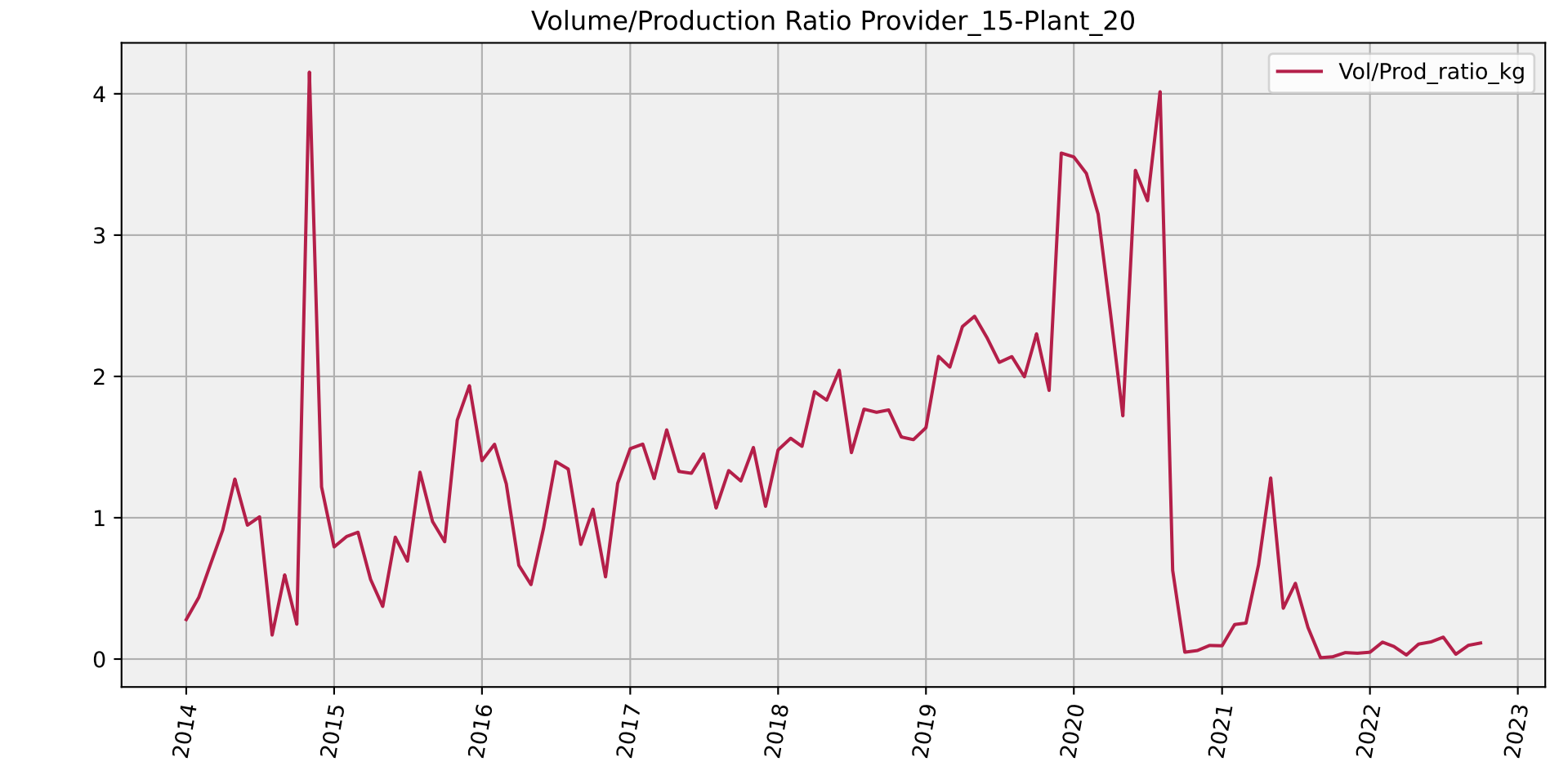


Volume/Production Ratio Provider_15-Plant_19

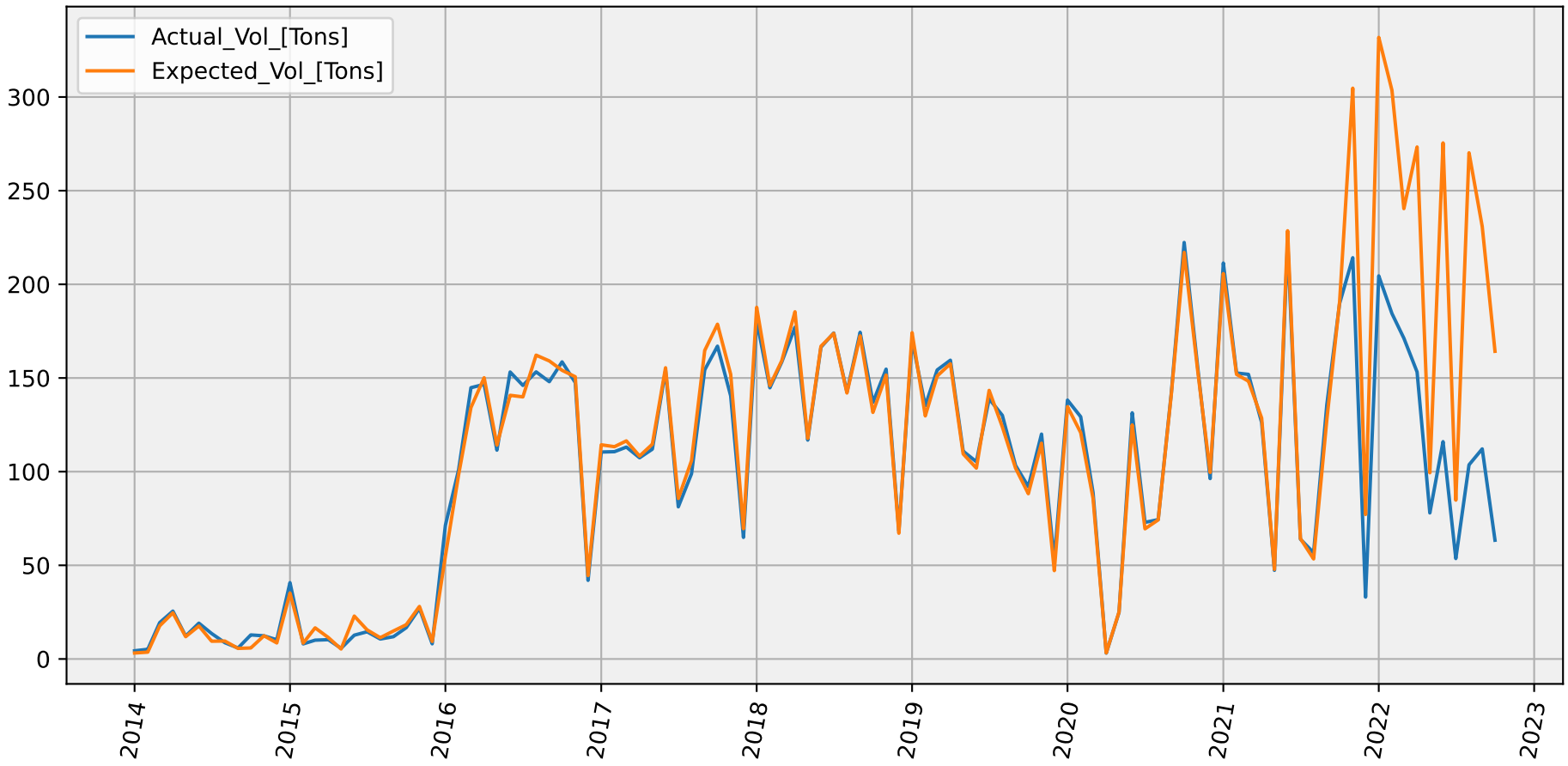



Incoming Volume Provider_15-Plant_20
Actual_Vol_[Tons]
Expected_Vol_[Tons]
400
300
200
100
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

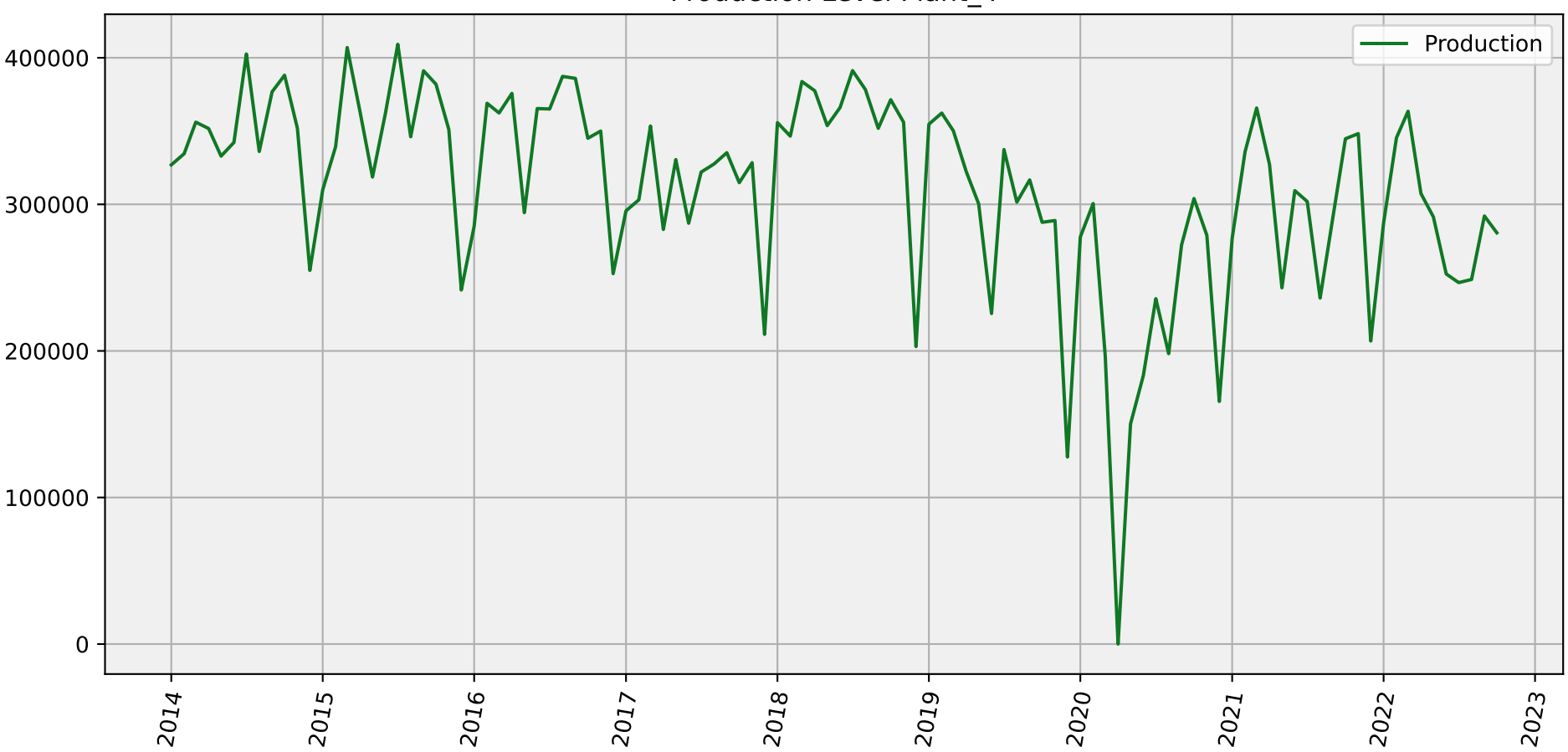

Production Level Plant_20
Production
160000
140000
120000
100000
80000
60000
40000
20000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_15-Plant_20
Vol/Prod_ratio_kg
4
3
2
1
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

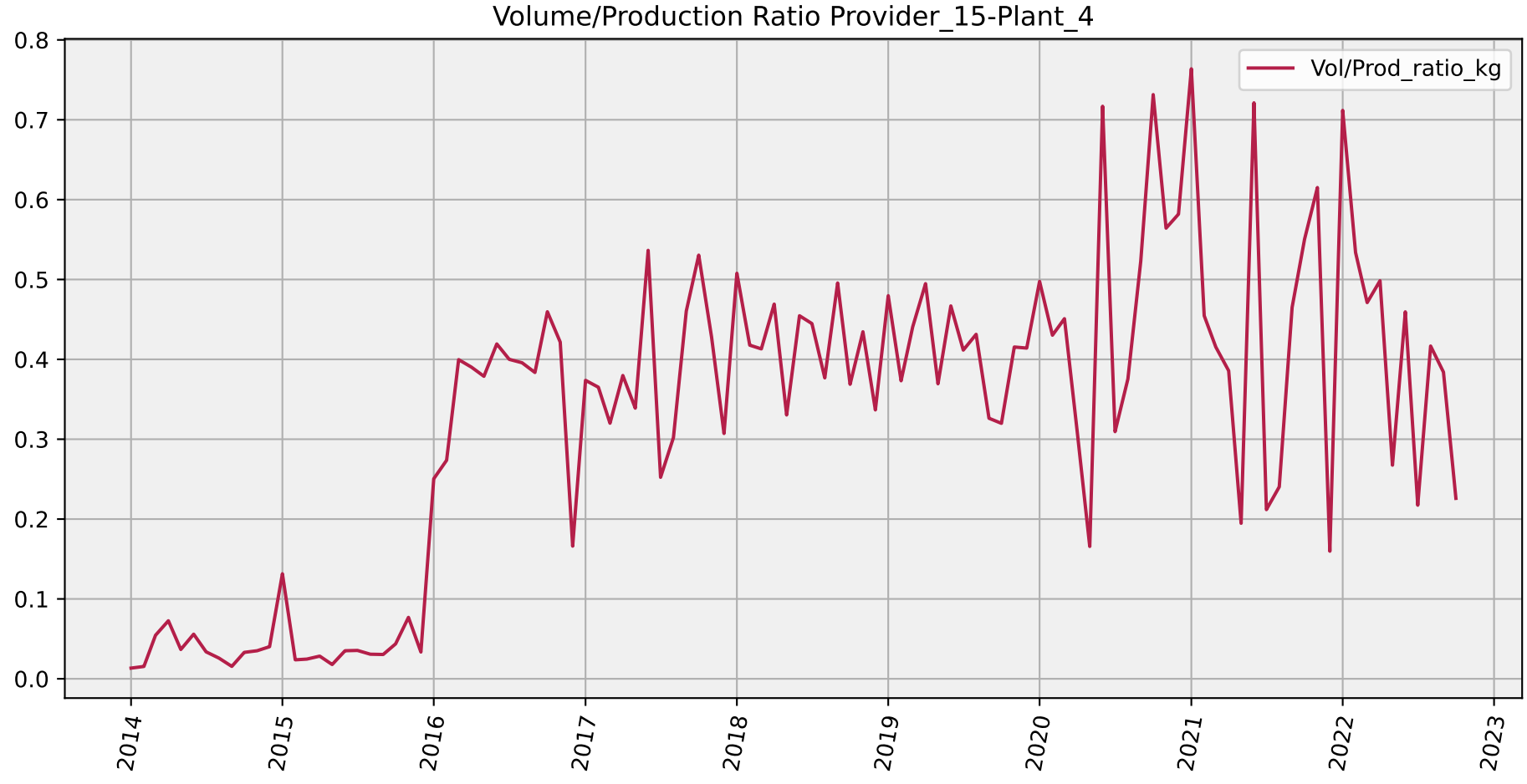
Incoming Volume Provider_15-Plant_4

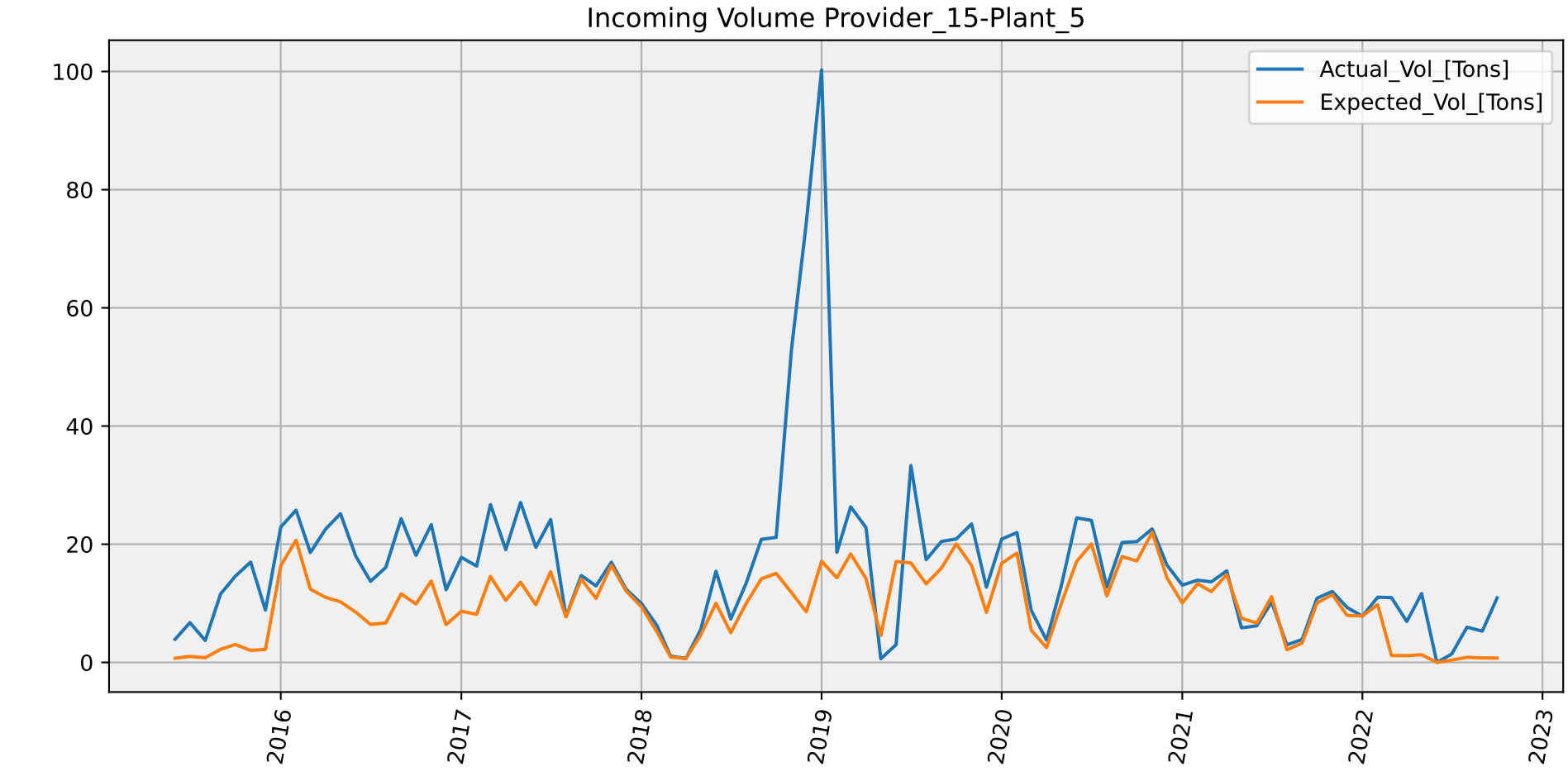


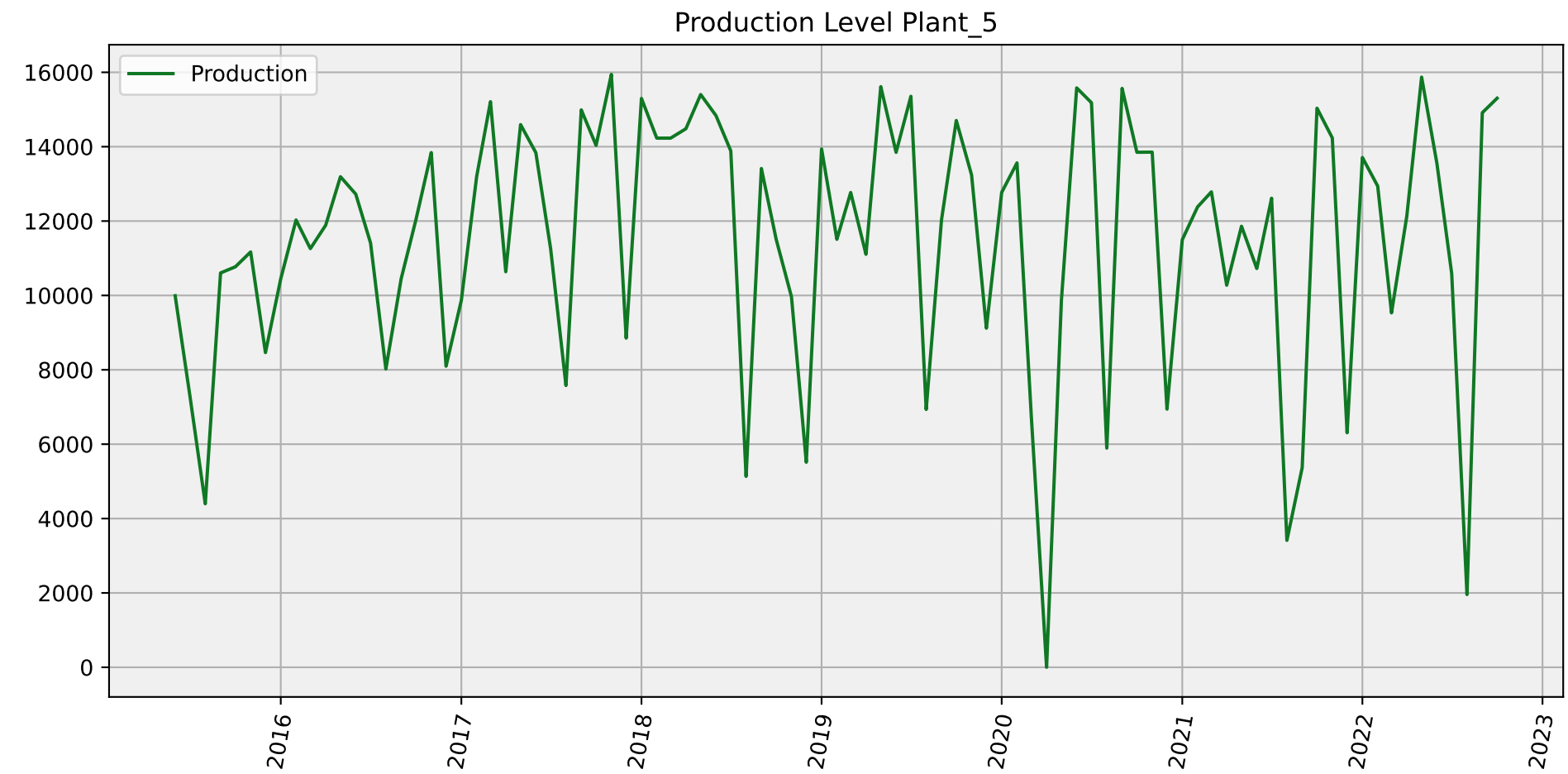
Production Level Plant_4

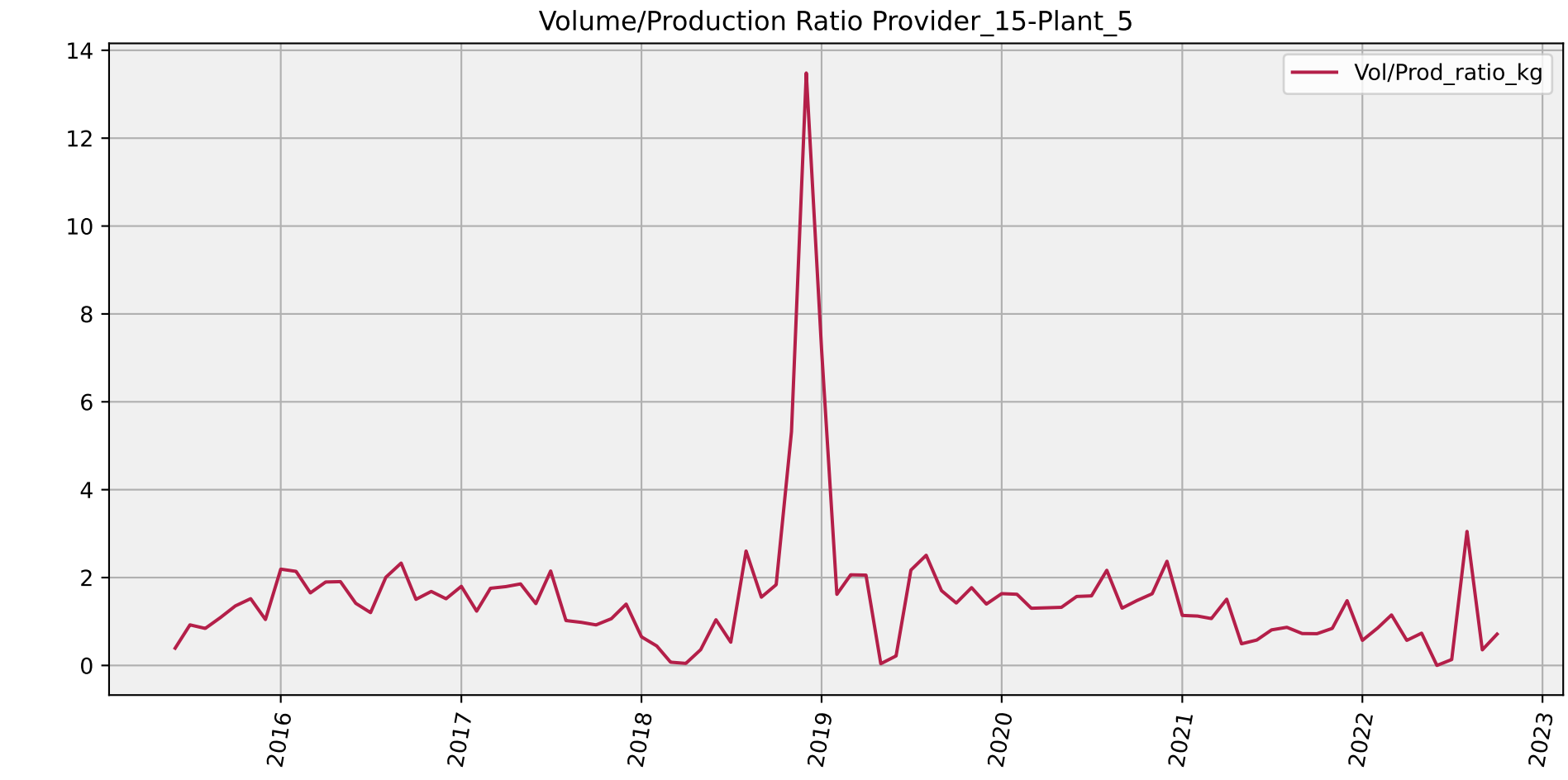


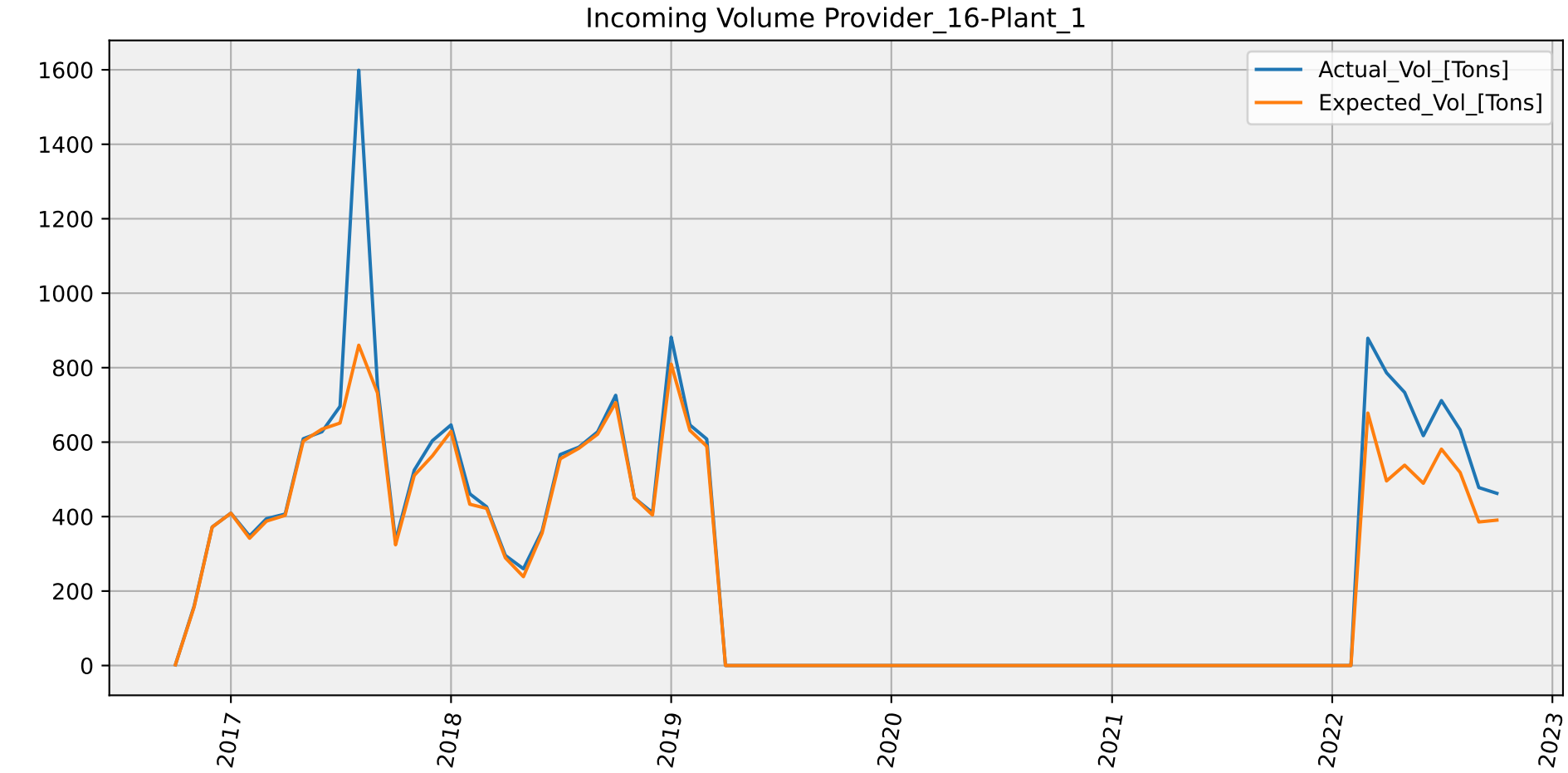
Volume/Production Ratio Provider_15-Plant_4

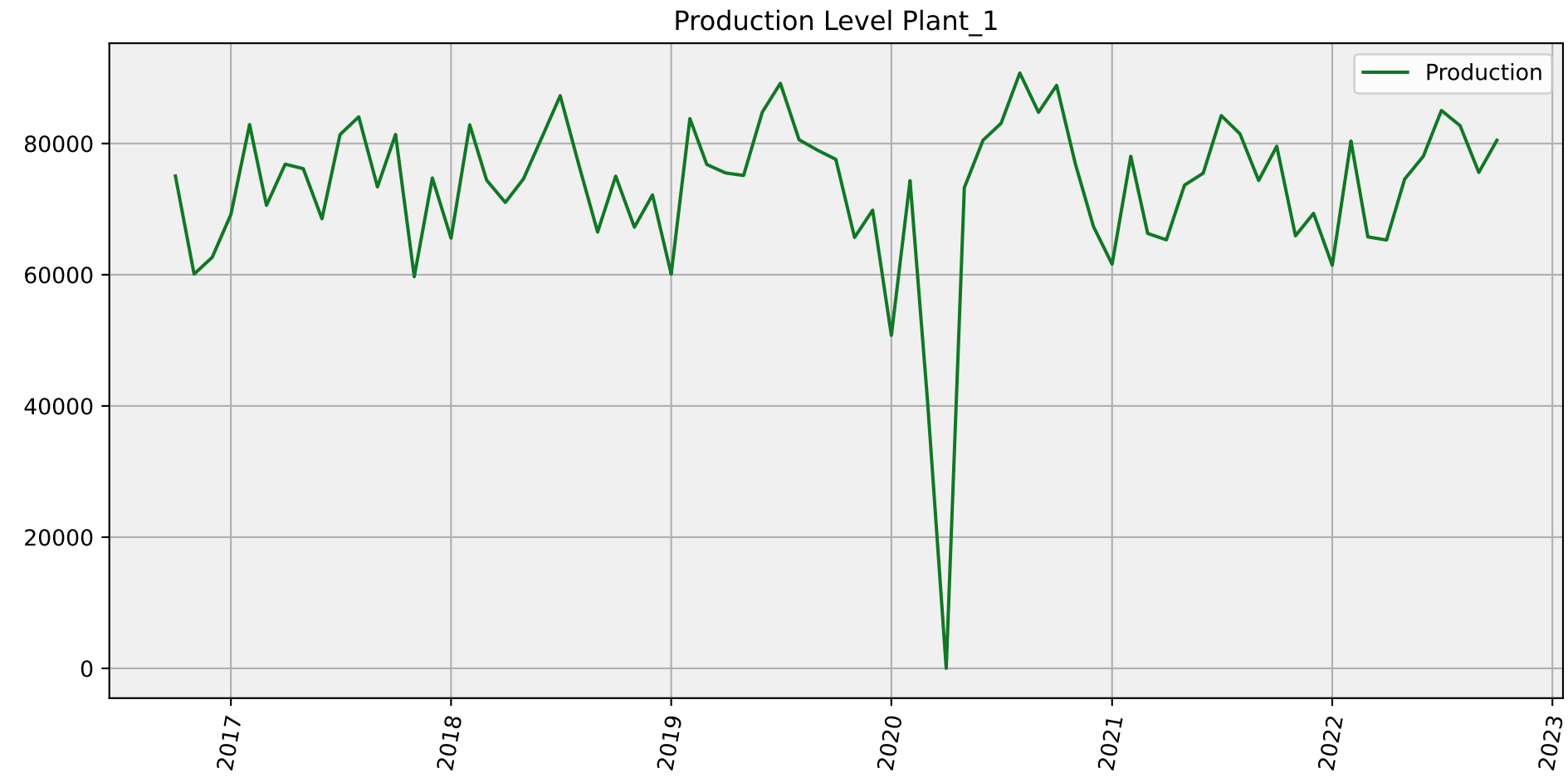


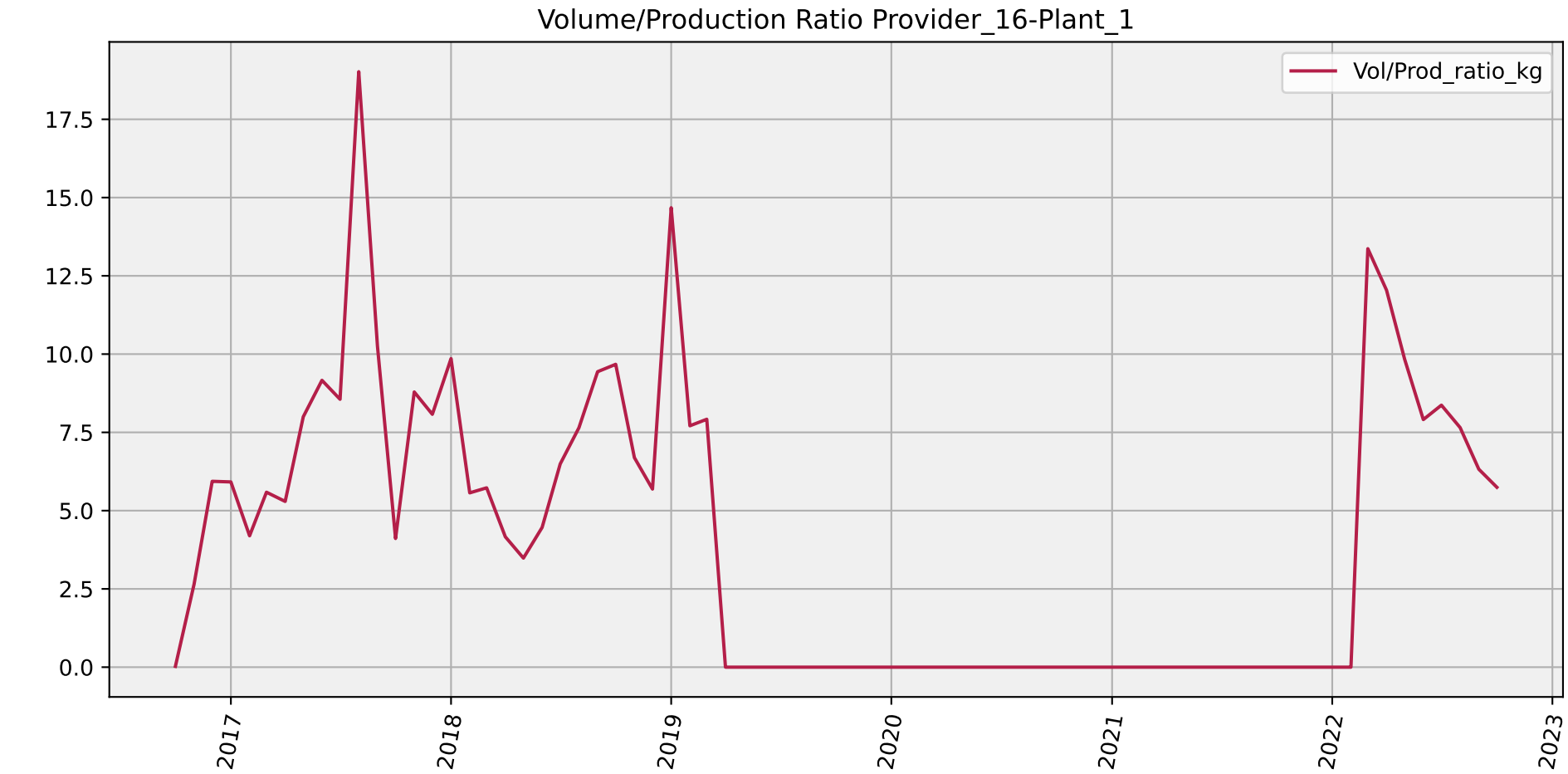

Incoming Volume Provider_15-Plant_5
Actual_Vol_[Tons]
Expected_Vol_[Tons]
100
80
60
40
20
0
2016
2017
2018
2019
2020
2021
2022
2023

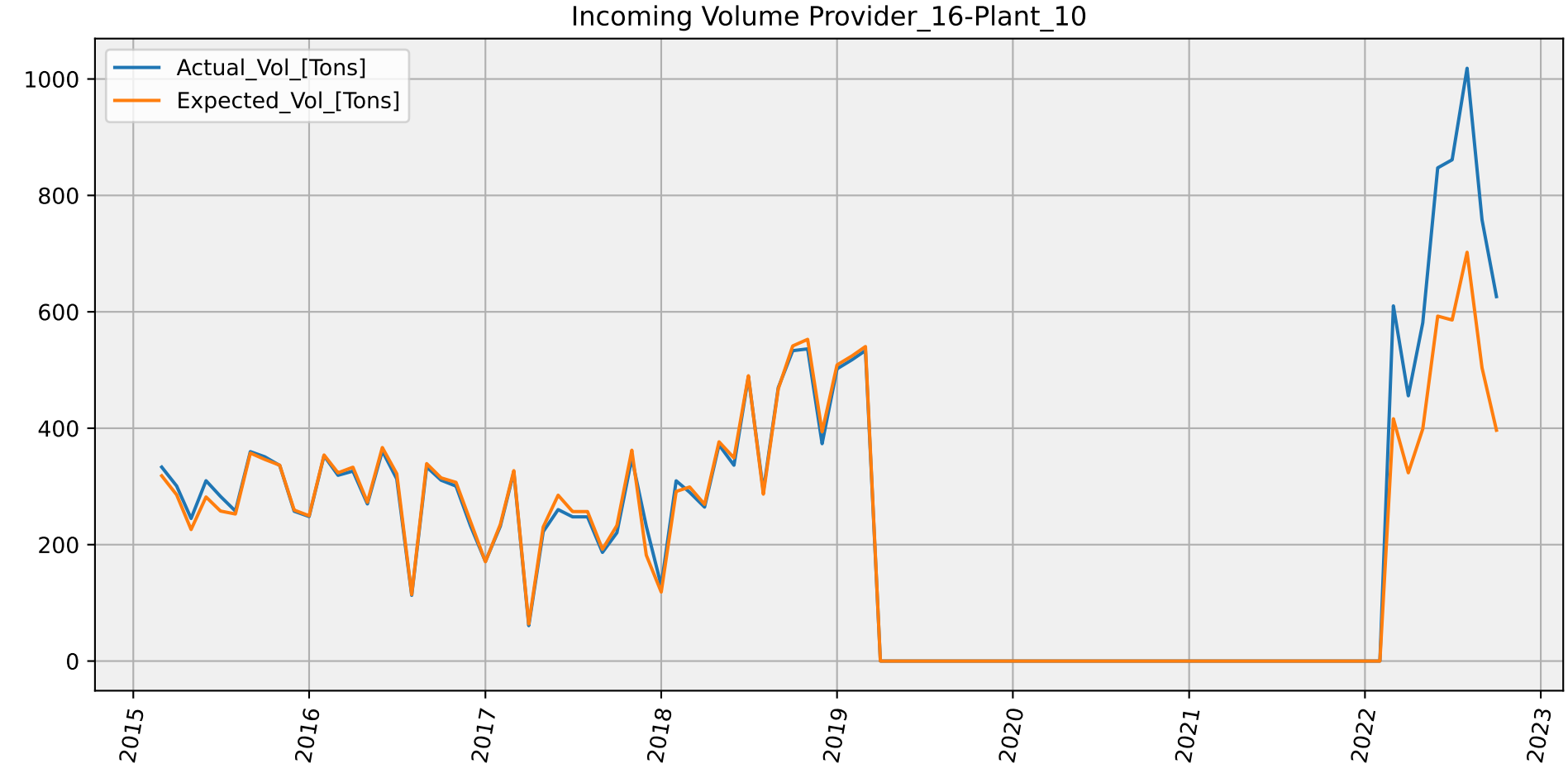

Production Level Plant_5
Production
16000
14000
12000
10000
8000
6000
4000
2000
0
2016
2017
2018
2019
2020
2021
2022
2023

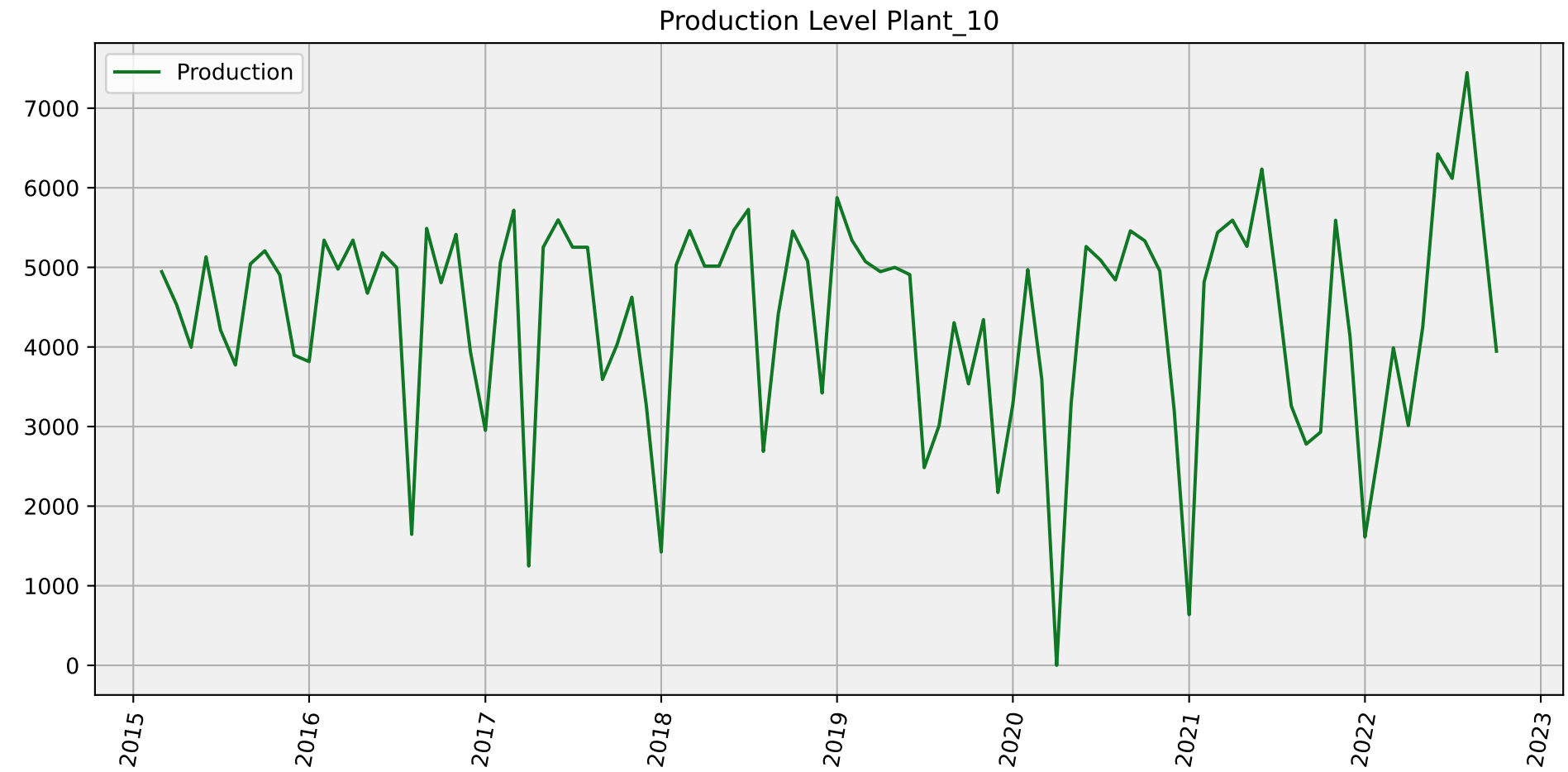

Volume/Production Ratio Provider_15-Plant_5
Vol/Prod_ratio_kg
14
12
10
8
6
4
2
0
2016
2017
2018
2019
2020
2021
2022
2023

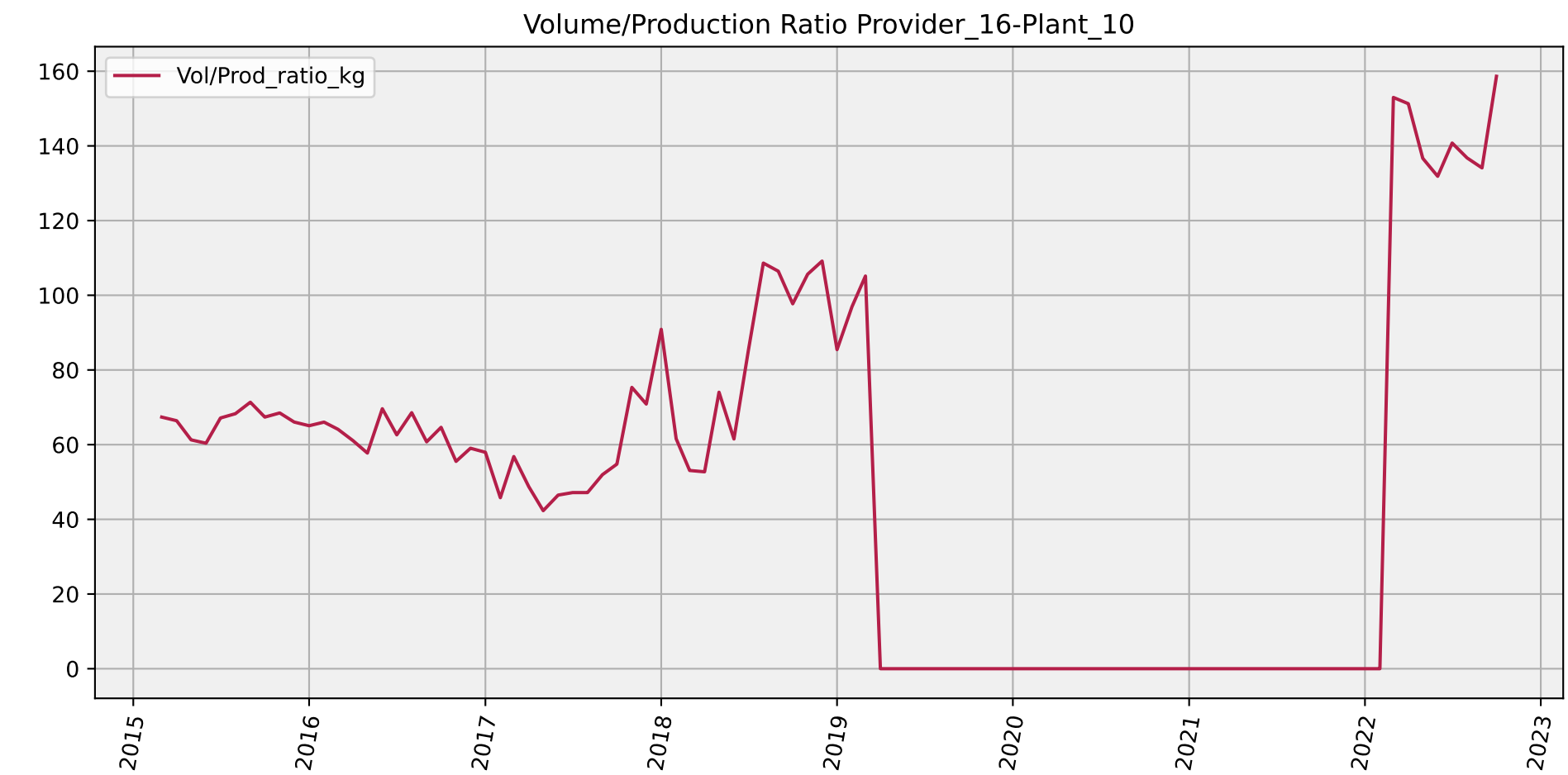

Incoming Volume Provider_16-Plant_1
Actual_Vol_[Tons]
Expected_Vol_[Tons]
1600
1400
1200
1000
800
600
400
200
0
2017
2018
2019
2020
2021
2022
2023

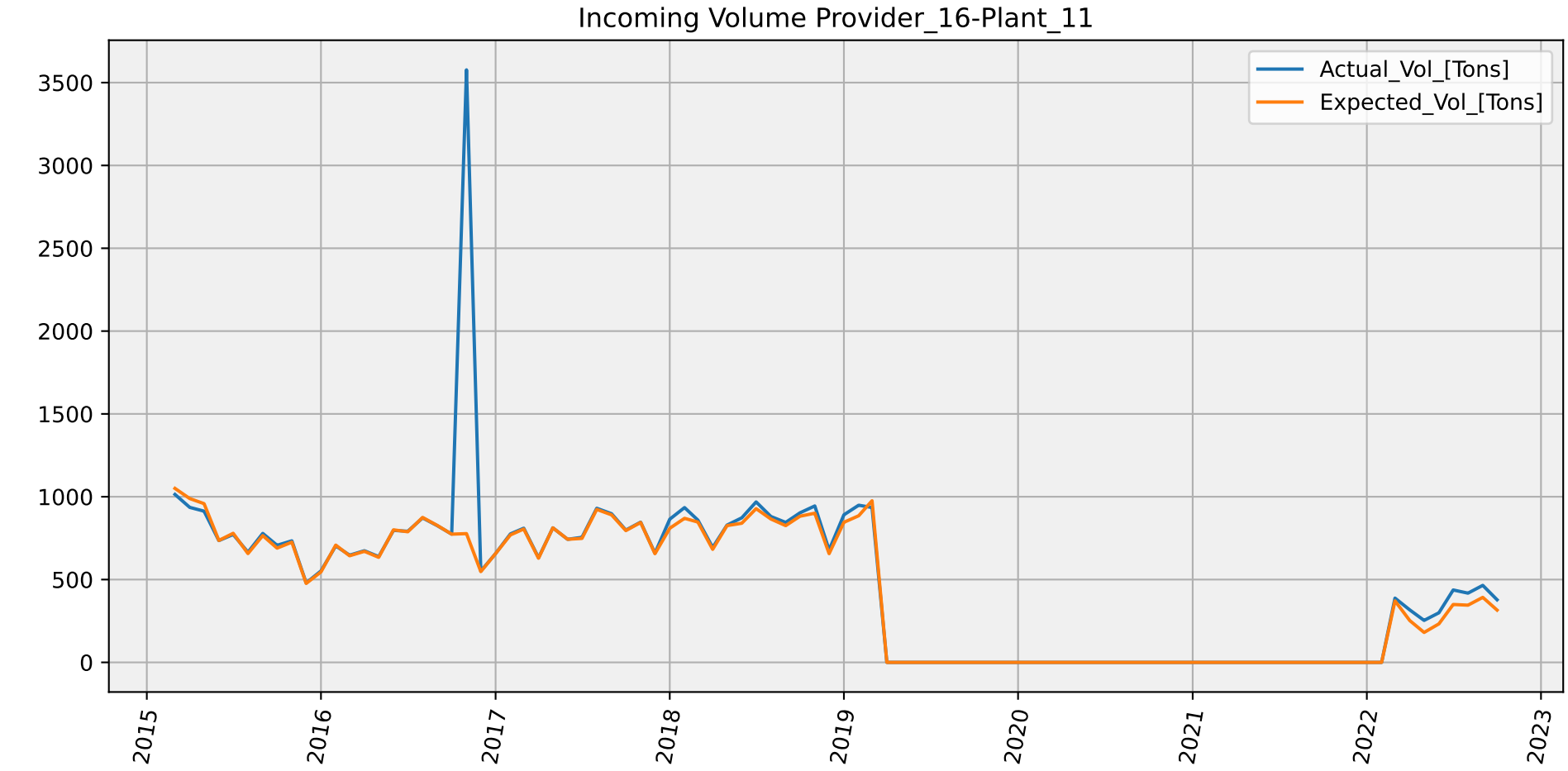

Production Level Plant_1
Production
80000
60000
40000
20000
0
2017
2018
2019
2020
2021
2022
2023

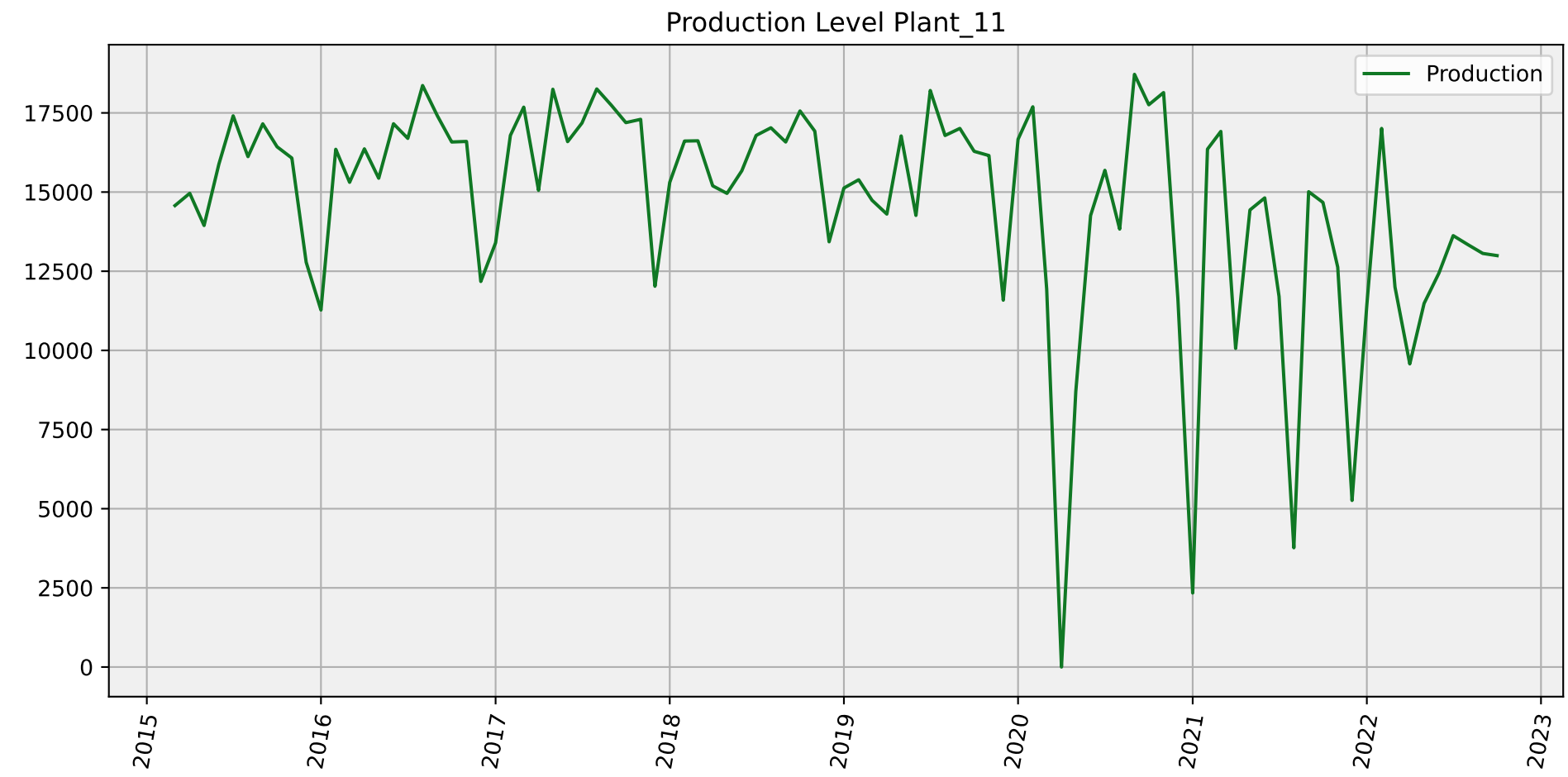

Volume/Production Ratio Provider_16-Plant_1
Vol/Prod_ratio_kg
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
2017
2018
2019
2020
2021
2022
2023

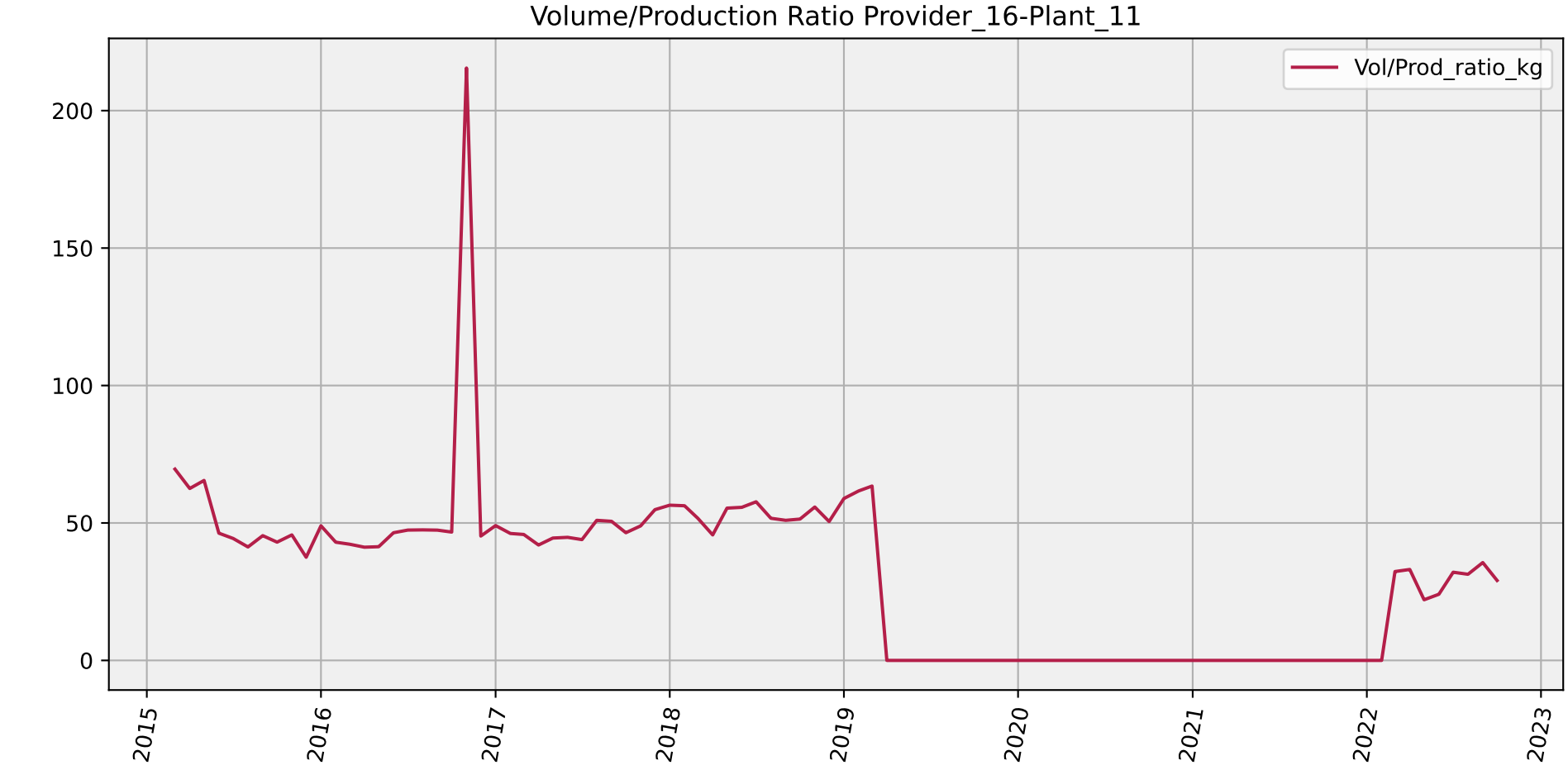

Incoming Volume Provider_16-Plant_10
Actual_Vol_[Tons]
Expected_Vol_[Tons]
1000
800
600
400
200
0
2015
2016
2017
2018
2019
2020
2021
2022
2023

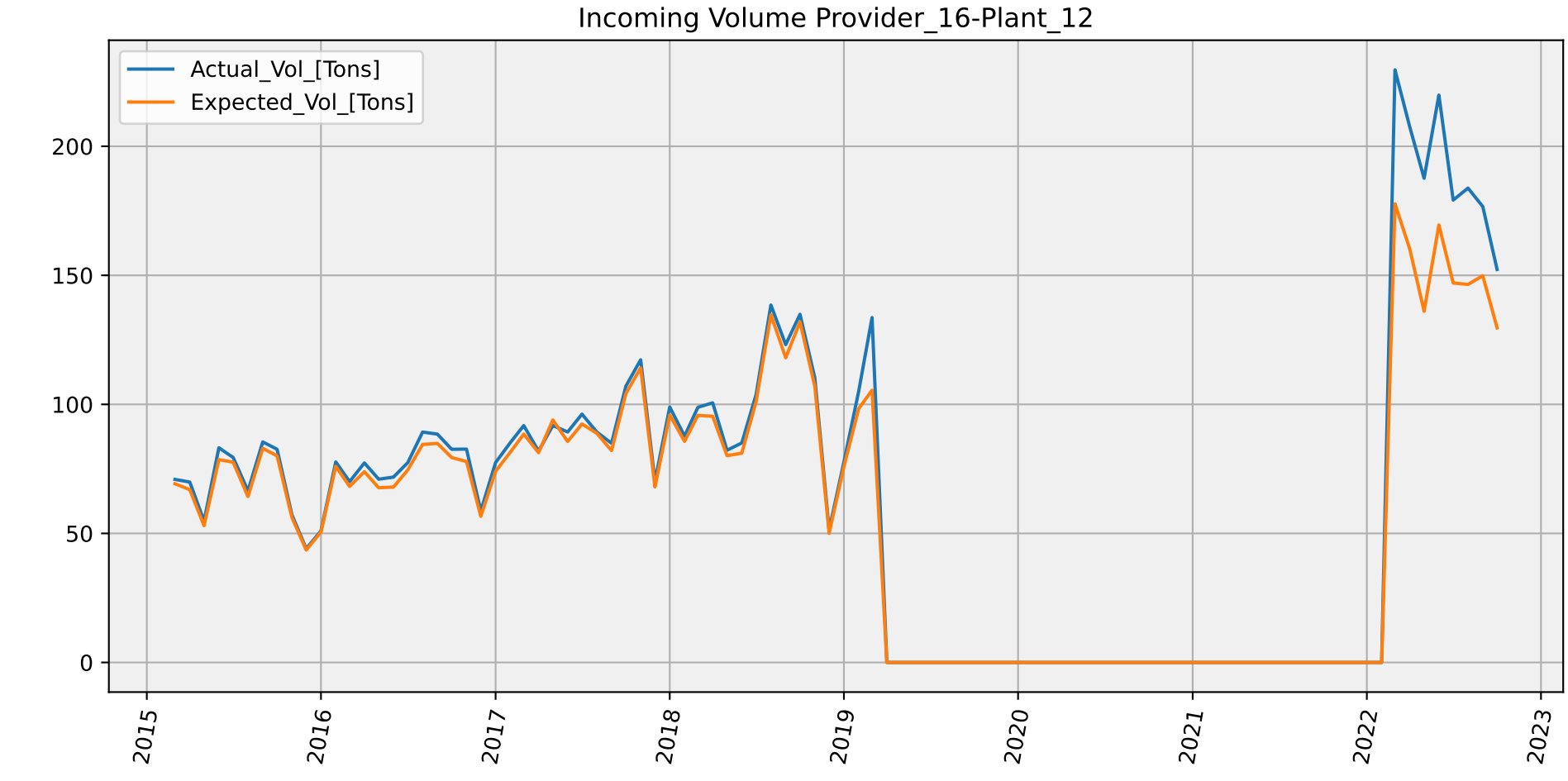

Production Level Plant_10
Production
7000
6000
5000
4000
3000
2000
1000
0
2015
2016
2017
2018
2019
2020
2021
2022
2023

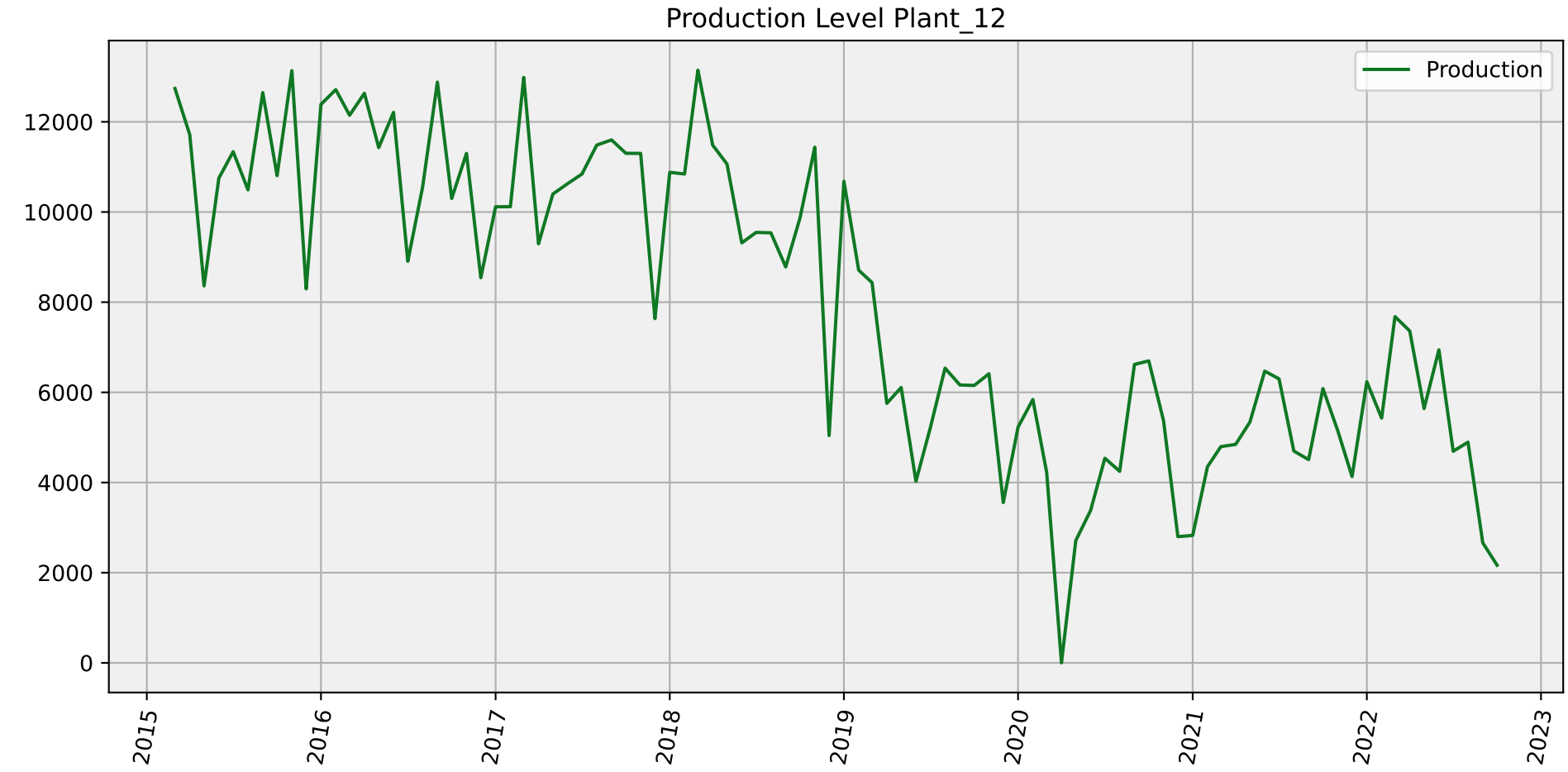

Volume/Production Ratio Provider_16-Plant_10
Vol/Prod_ratio_kg
160
140
120
100
80
60
40
20
0
2015
2016
2017
2018
2019
2020
2021
2022
2023

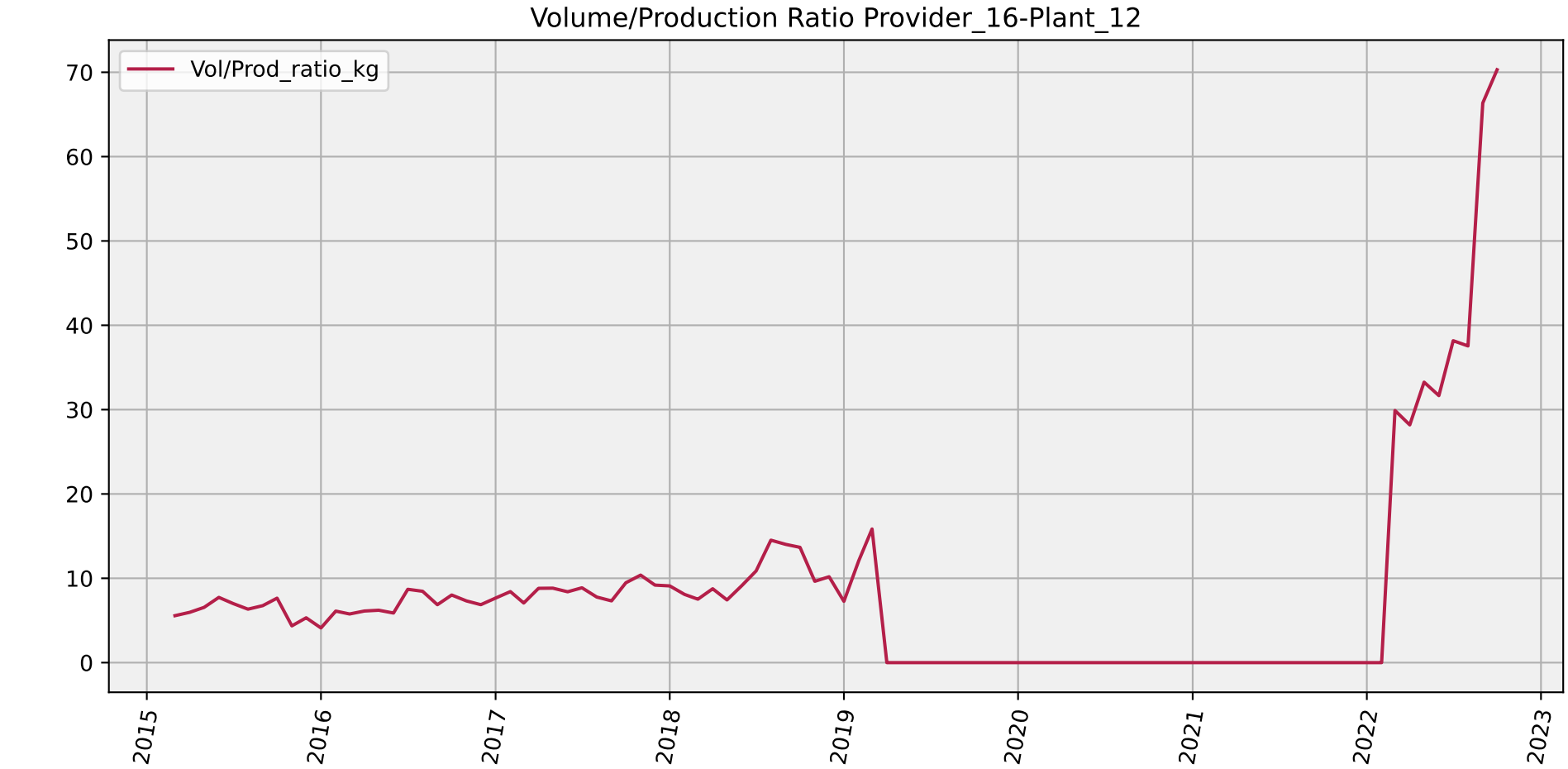

Incoming Volume Provider_16-Plant_11
Actual_Vol_[Tons]
Expected_Vol_[Tons]
3500
3000
2500
2000
1500
1000
500
0
2015
2016
2017
2018
2019
2020
2021
2022
2023


Production Level Plant_11
Production
17500
15000
12500
10000
7500
5000
2500
0
2015
2016
2017
2018
2019
2020
2021
2022
2023

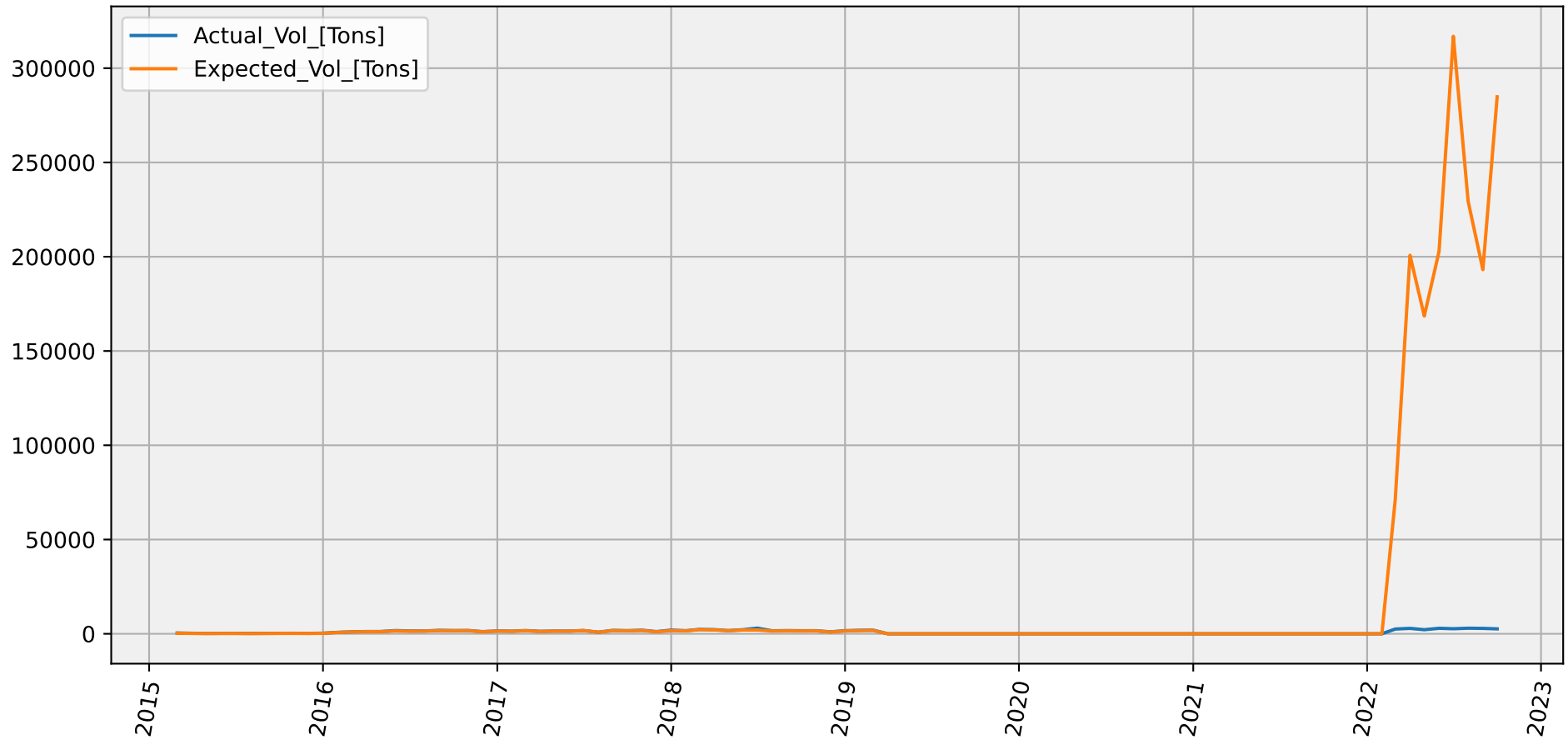

Volume/Production Ratio Provider_16-Plant_11
Vol/Prod_ratio_kg
200
150
100
50
0
2015
2016
2017
2018
2019
2020
2021
2022
2023


Incoming Volume Provider_16-Plant_12
Actual_Vol_[Tons]
Expected_Vol_[Tons]
200
150
100
50
0
2015
2016
2017
2018
2019
2020
2021
2022
2023

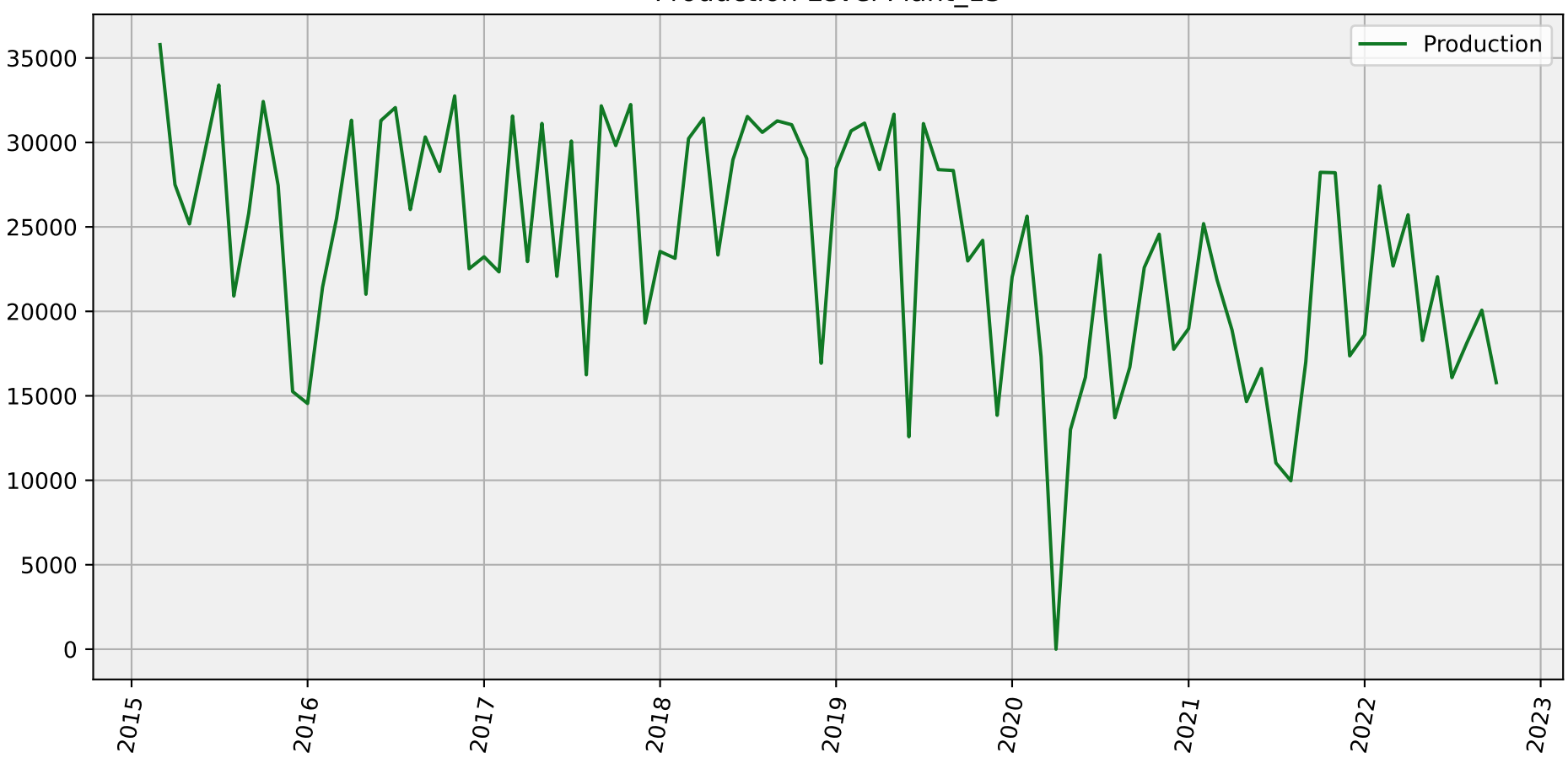

Production Level Plant_12
Production
12000
10000
8000
6000
4000
2000
0
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_16-Plant_12
Vol/Prod_ratio_kg
70
60
50
40
30
20
10
0
2015
2016
2017
2018
2019
2020
2021
2022
2023

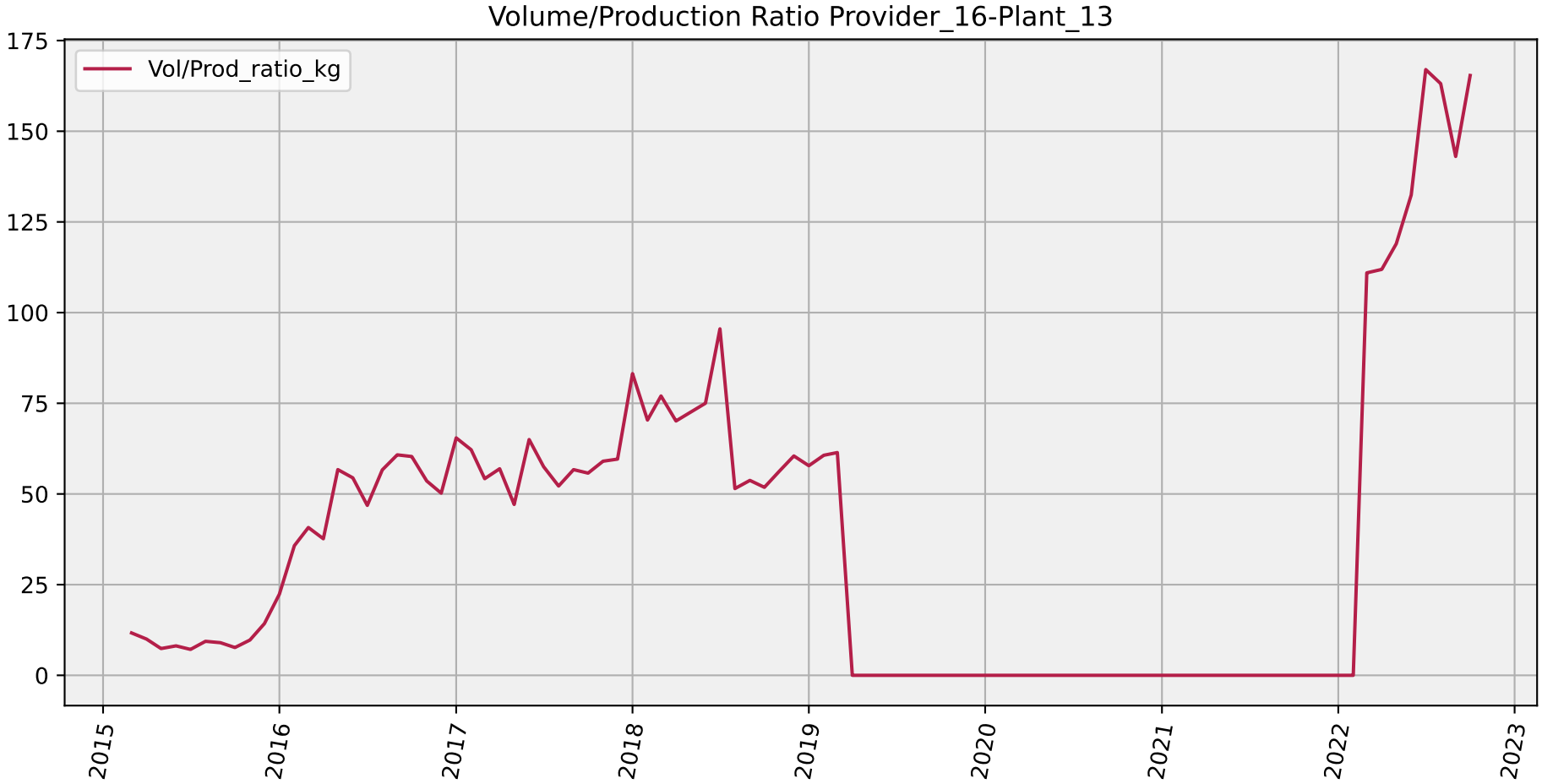
Incoming Volume Provider_16-Plant_13



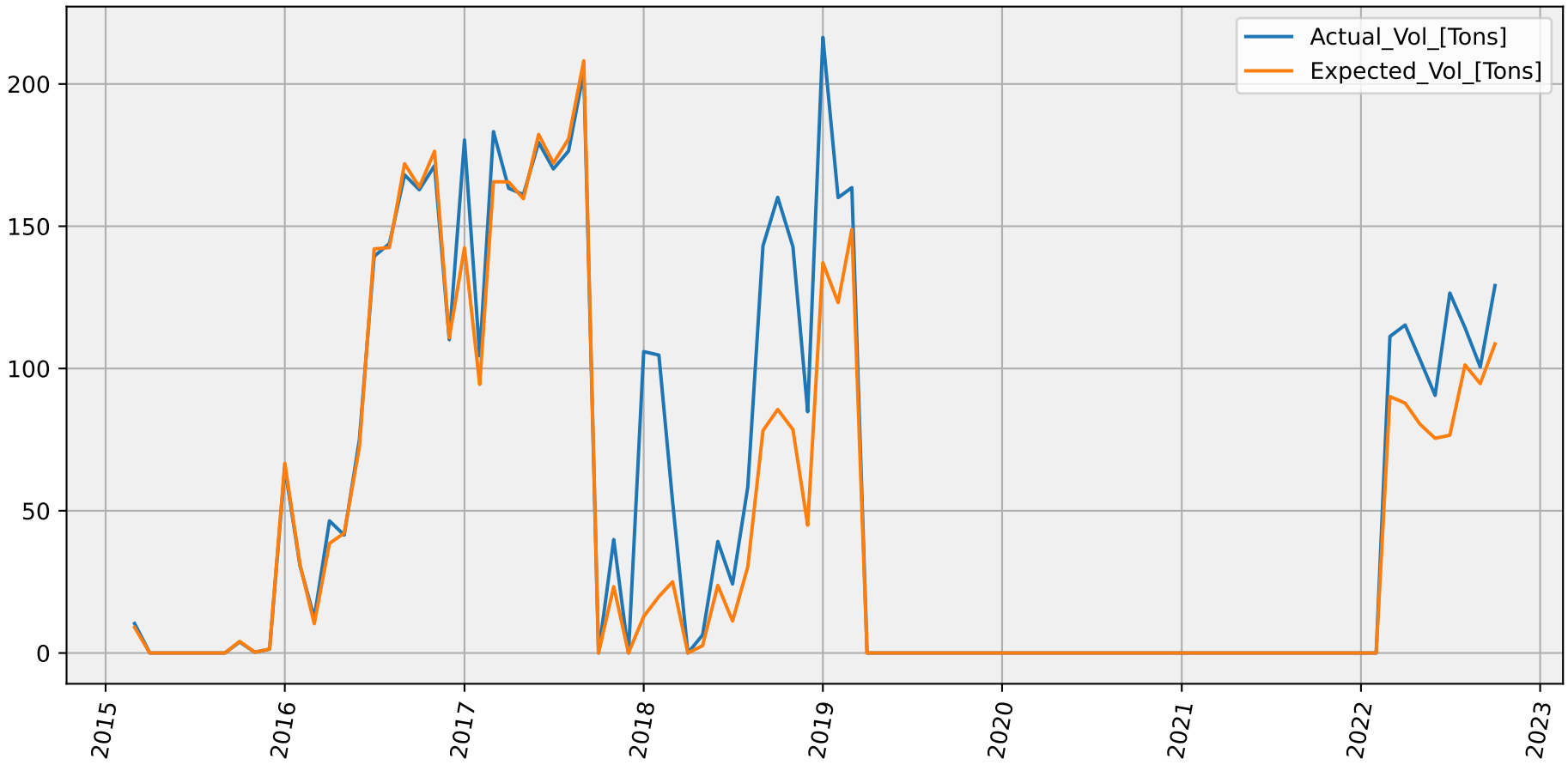
Production Level Plant_13



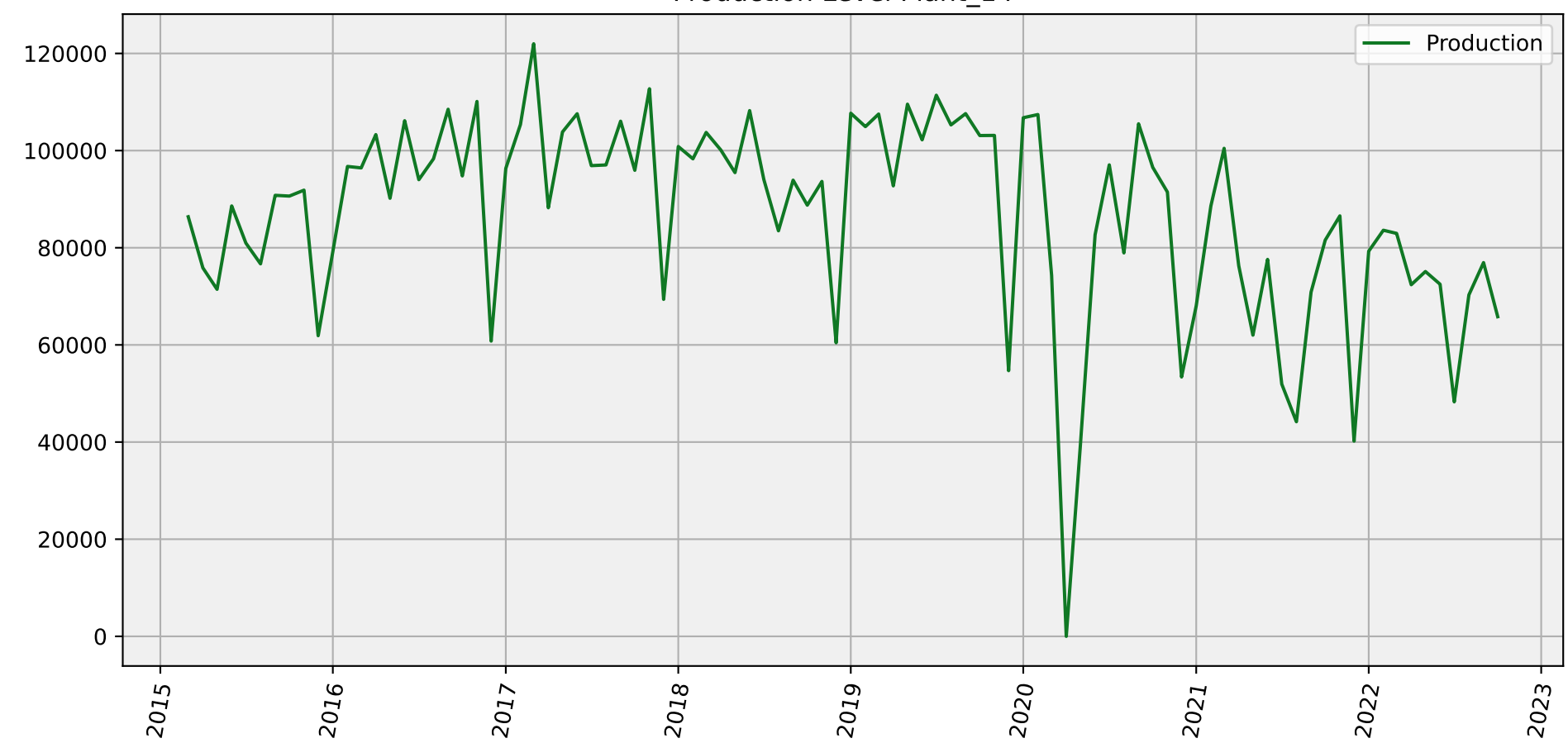
Volume/Production Ratio Provider_16-Plant_13



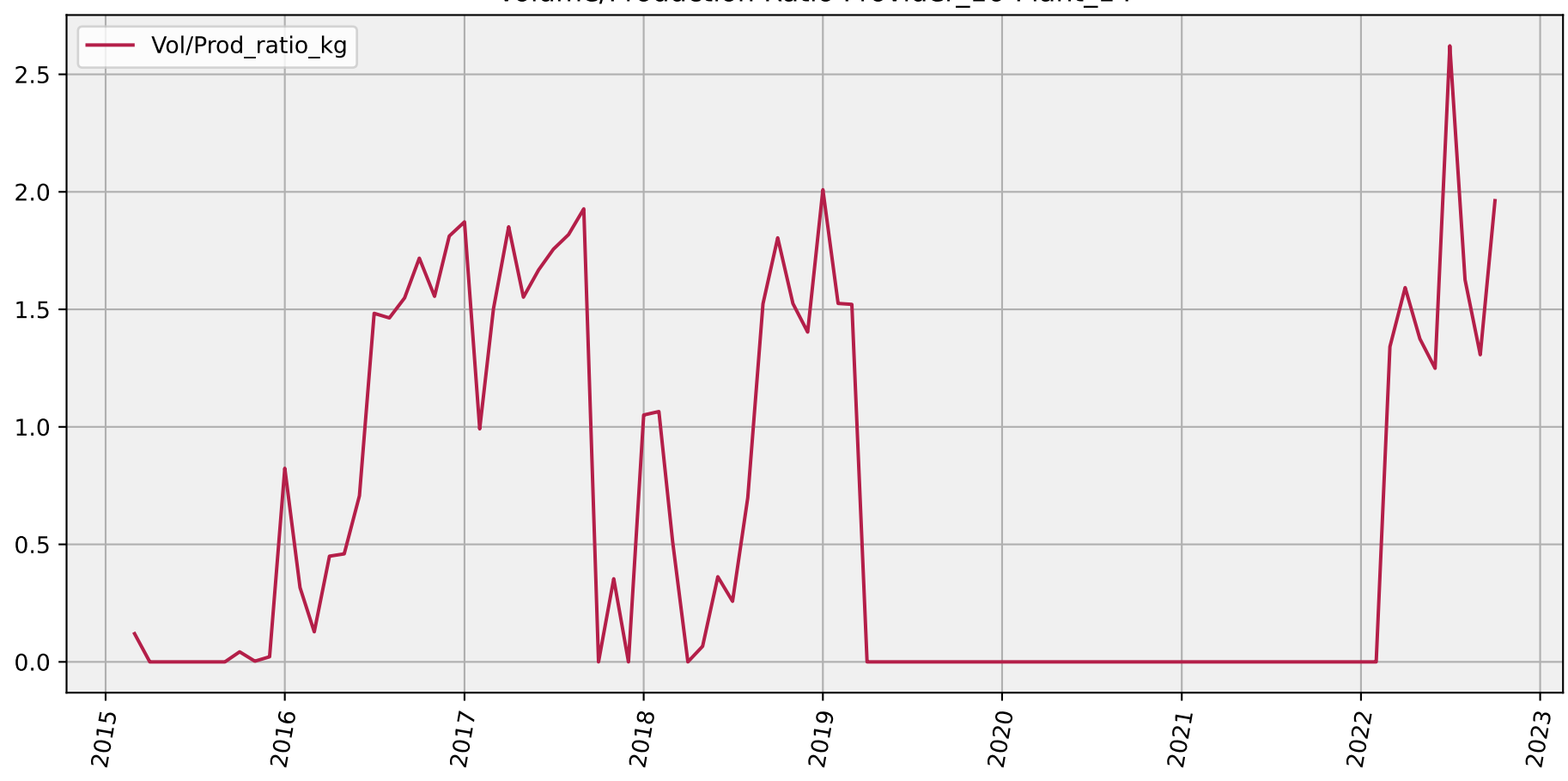
Incoming Volume Provider_16-Plant_14

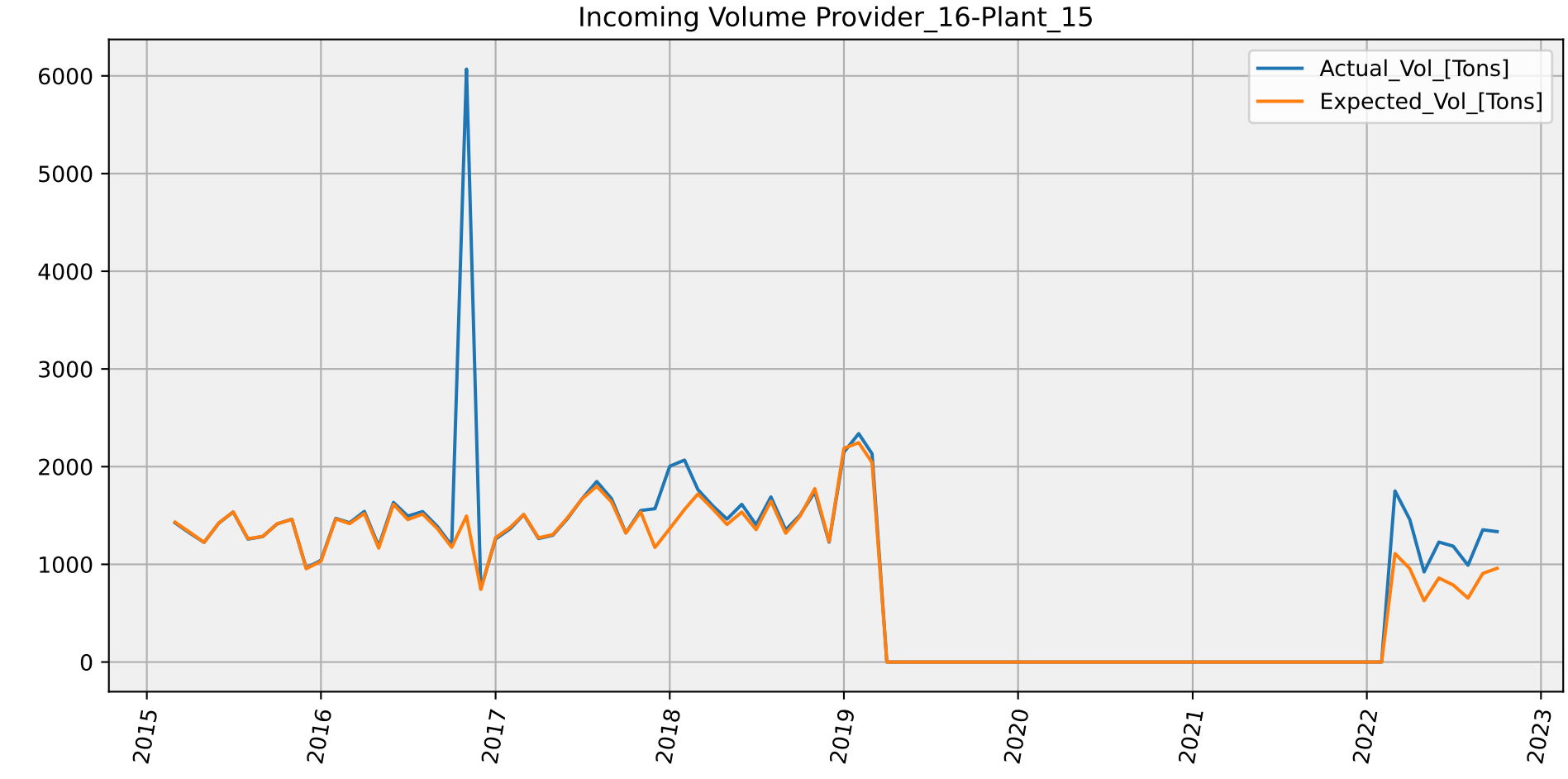


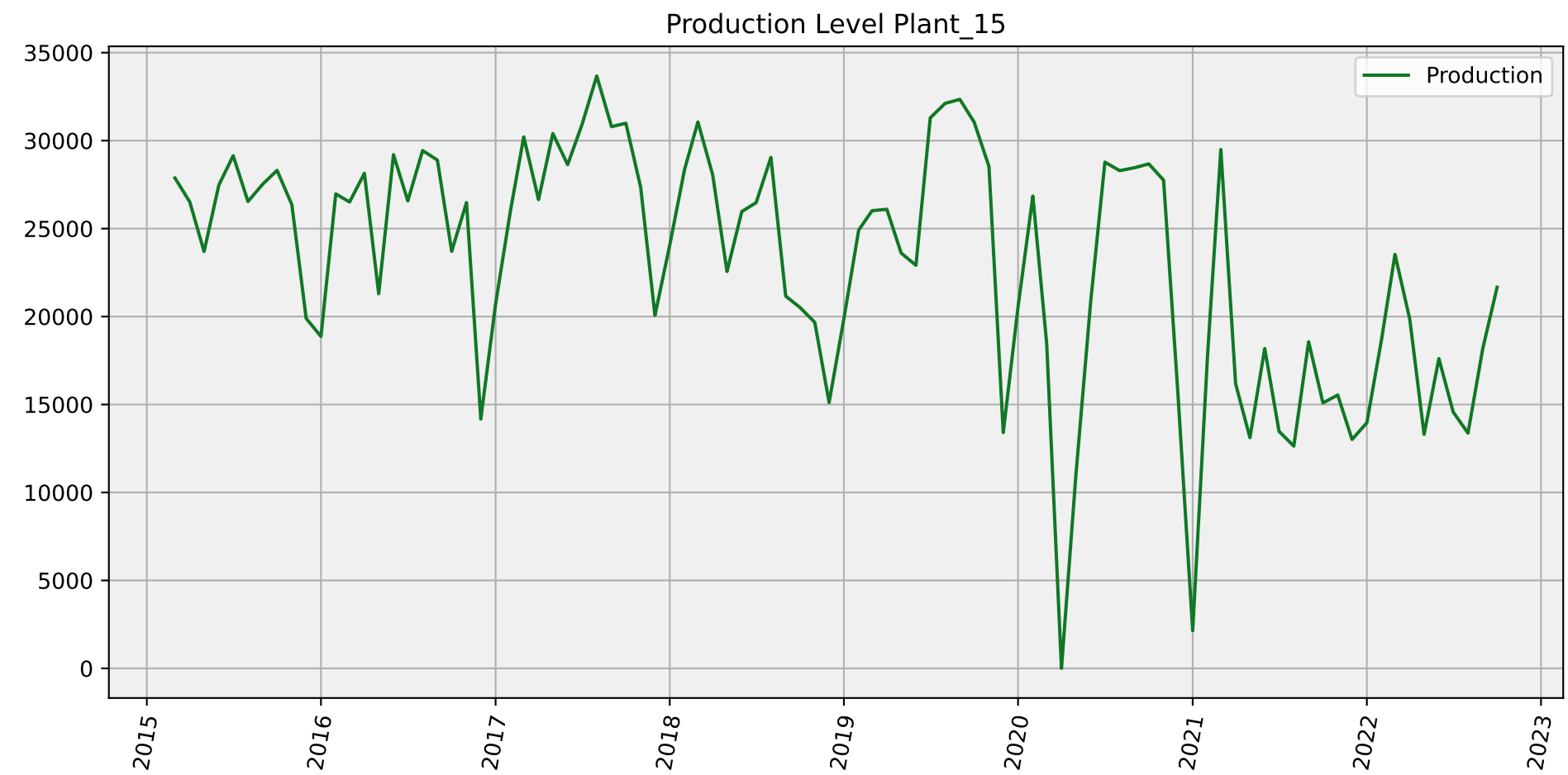
Production Level Plant_14

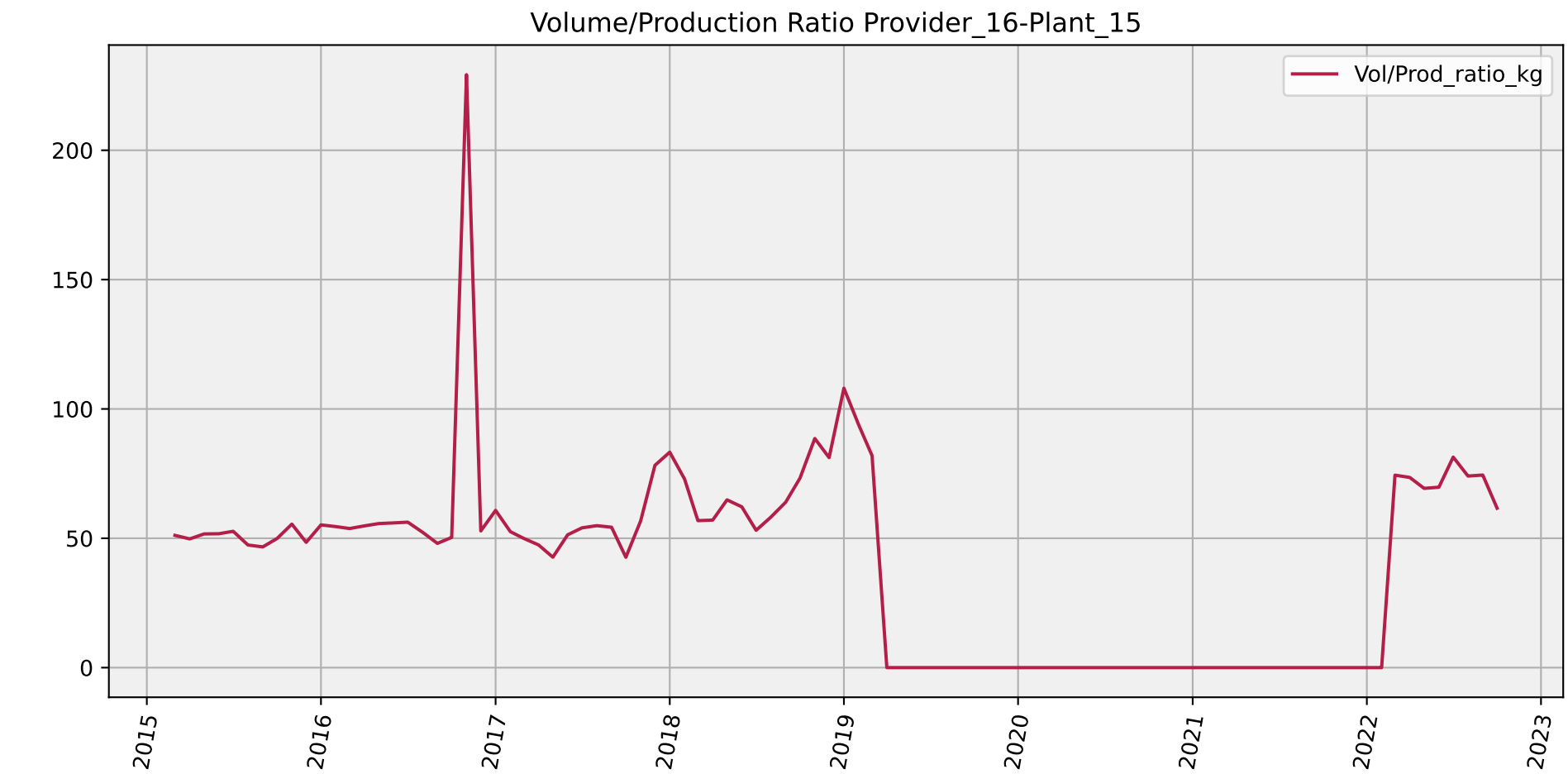


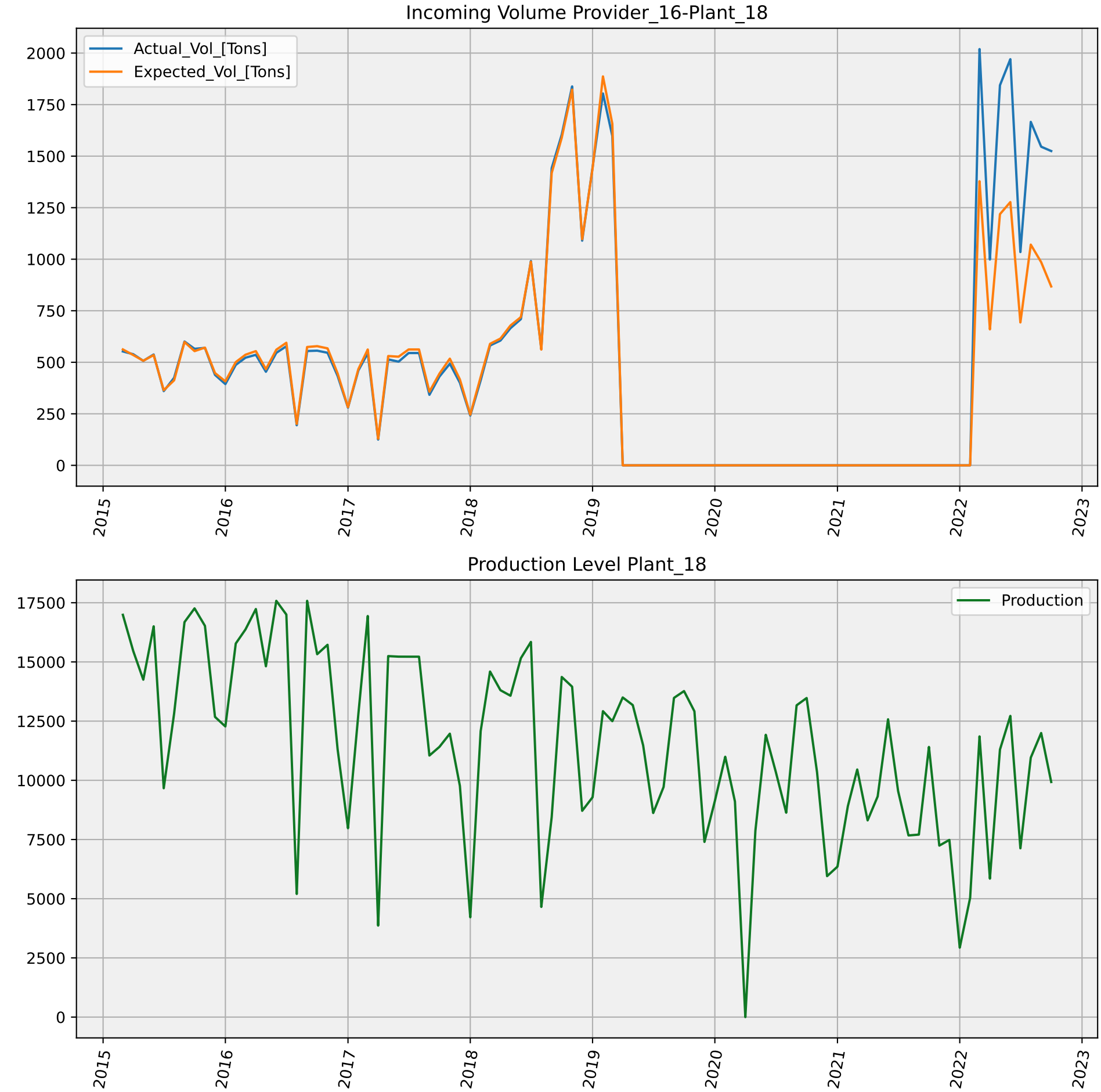
Volume/Production Ratio Provider_16-Plant_14



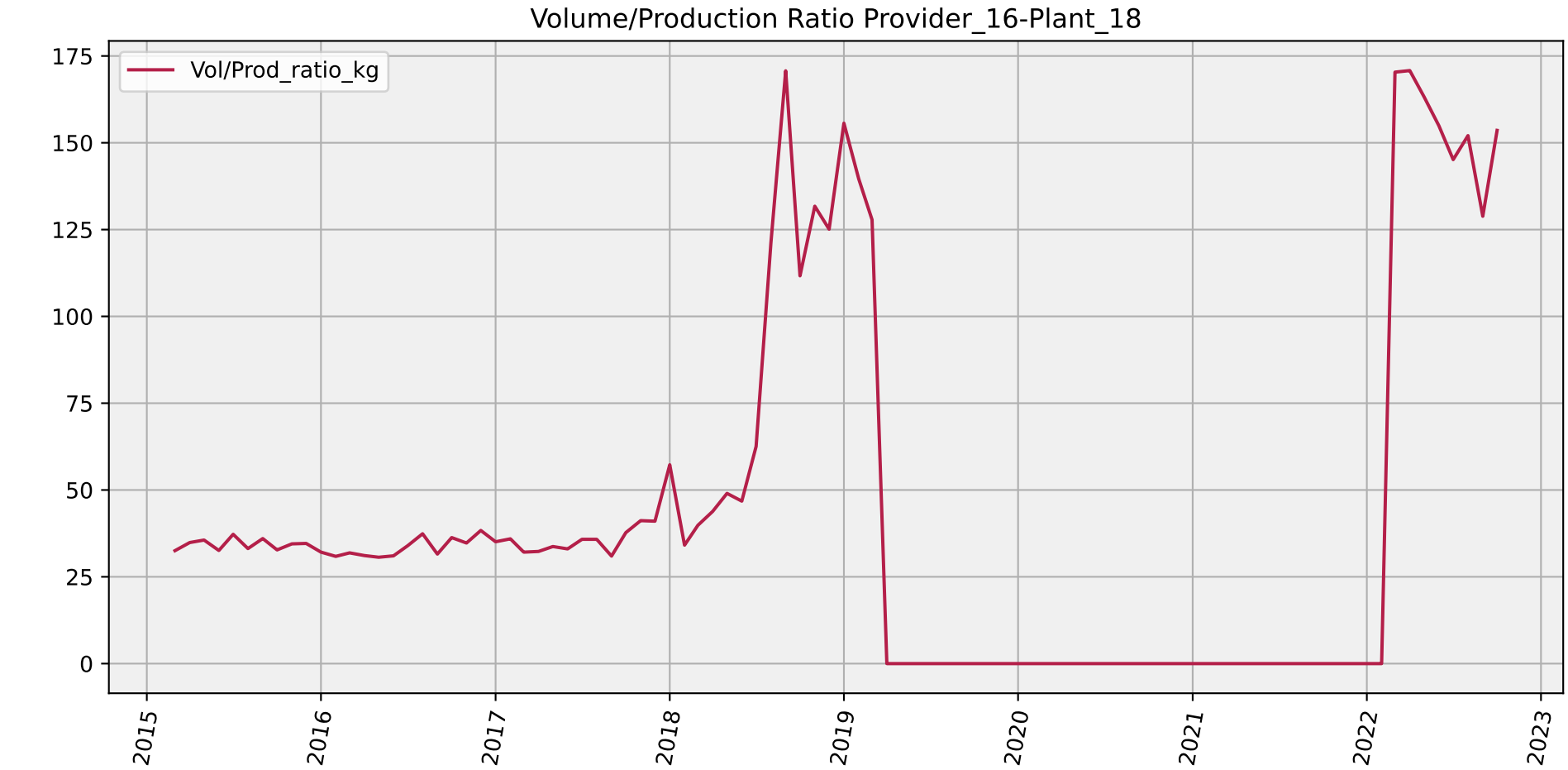

Incoming Volume Provider_16-Plant_15
Actual_Vol_[Tons]
Expected_Vol_[Tons]
6000
5000
4000
3000
2000
1000
0
2015
2016
2017
2018
2019
2020
2021
2022
2023


Production Level Plant_15
Production
35000
30000
25000
20000
15000
10000
5000
0
2015
2016
2017
2018
2019
2020
2021
2022
2023

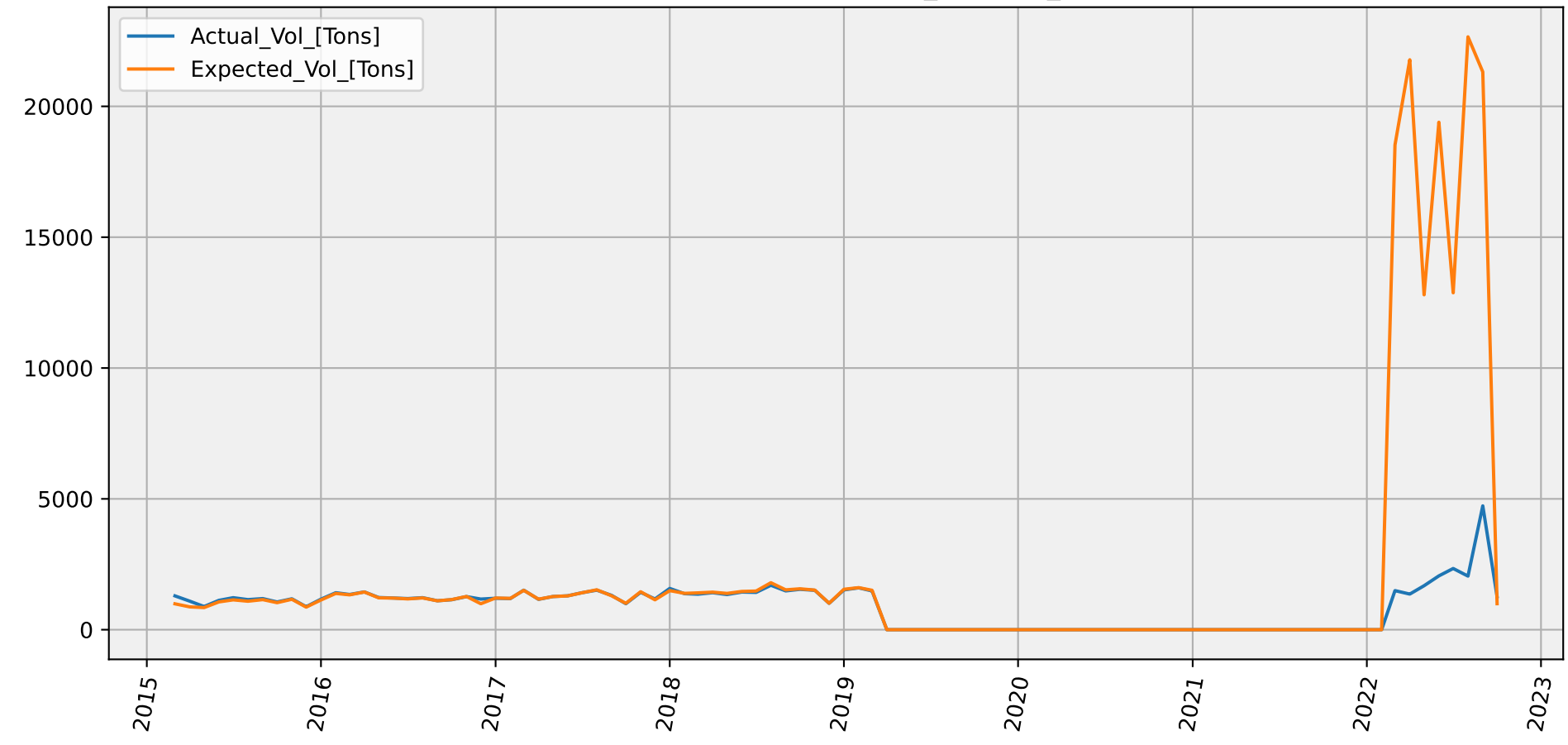

Volume/Production Ratio Provider_16-Plant_15
Vol/Prod_ratio_kg
200
150
100
50
0
2015
2016
2017
2018
2019
2020
2021
2022
2023


Incoming Volume Provider_16-Plant_18
Actual_Vol_[Tons]
Expected_Vol_[Tons]
2000
1750
1500
1250
1000
750
500
250
0
2015
2016
2017
2018
2019
2020
2021
2022
2023

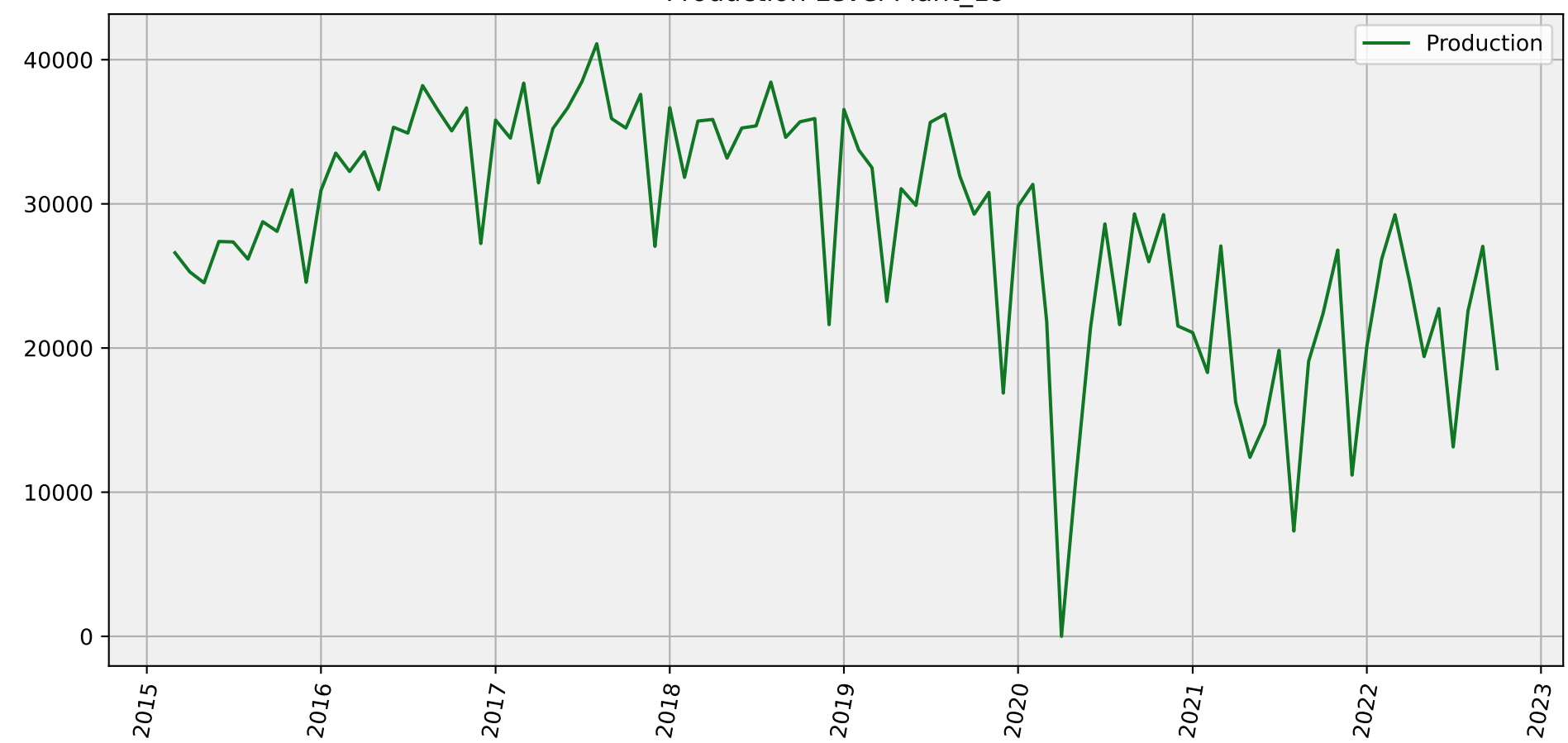
Production Level Plant_18
Production
17500
15000
12500
10000
7500
5000
2500
0
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_16-Plant_18
Vol/Prod_ratio_kg
175
150
125
100
75
50
25
0
2015
2016
2017
2018
2019
2020
2021
2022
2023

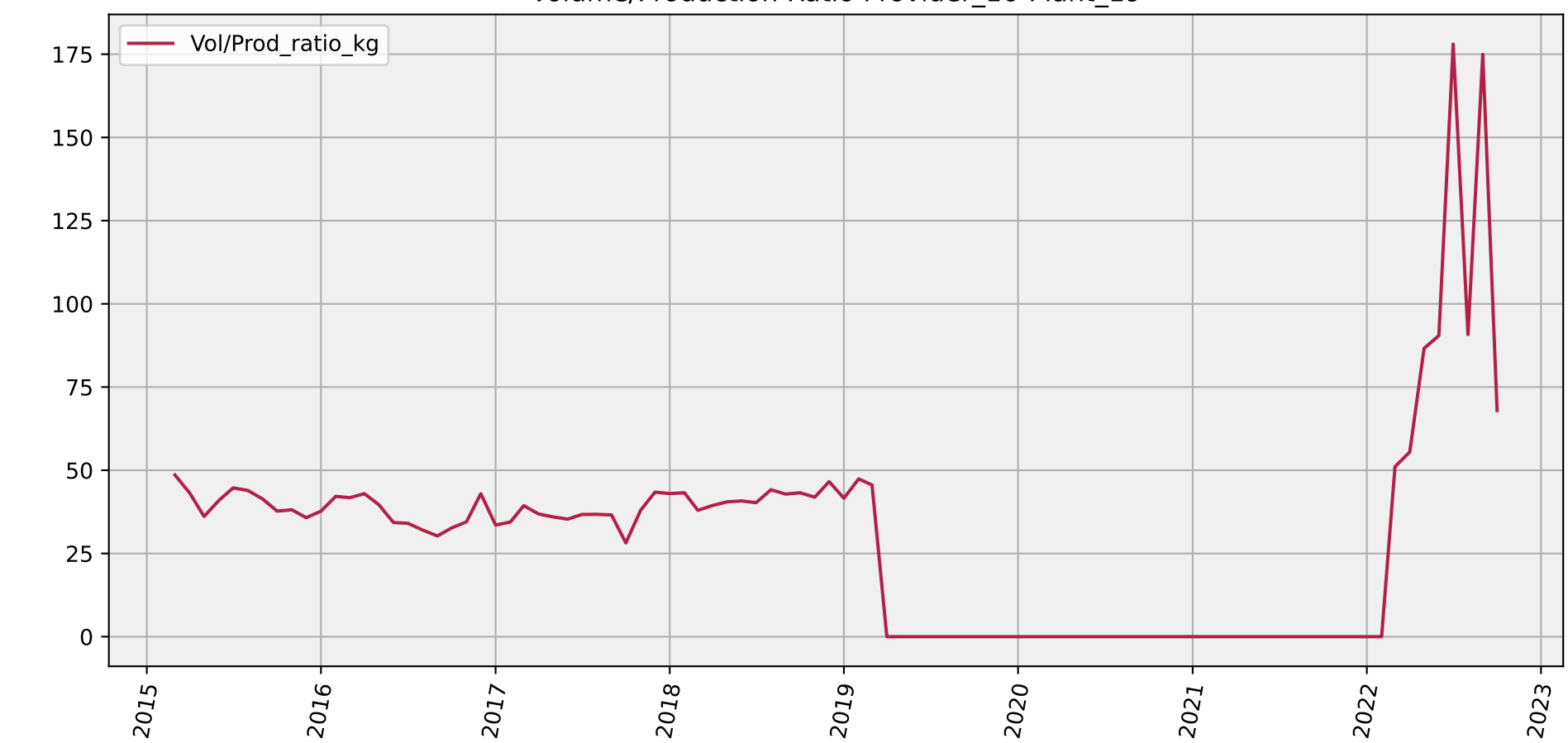
Incoming Volume Provider_16-Plant_19

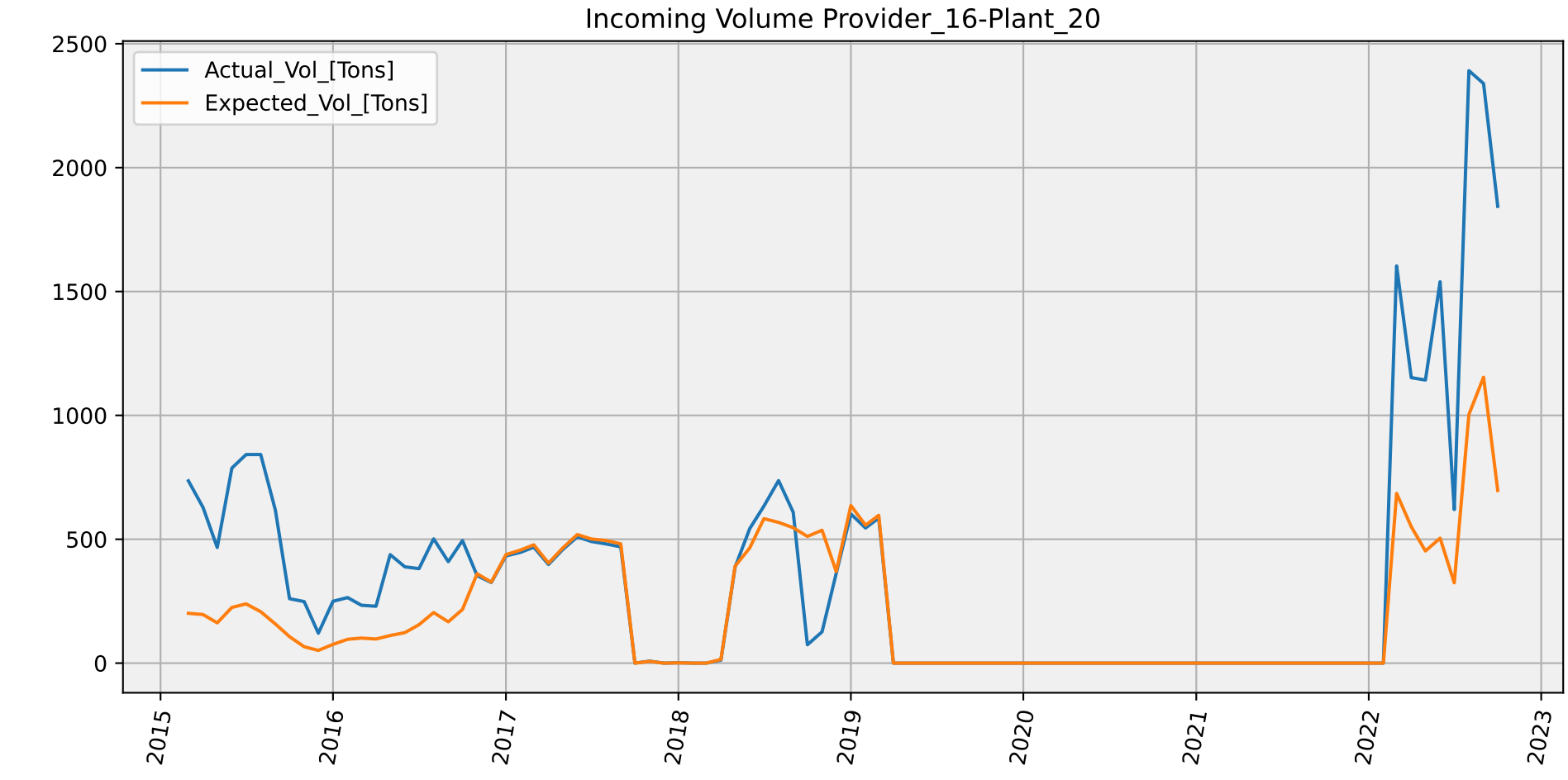


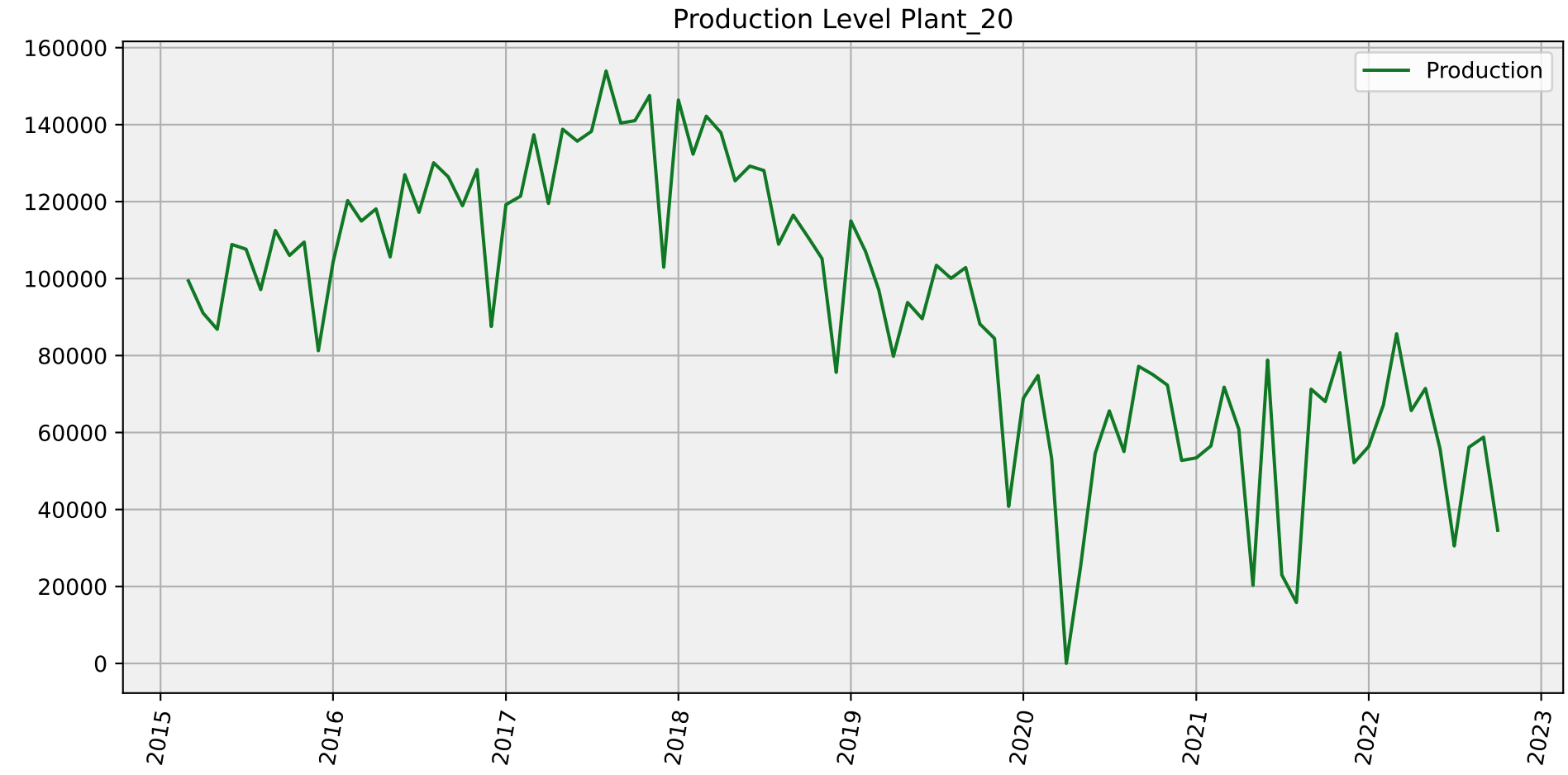
Production Level Plant_19

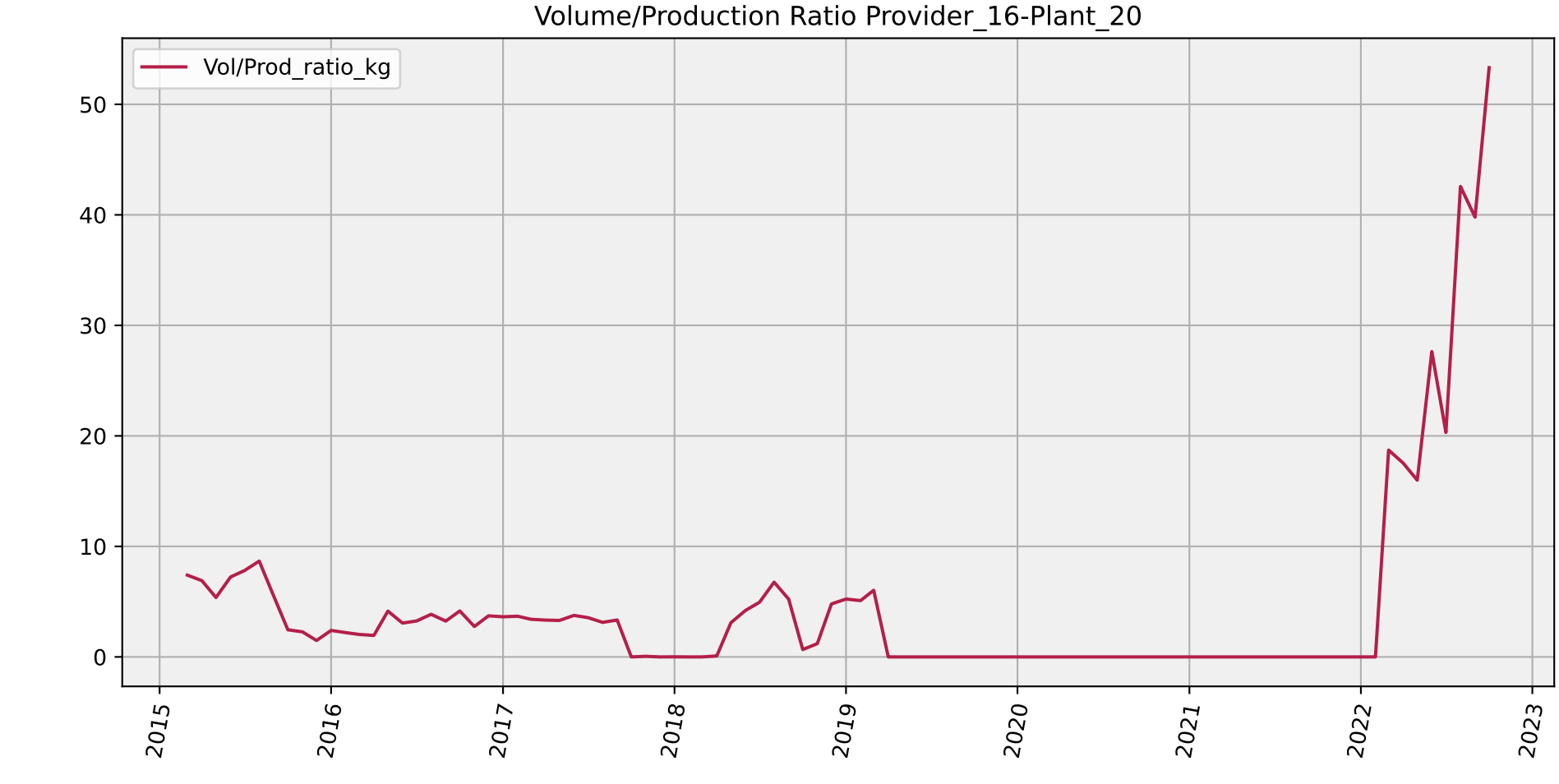


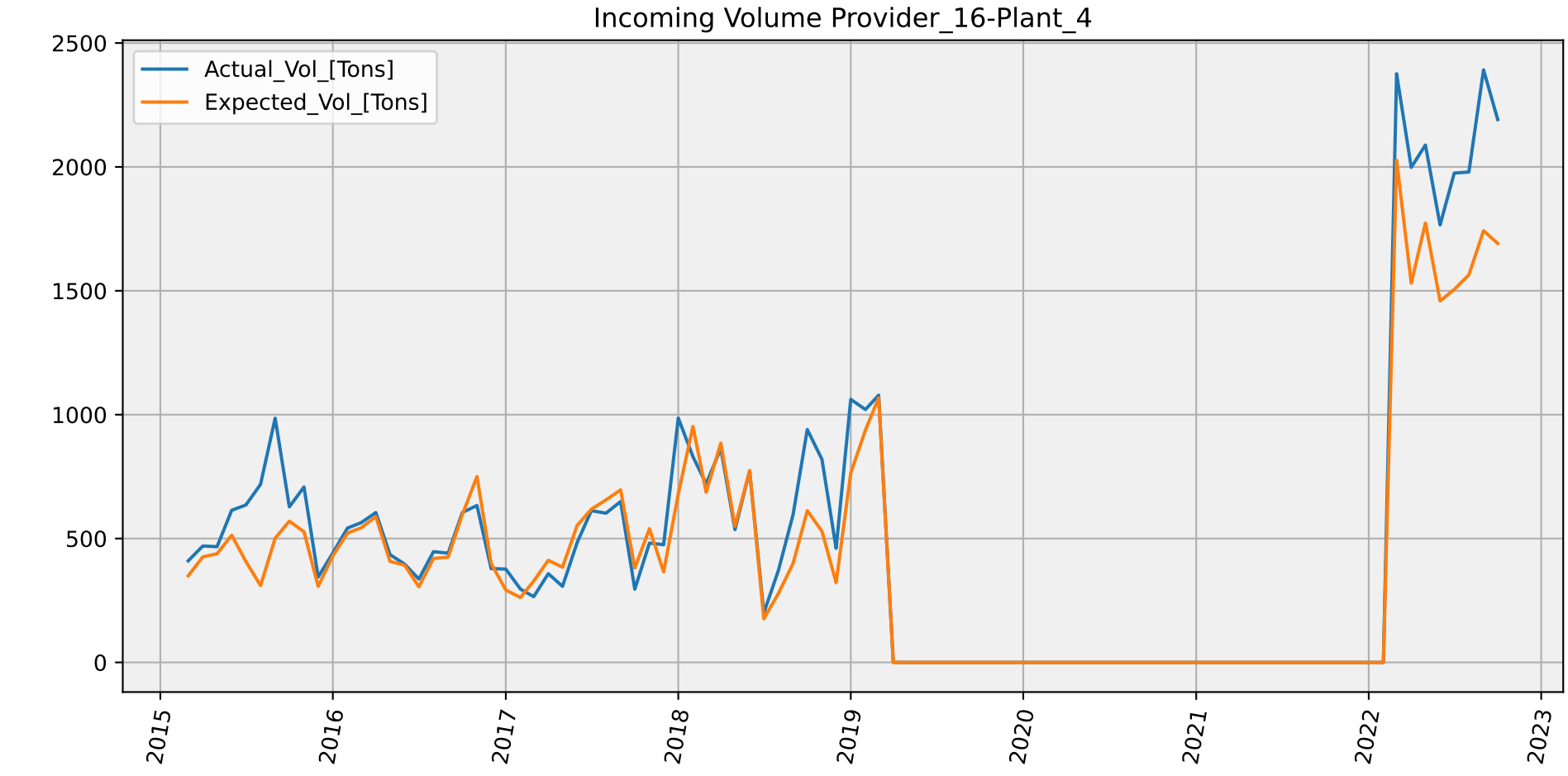
Volume/Production Ratio Provider_16-Plant_19

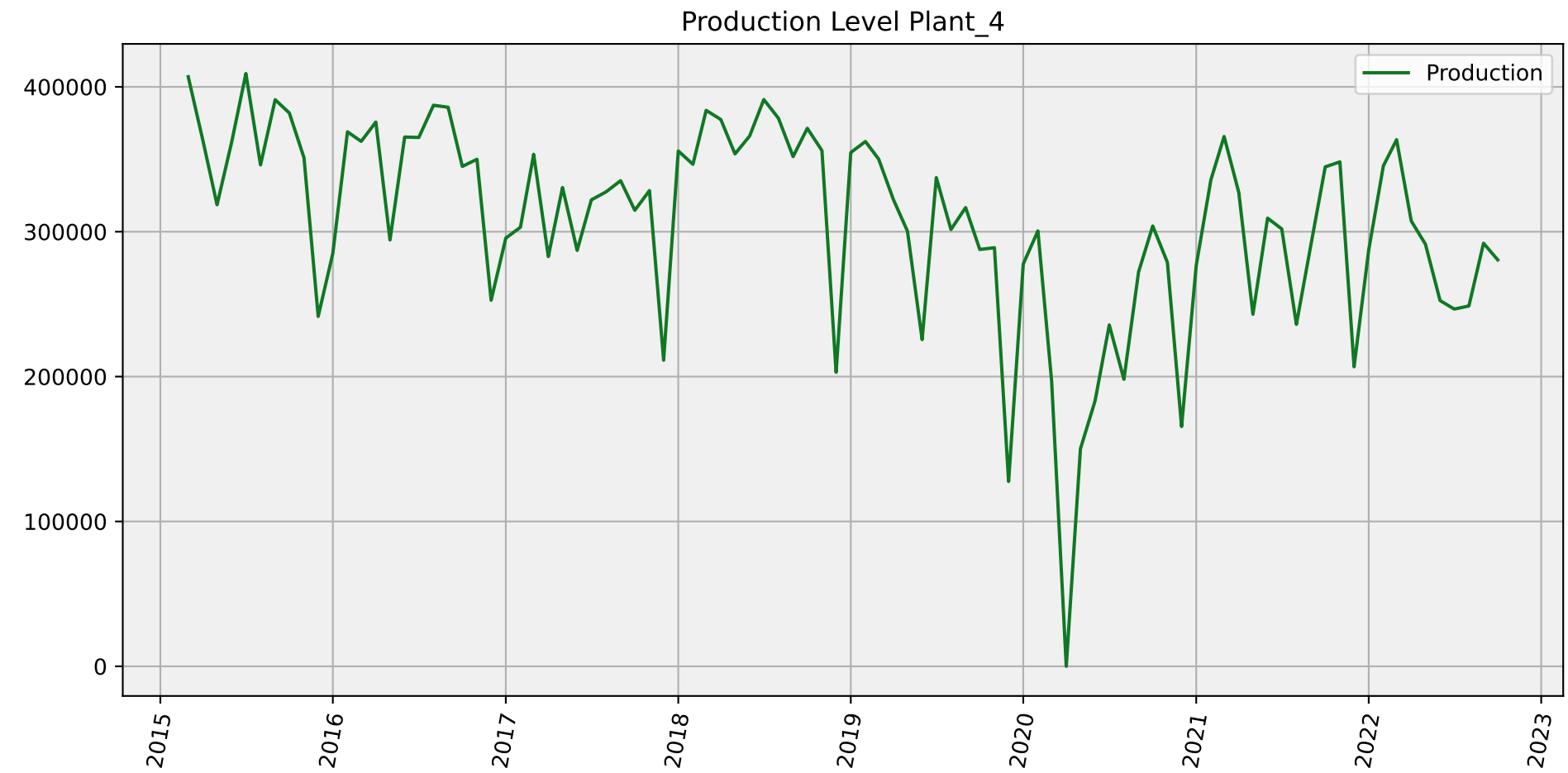


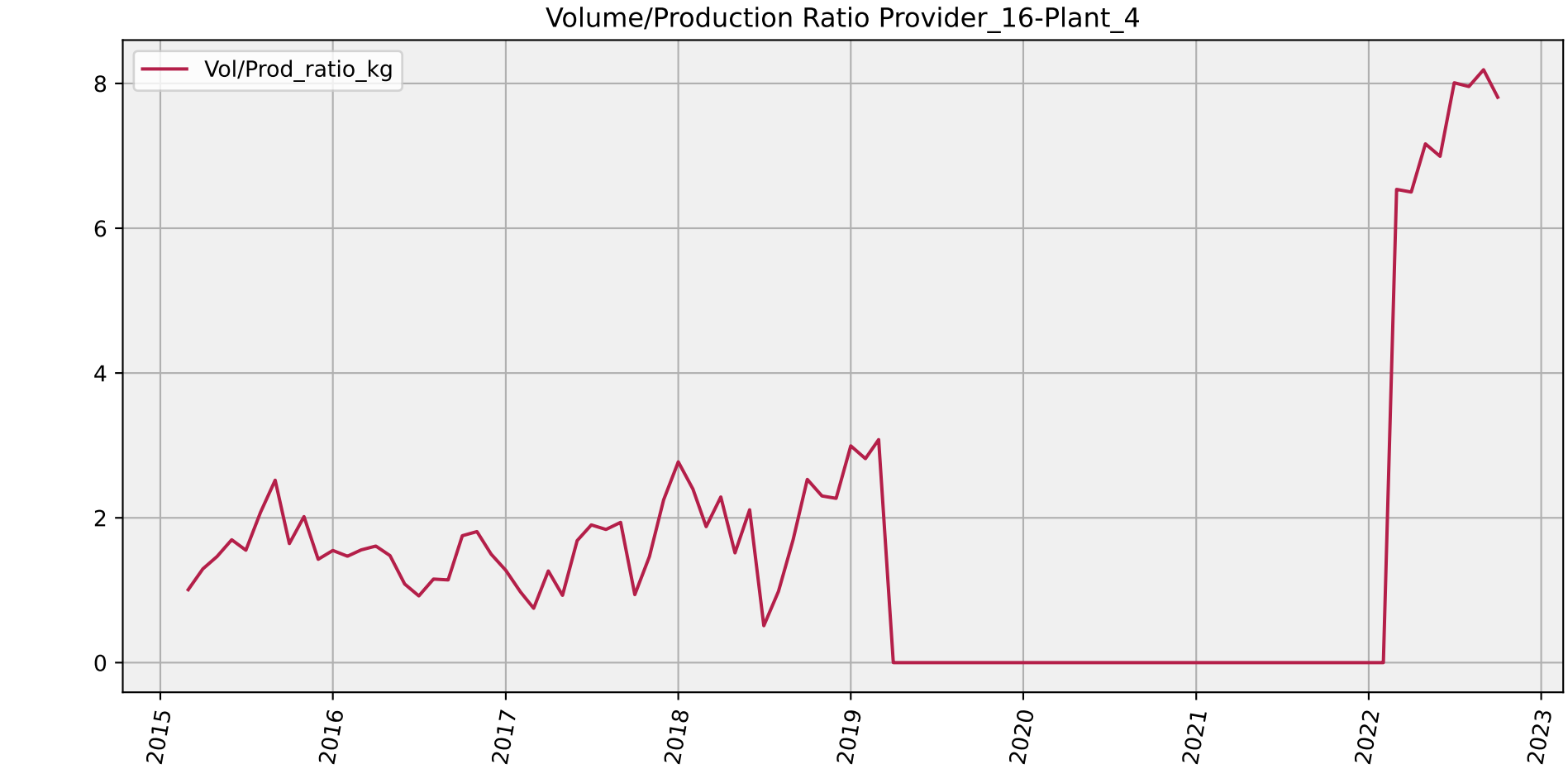

Incoming Volume Provider_16-Plant_20
Actual_Vol_[Tons]
Expected_Vol_[Tons]
2500
2000
1500
1000
500
0
2015
2016
2017
2018
2019
2020
2021
2022
2023

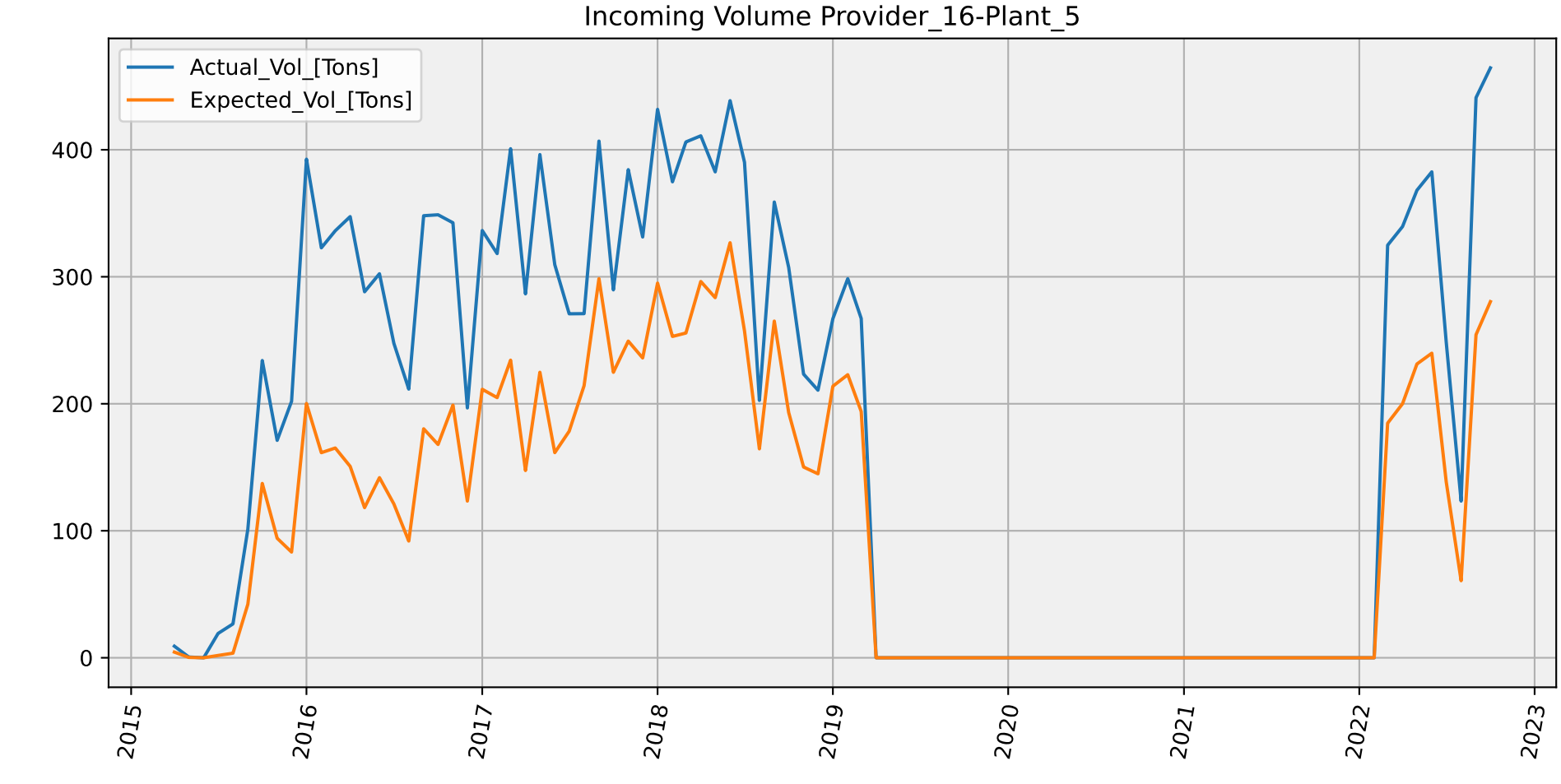

Production Level Plant_20
Production
160000
140000
120000
100000
80000
60000
40000
20000
0
2015
2016
2017
2018
2019
2020
2021
2022
2023

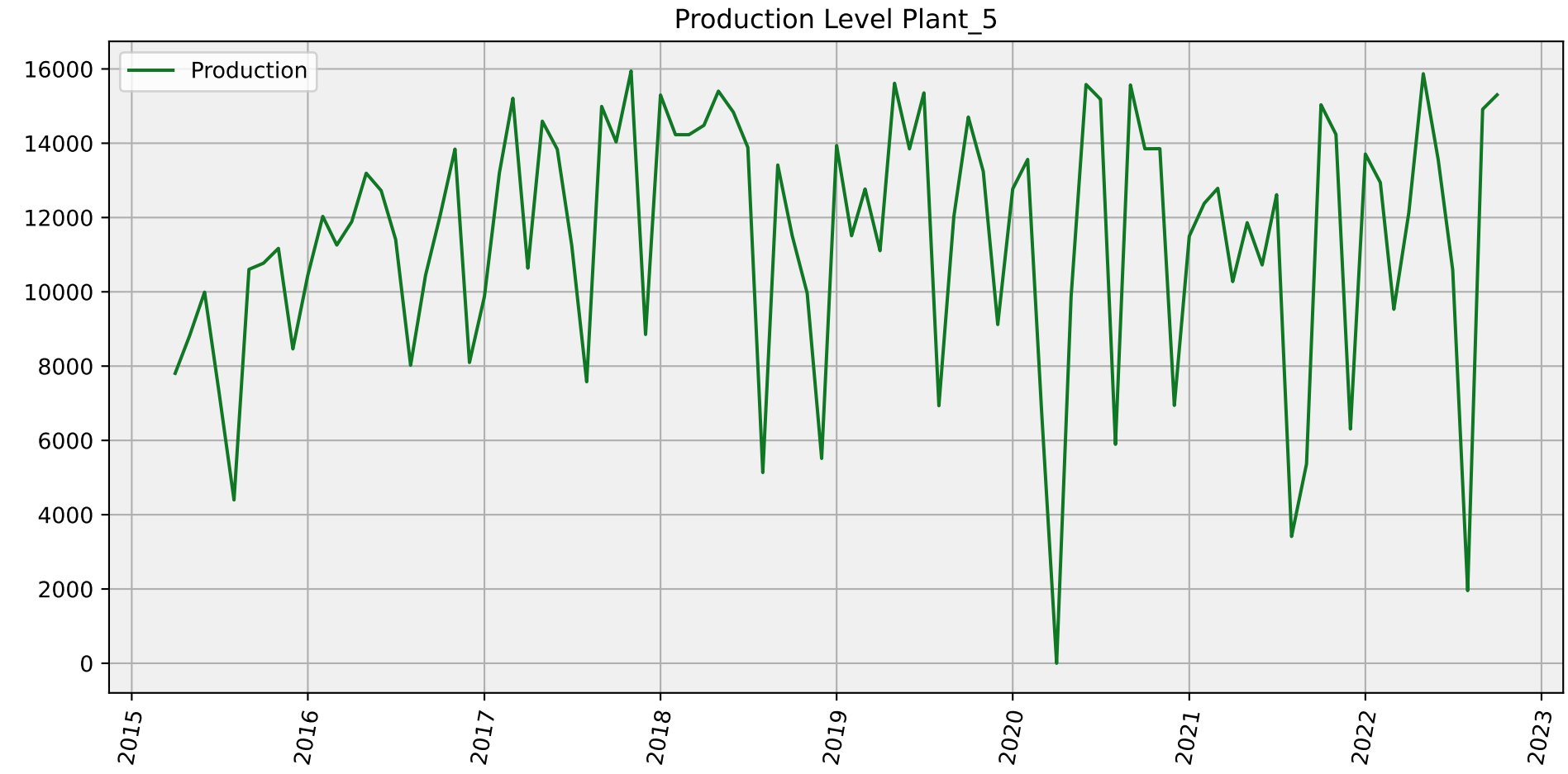

Volume/Production Ratio Provider_16-Plant_20
Vol/Prod_ratio_kg
50
40
30
20
10
0
2015
2016
2017
2018
2019
2020
2021
2022
2023

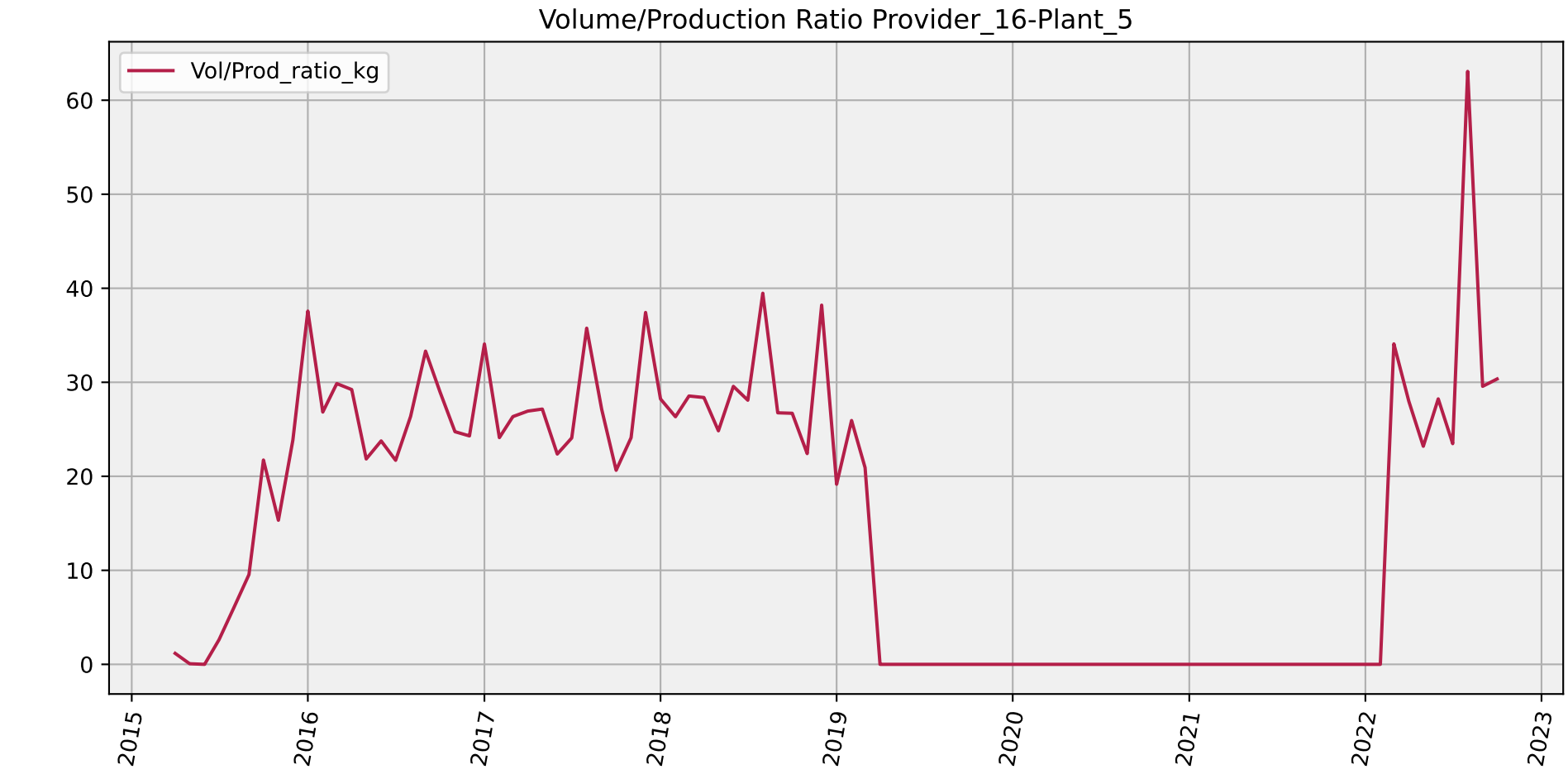

Incoming Volume Provider_16-Plant_4
Actual_Vol_[Tons]
Expected_Vol_[Tons]
2500
2000
1500
1000
500
0
2015
2016
2017
2018
2019
2020
2021
2022
2023


Production Level Plant_4
Production
400000
300000
200000
100000
0
2015
2016
2017
2018
2019
2020
2021
2022
2023

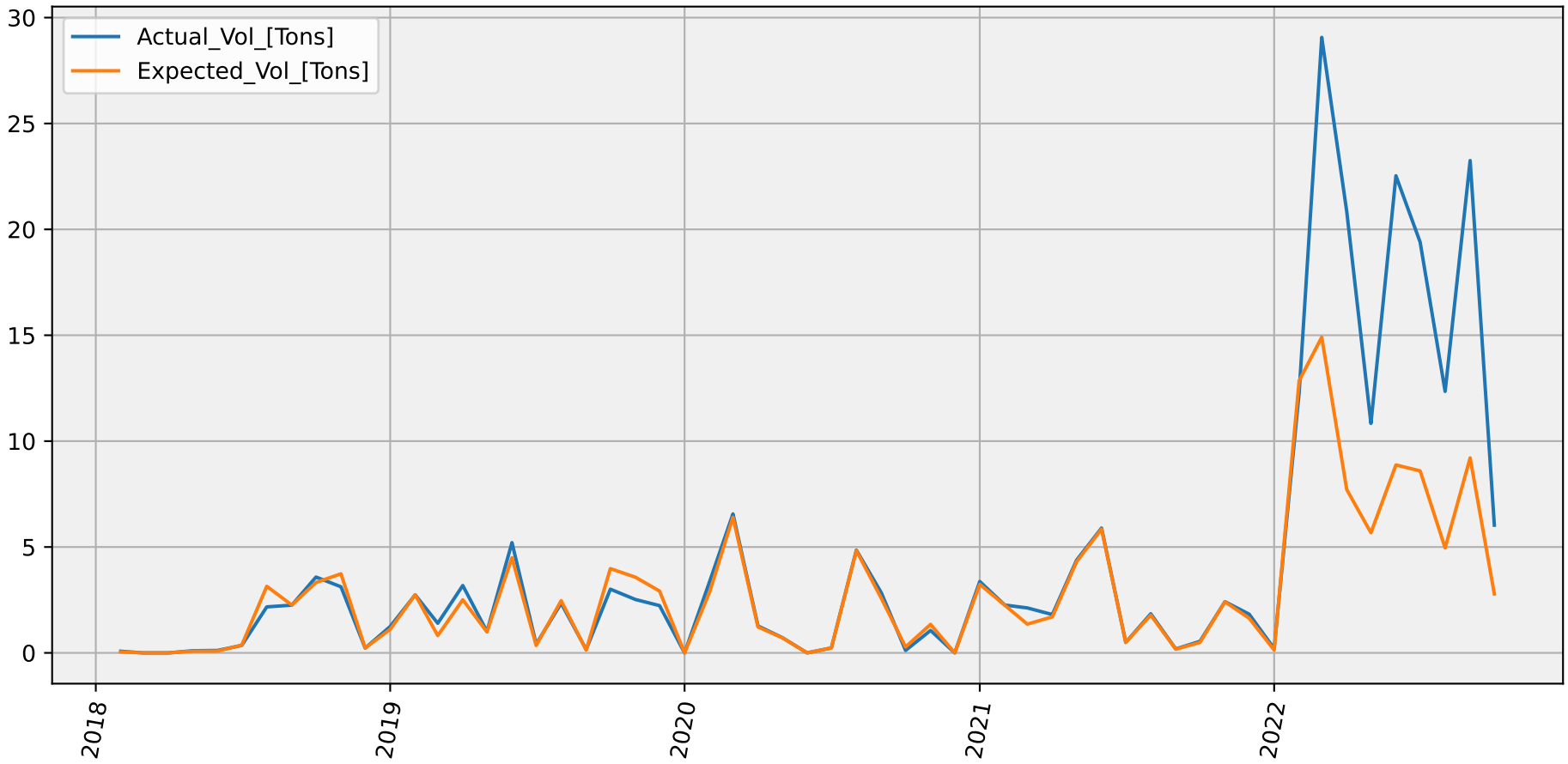

Volume/Production Ratio Provider_16-Plant_4
Vol/Prod_ratio_kg
8
6
4
2
0
2015
2016
2017
2018
2019
2020
2021
2022
2023


Incoming Volume Provider_16-Plant_5
Actual_Vol_[Tons]
Expected_Vol_[Tons]
0
100
200
300
400
2015
2016
2017
2018
2019
2020
2021
2022
2023

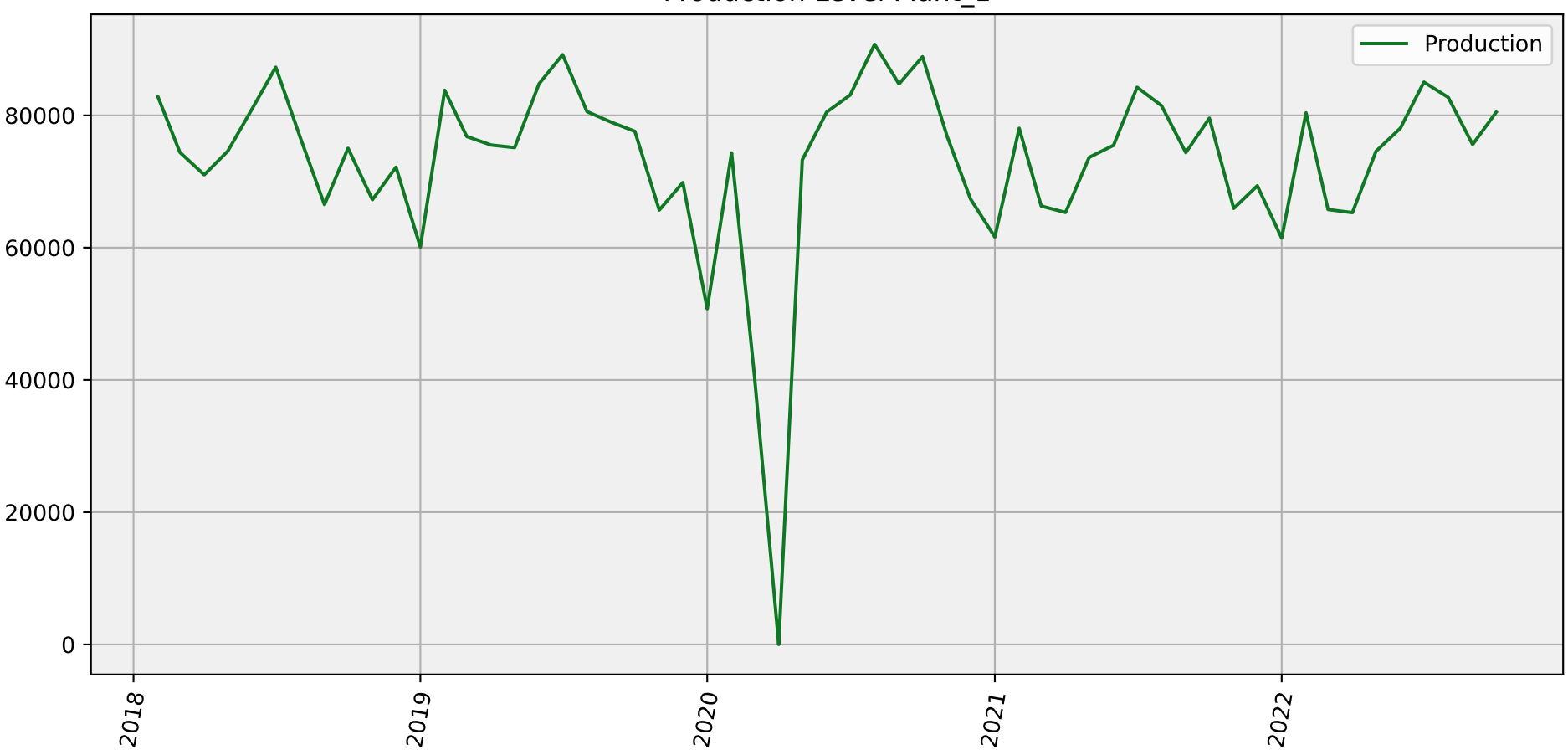

Production Level Plant_5
Production
0
2000
4000
6000
8000
10000
12000
14000
16000
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_16-Plant_5
Vol/Prod_ratio_kg
0
10
20
30
40
50
60
2015
2016
2017
2018
2019
2020
2021
2022
2023

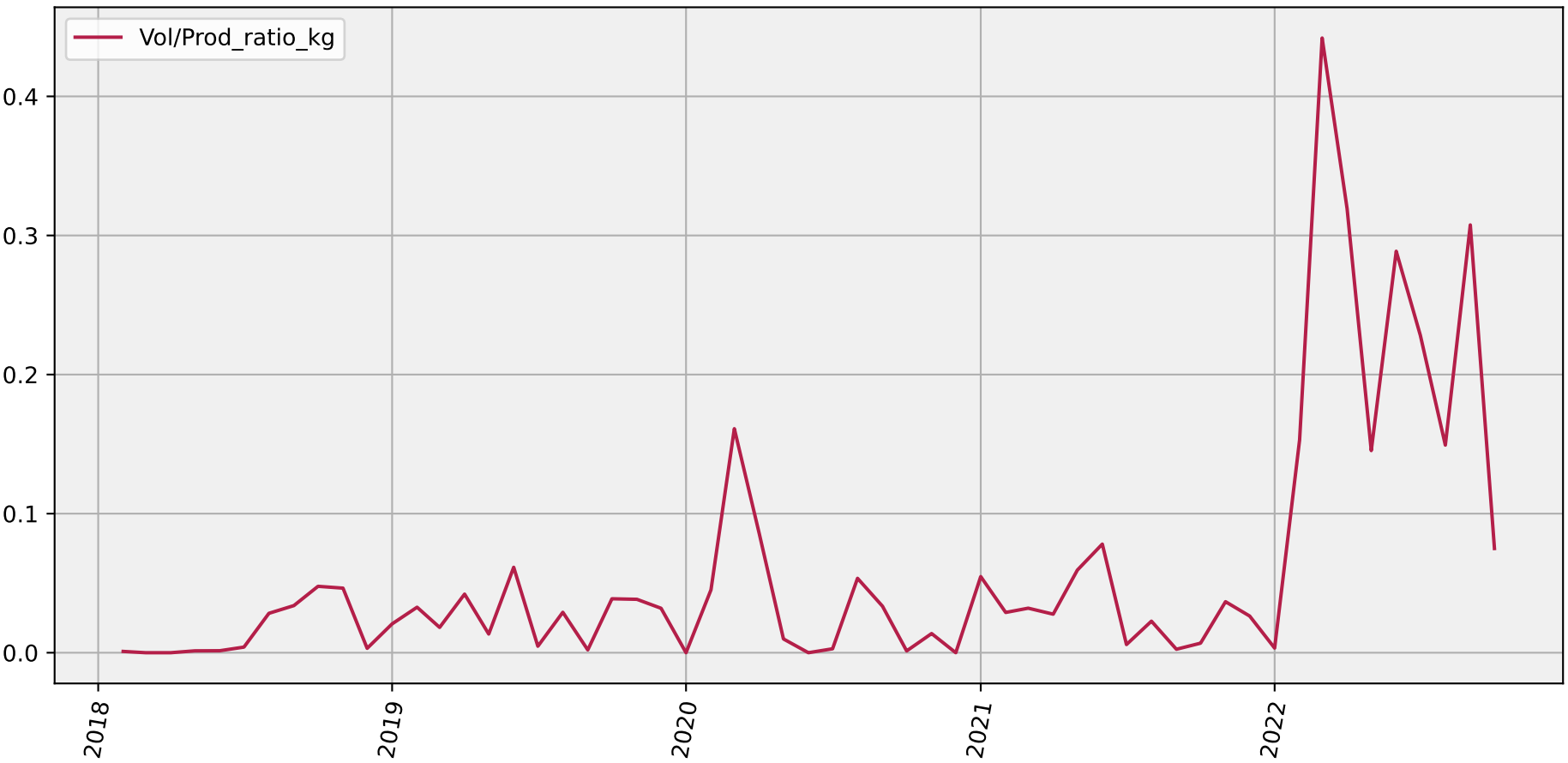
Incoming Volume Provider_18-Plant_1

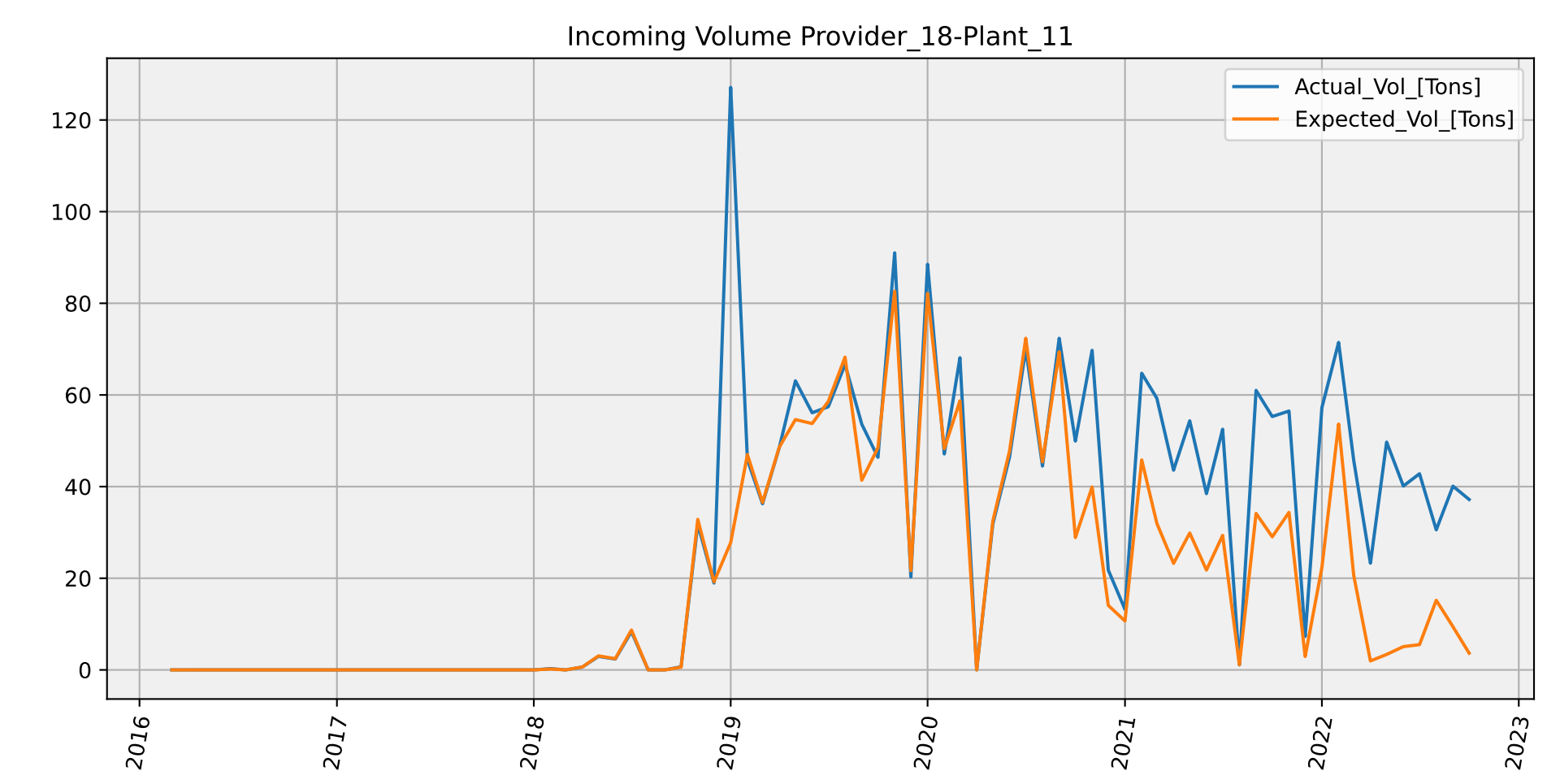


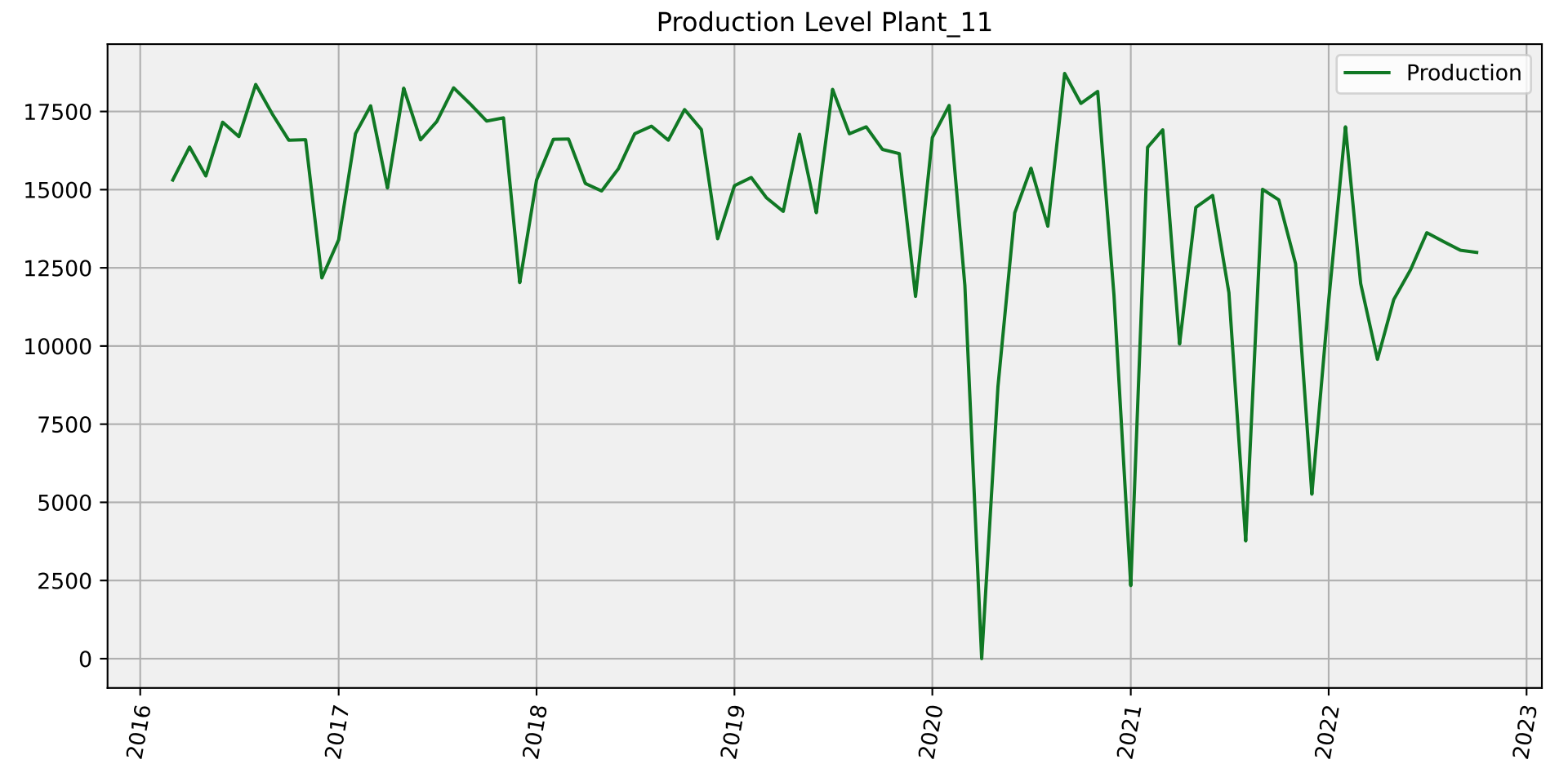
Production Level Plant_1

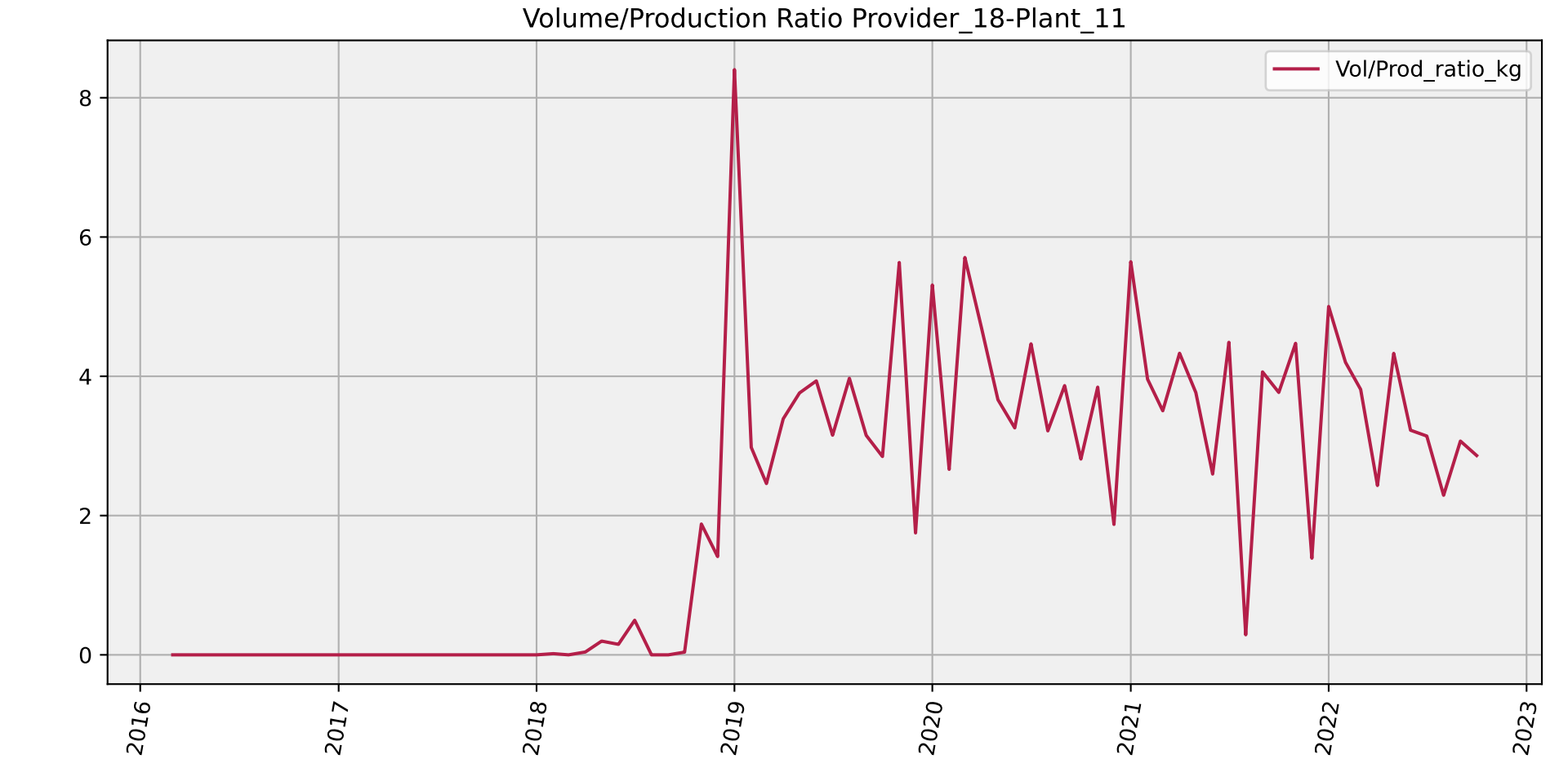


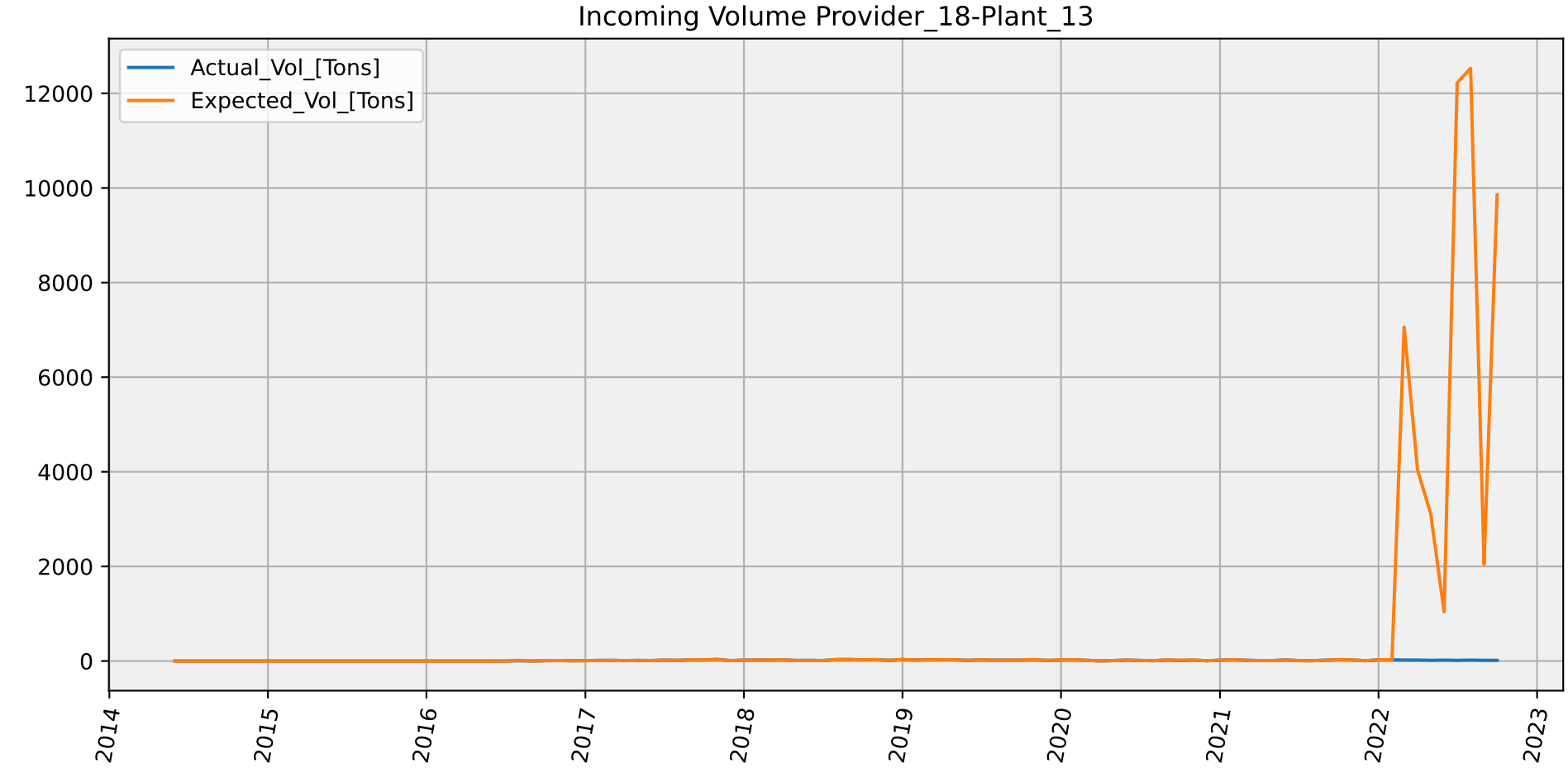
Volume/Production Ratio Provider_18-Plant_1

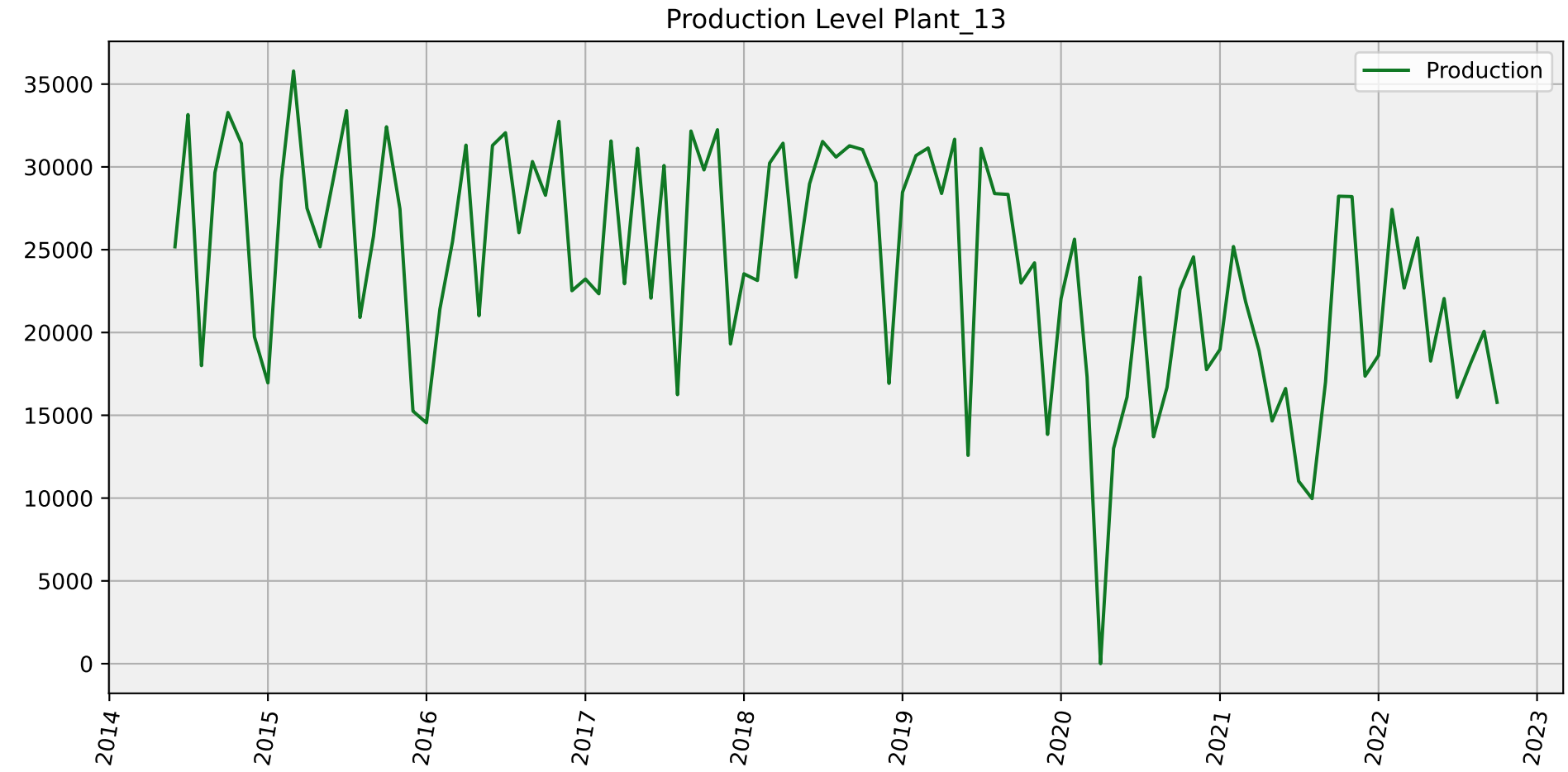


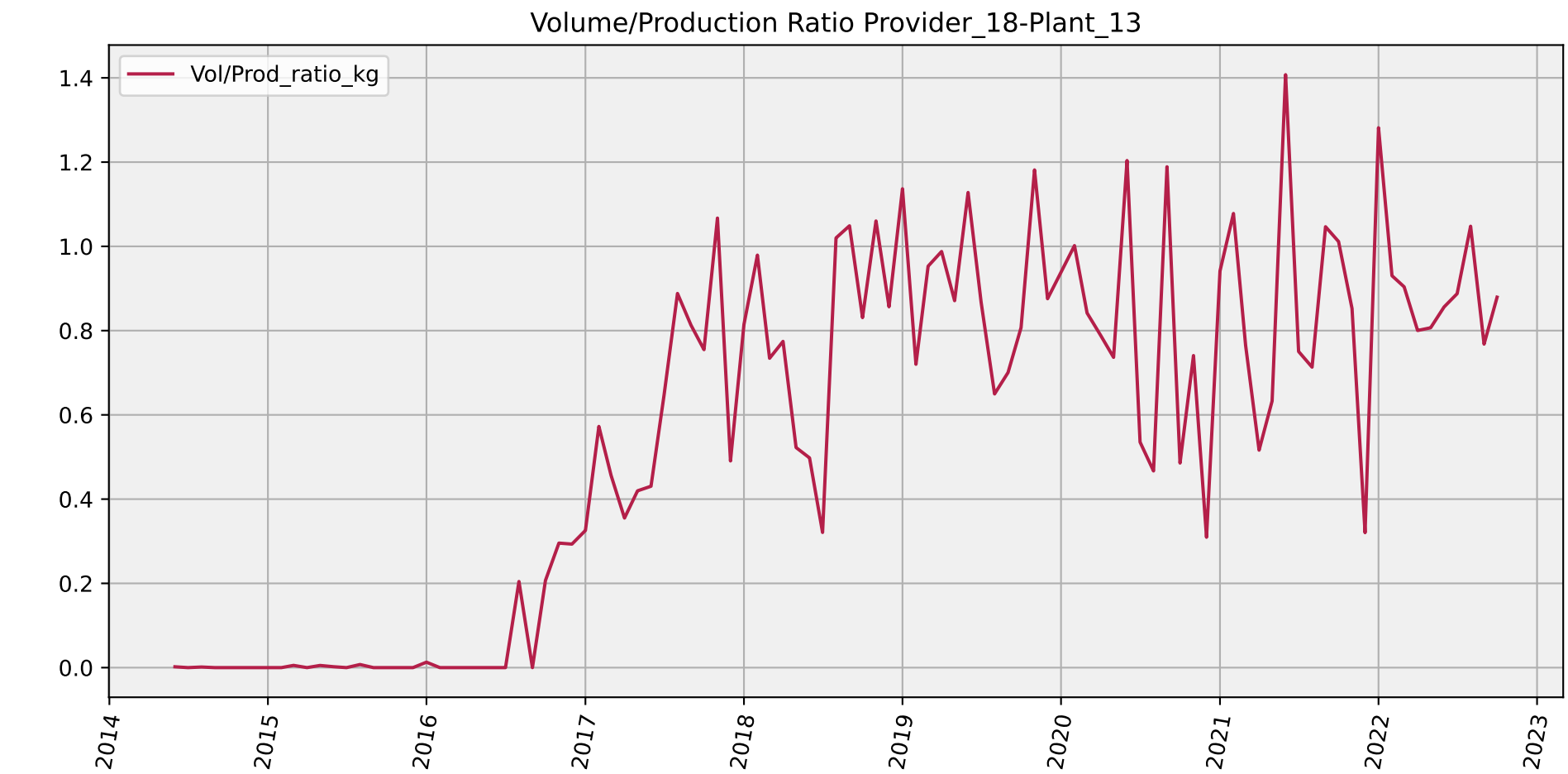

Incoming Volume Provider_18-Plant_11
Actual_Vol_[Tons]
Expected_Vol_[Tons]
120
100
80
60
40
20
0
2016
2017
2018
2019
2020
2021
2022
2023


Production Level Plant_11
Production
17500
15000
12500
10000
7500
5000
2500
0
2016
2017
2018
2019
2020
2021
2022
2023

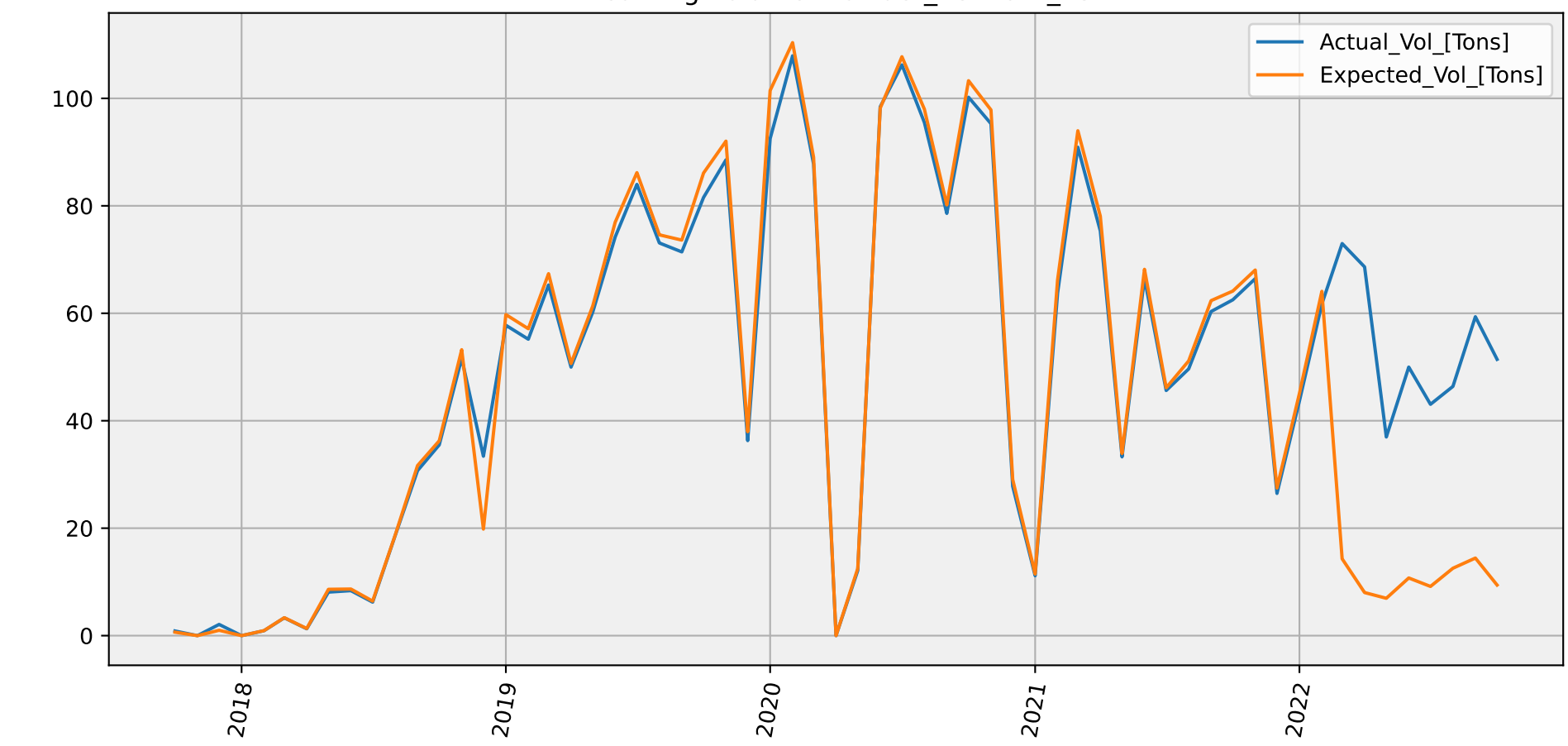

Volume/Production Ratio Provider_18-Plant_11
Vol/Prod_ratio_kg
8
6
4
2
0
2016
2017
2018
2019
2020
2021
2022
2023


Incoming Volume Provider_18-Plant_13
Actual_Vol_[Tons]
Expected_Vol_[Tons]
12000
10000
8000
6000
4000
2000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

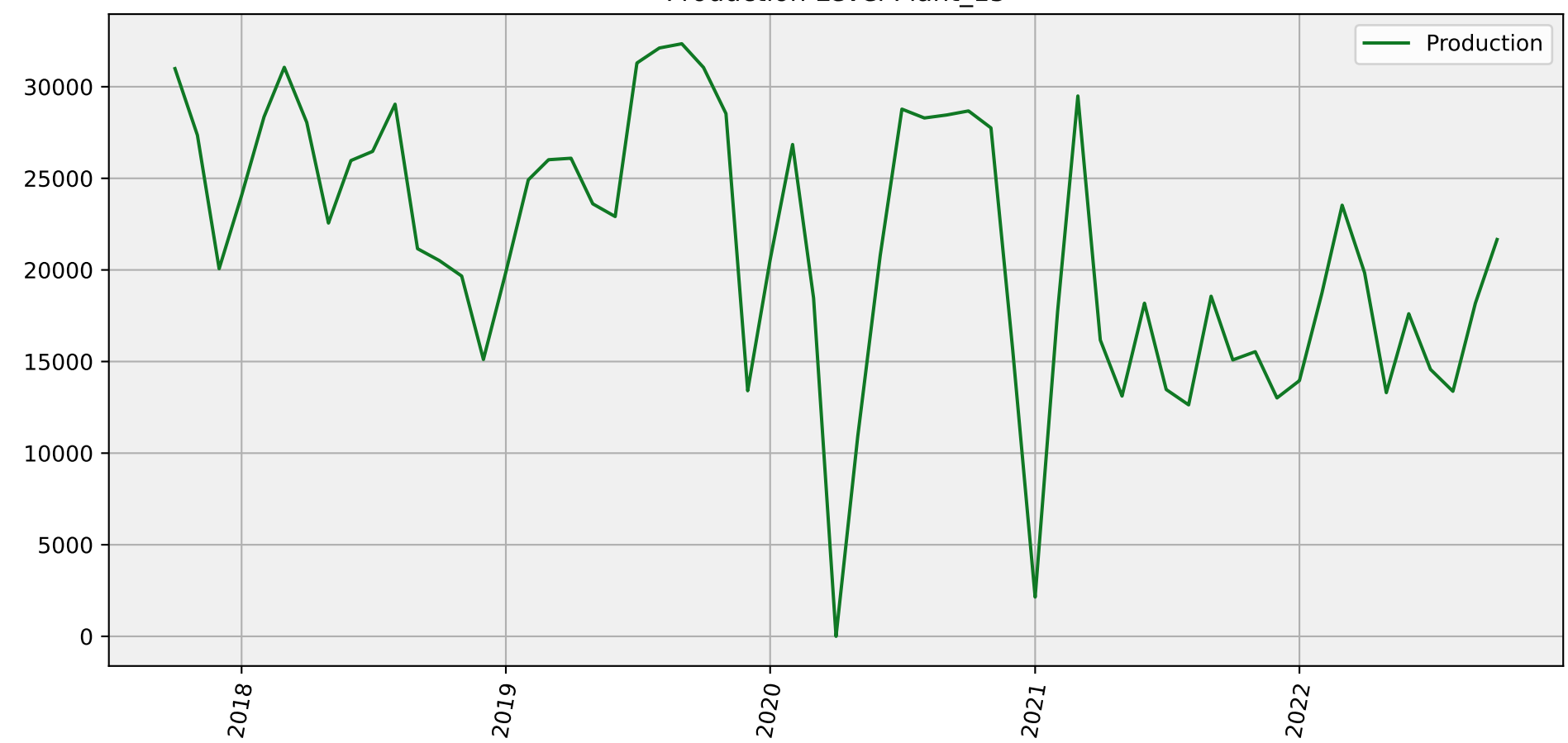

Production Level Plant_13
Production
35000
30000
25000
20000
15000
10000
5000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_18-Plant_13
Vol/Prod_ratio_kg
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

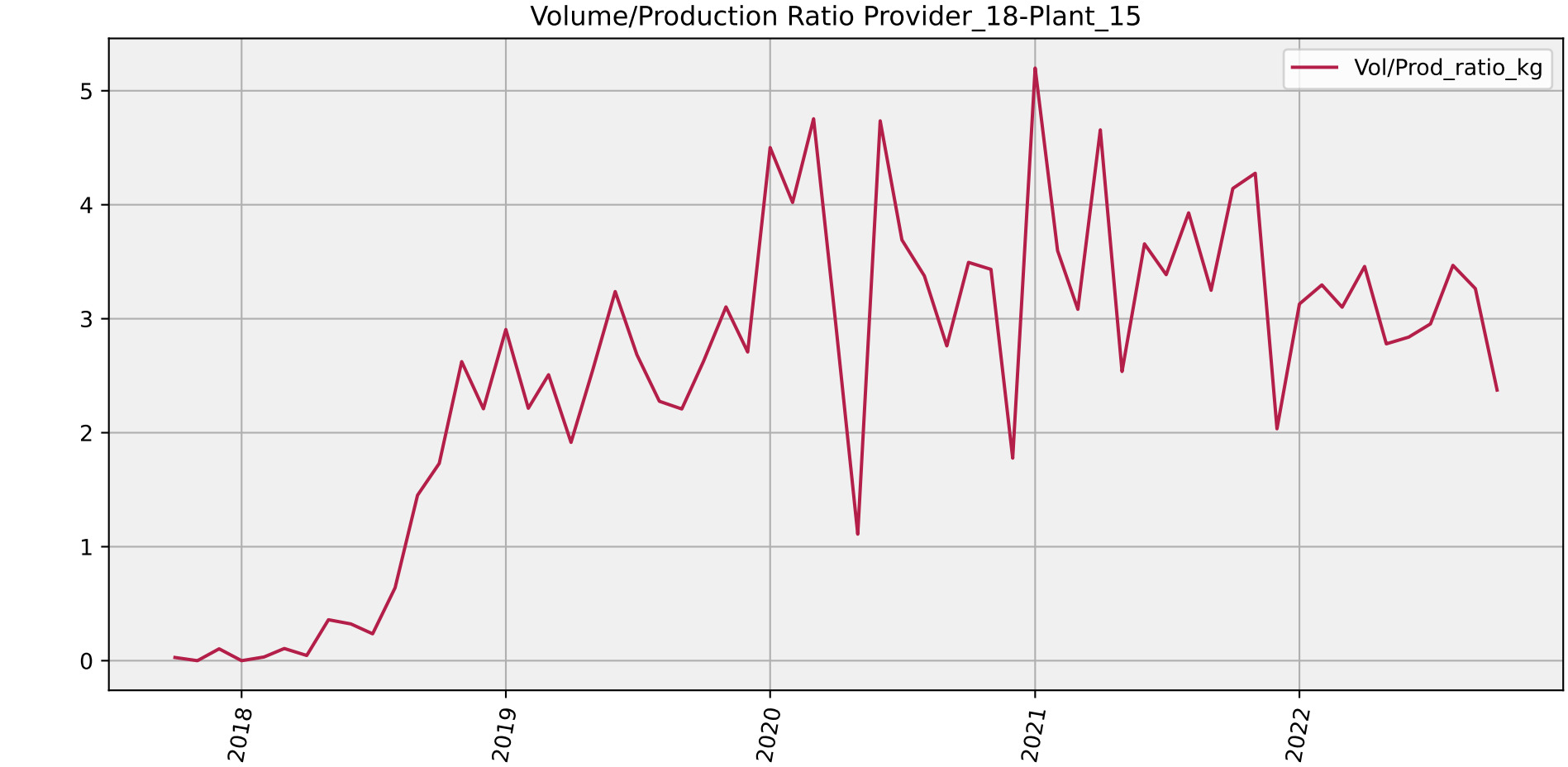
Incoming Volume Provider_18-Plant_15



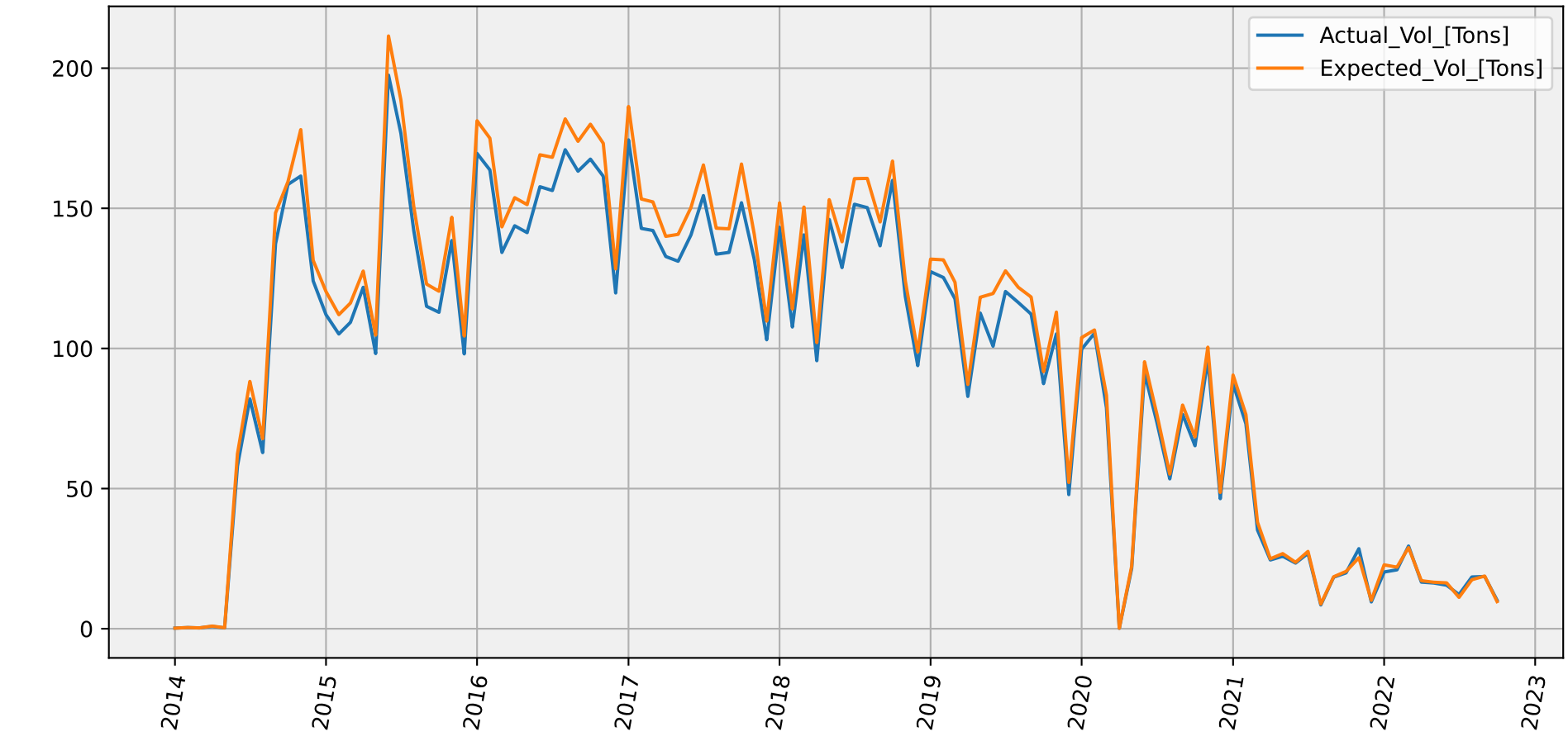
Production Level Plant_15



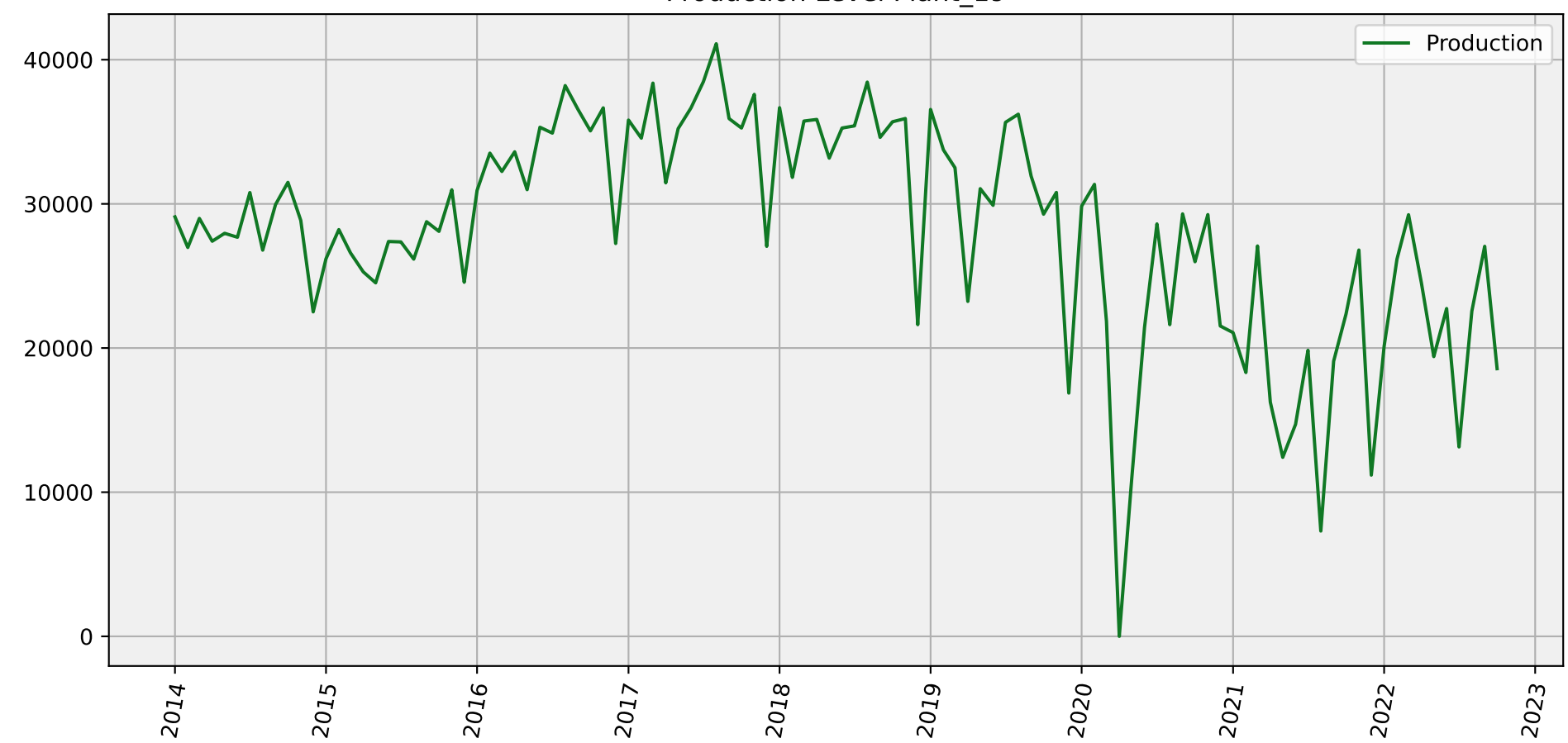
Volume/Production Ratio Provider_18-Plant_15



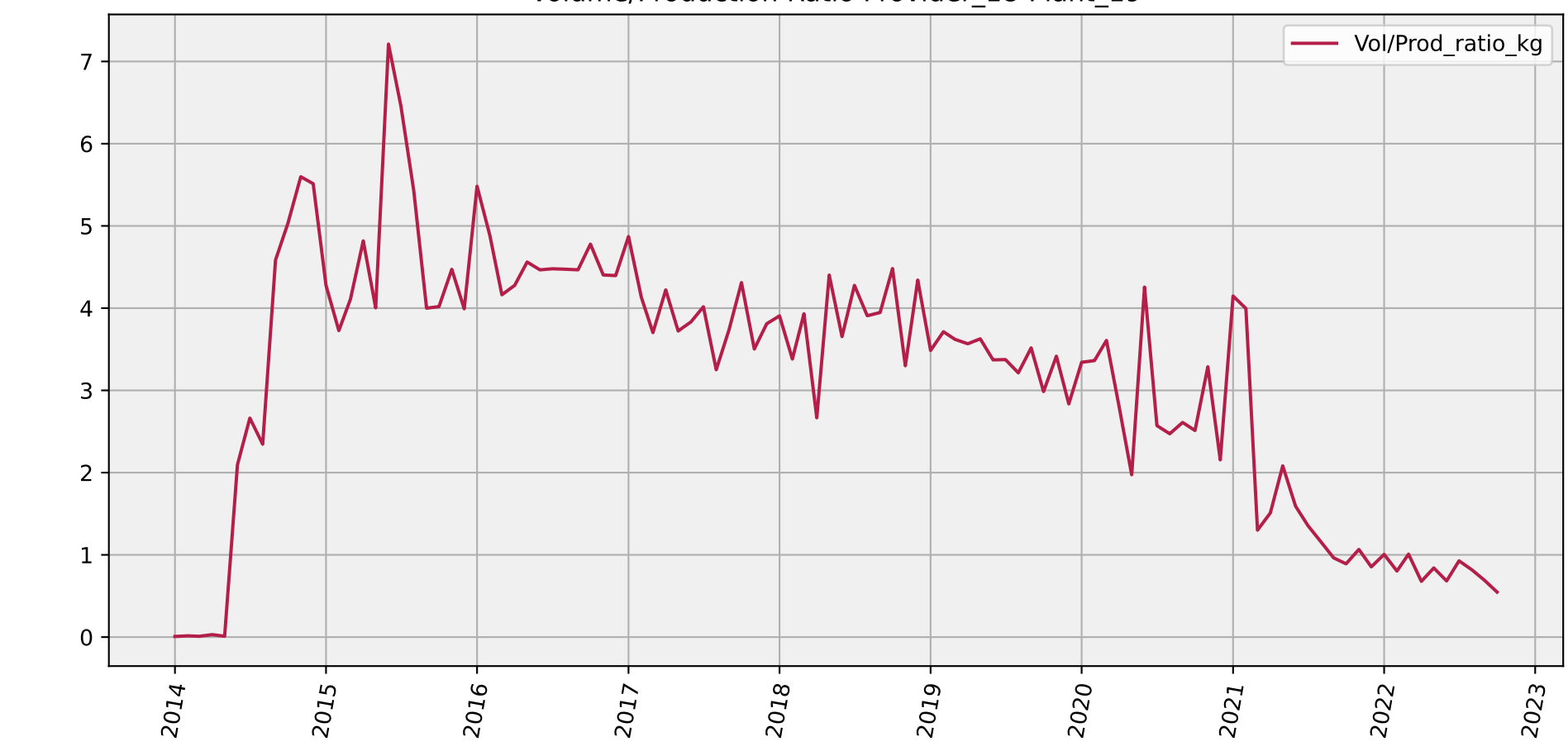
Incoming Volume Provider_18-Plant_19

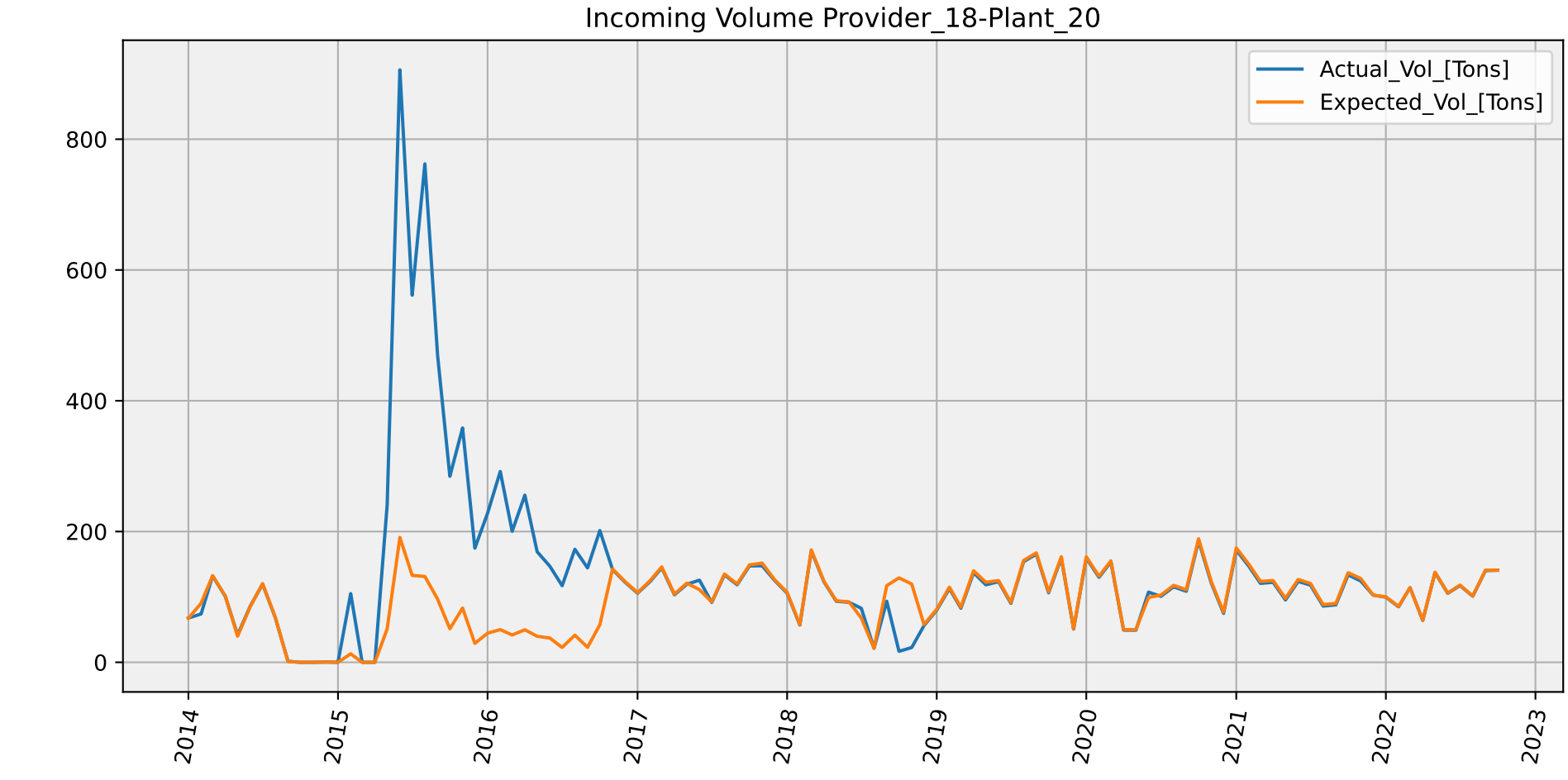


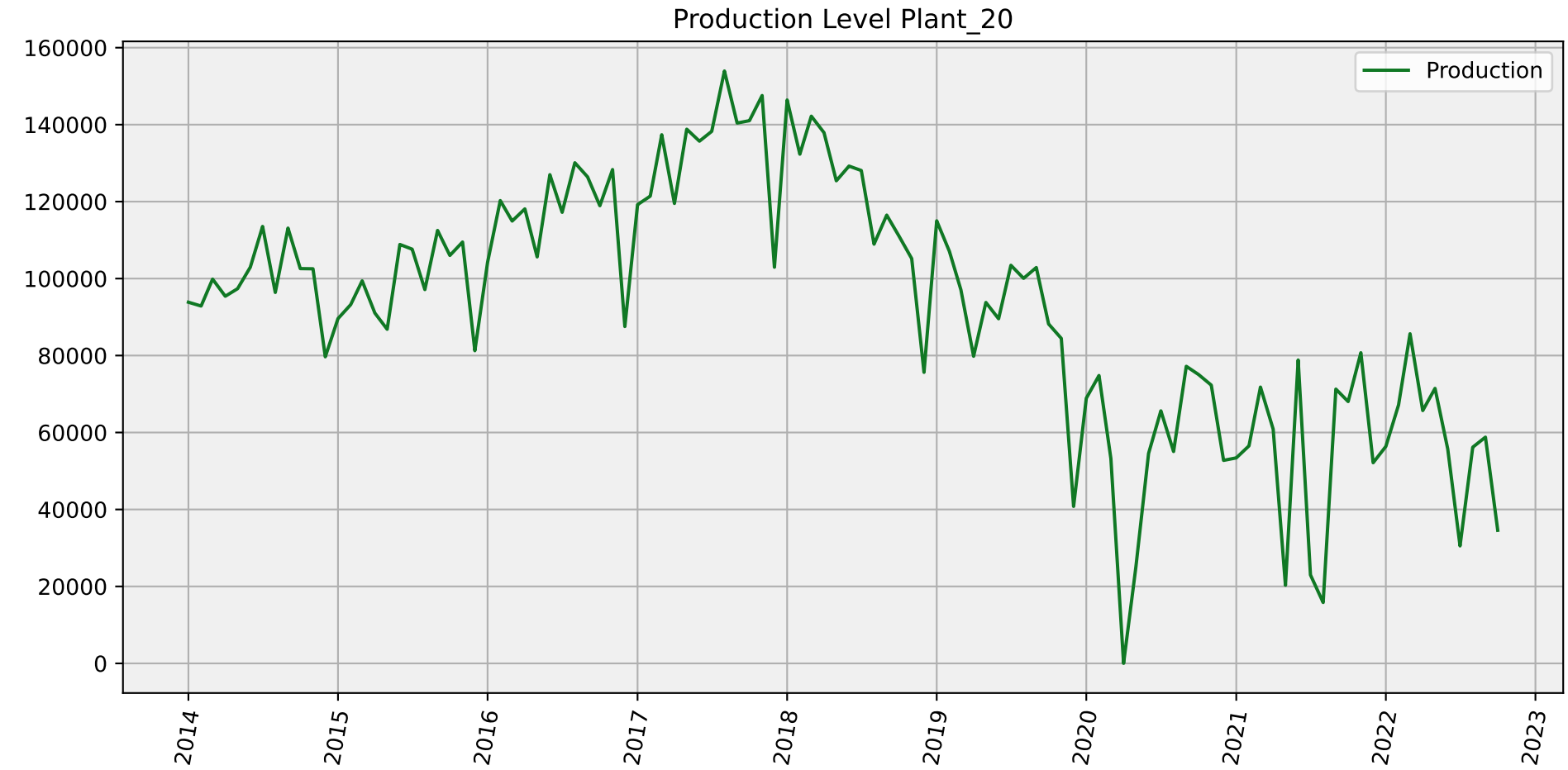
Production Level Plant_19

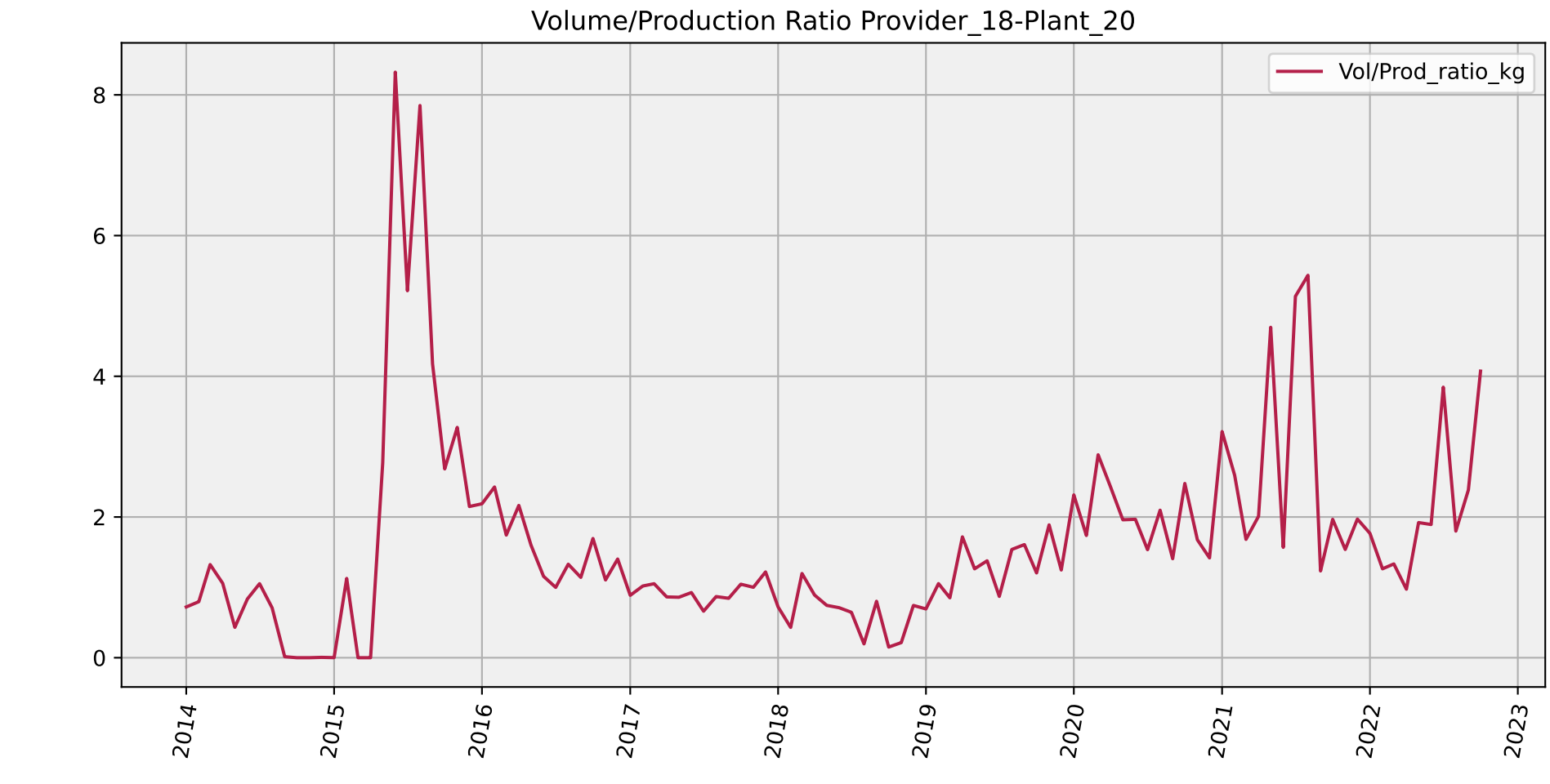


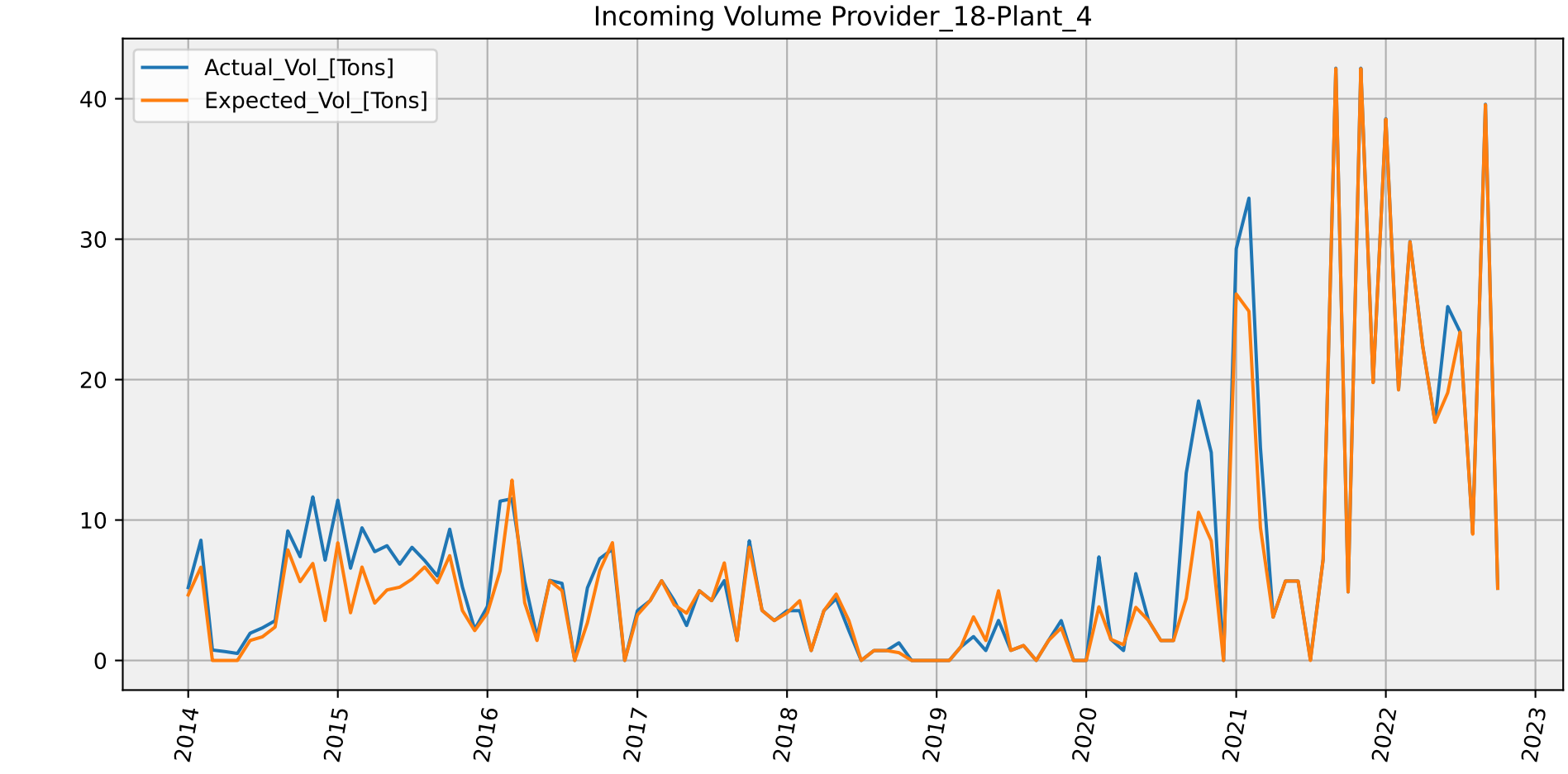
Volume/Production Ratio Provider_18-Plant_19

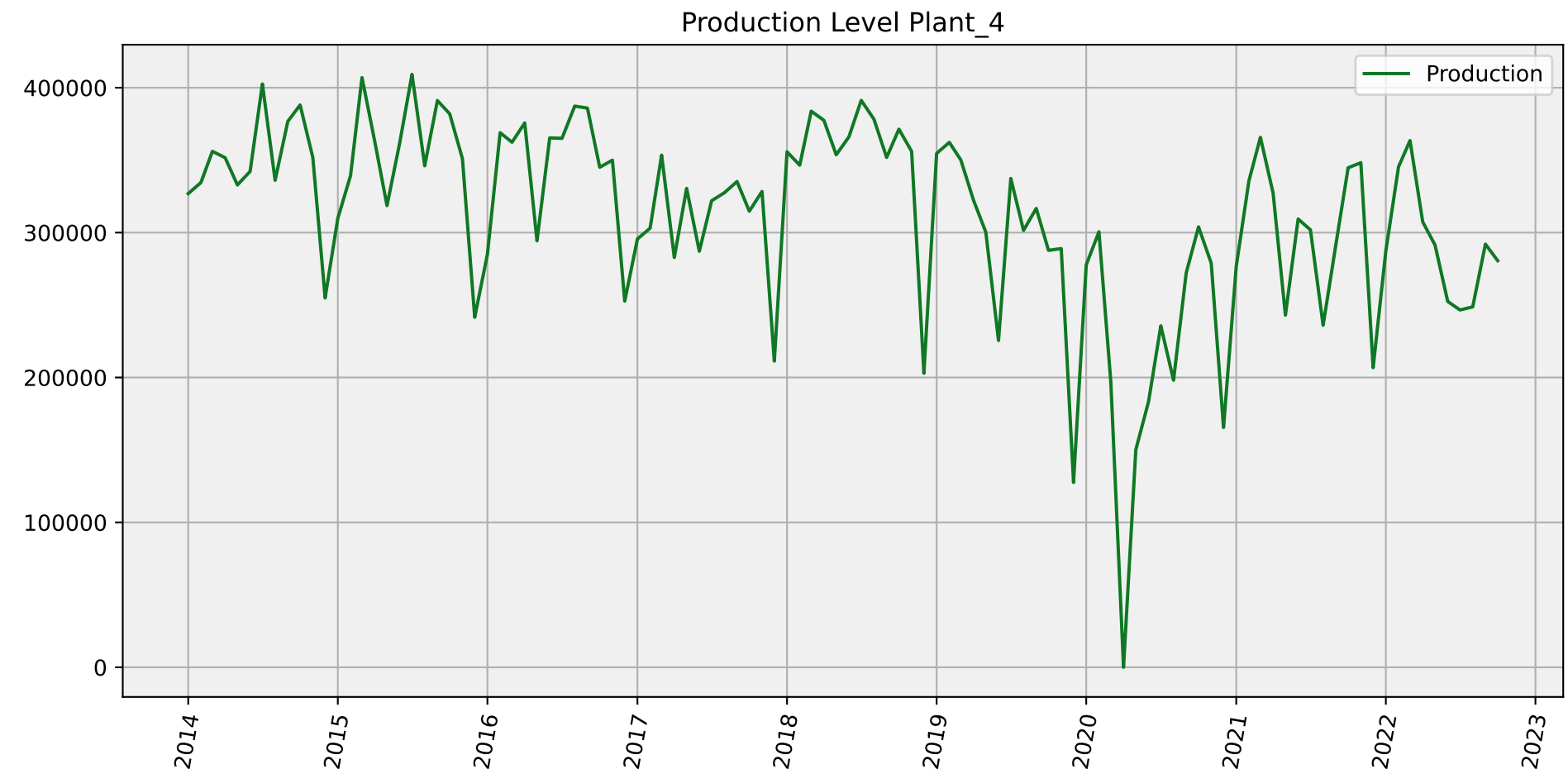


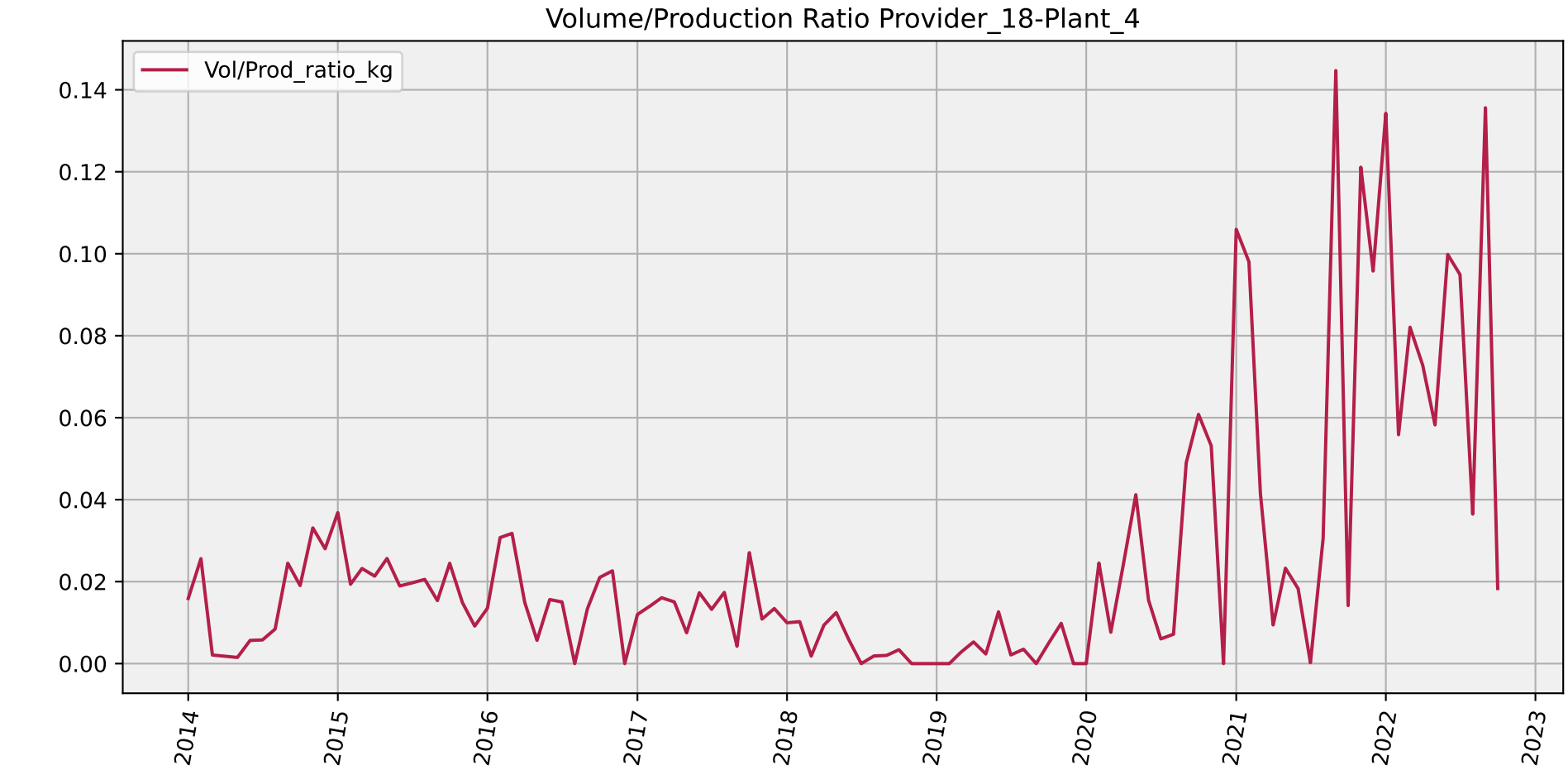

Incoming Volume Provider_18-Plant_20
Actual_Vol_[Tons]
Expected_Vol_[Tons]
800
600
400
200
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

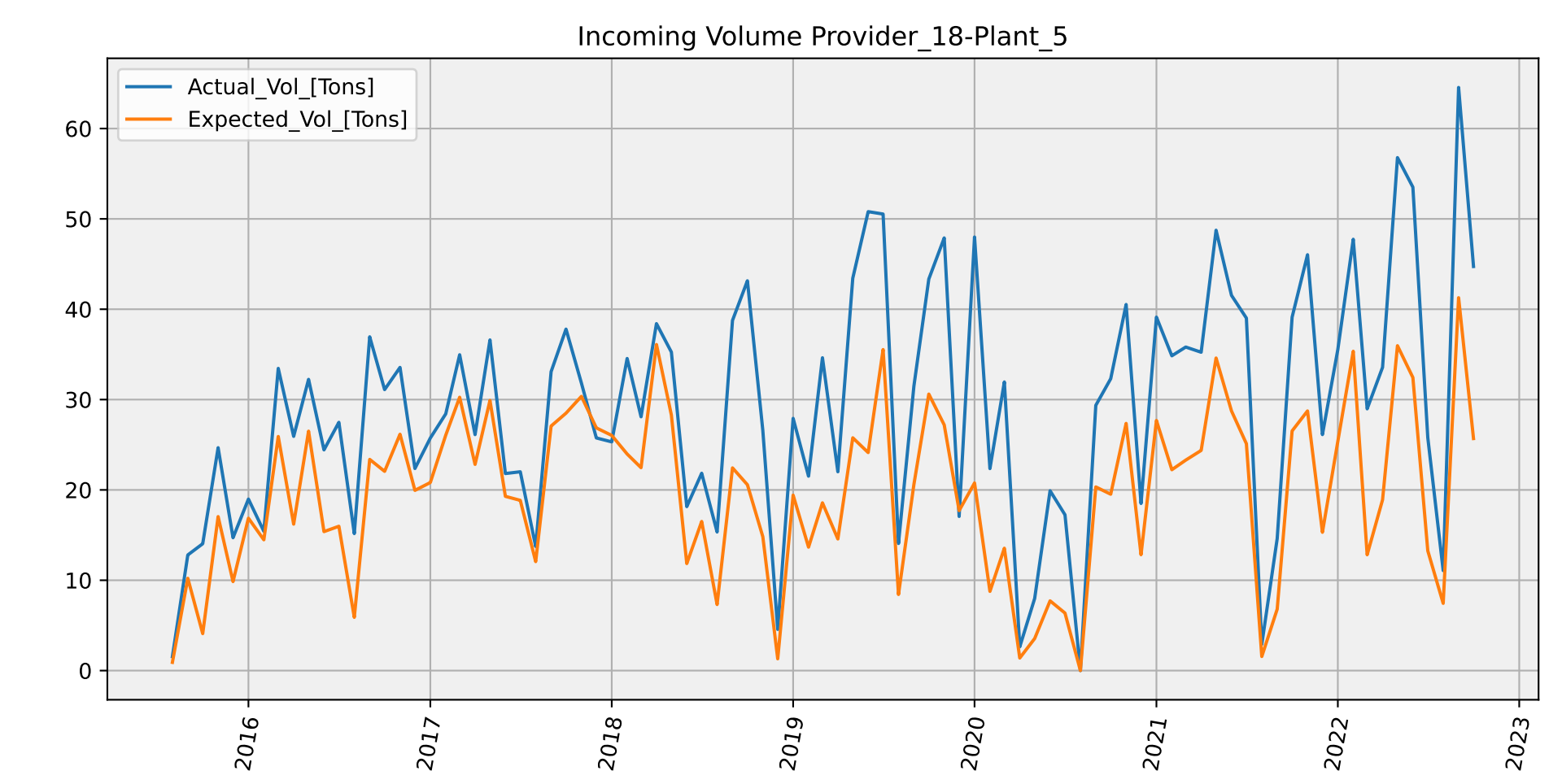

Production Level Plant_20
Production
160000
140000
120000
100000
80000
60000
40000
20000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

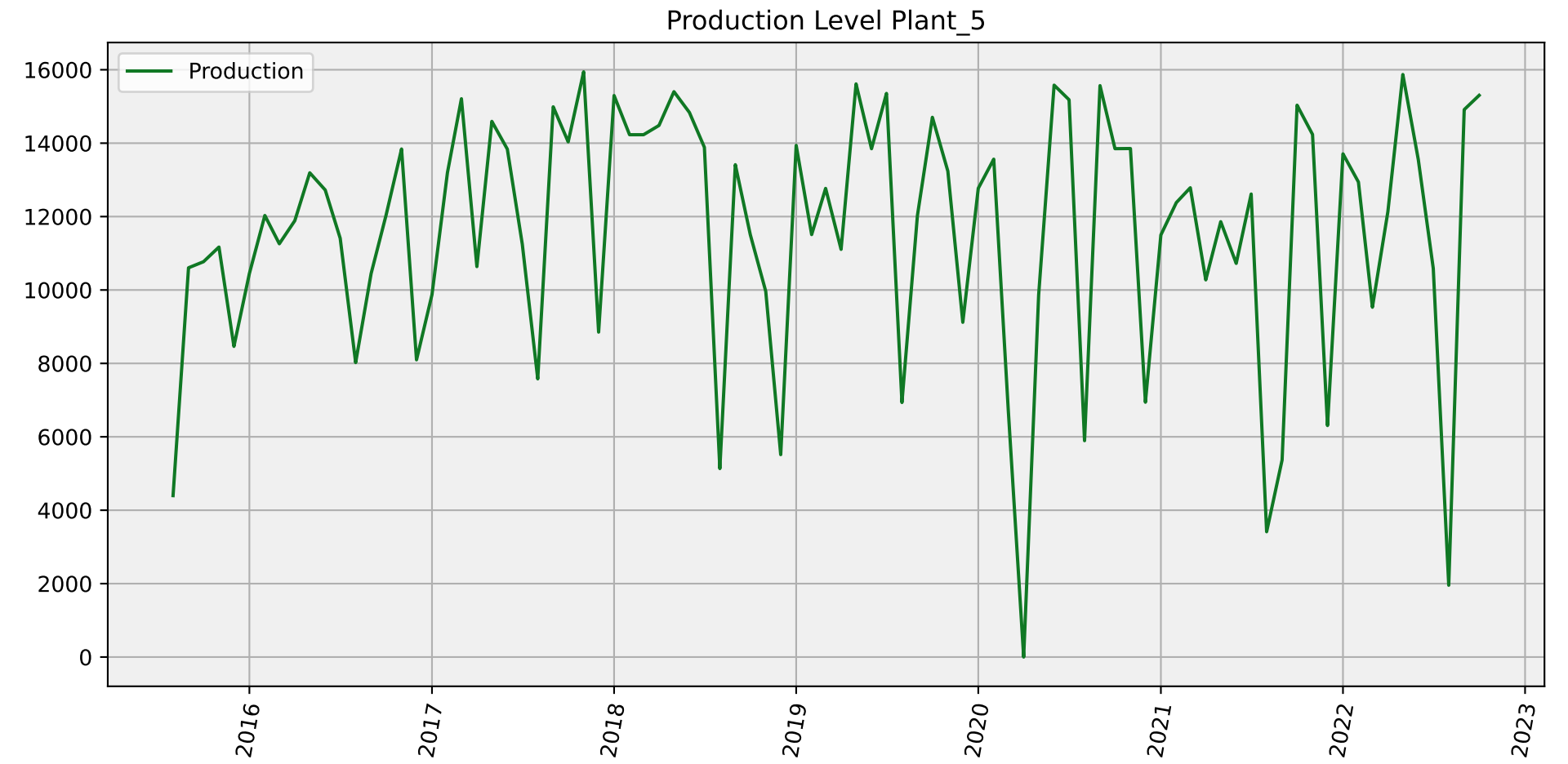

Volume/Production Ratio Provider_18-Plant_20
Vol/Prod_ratio_kg
8
6
4
2
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

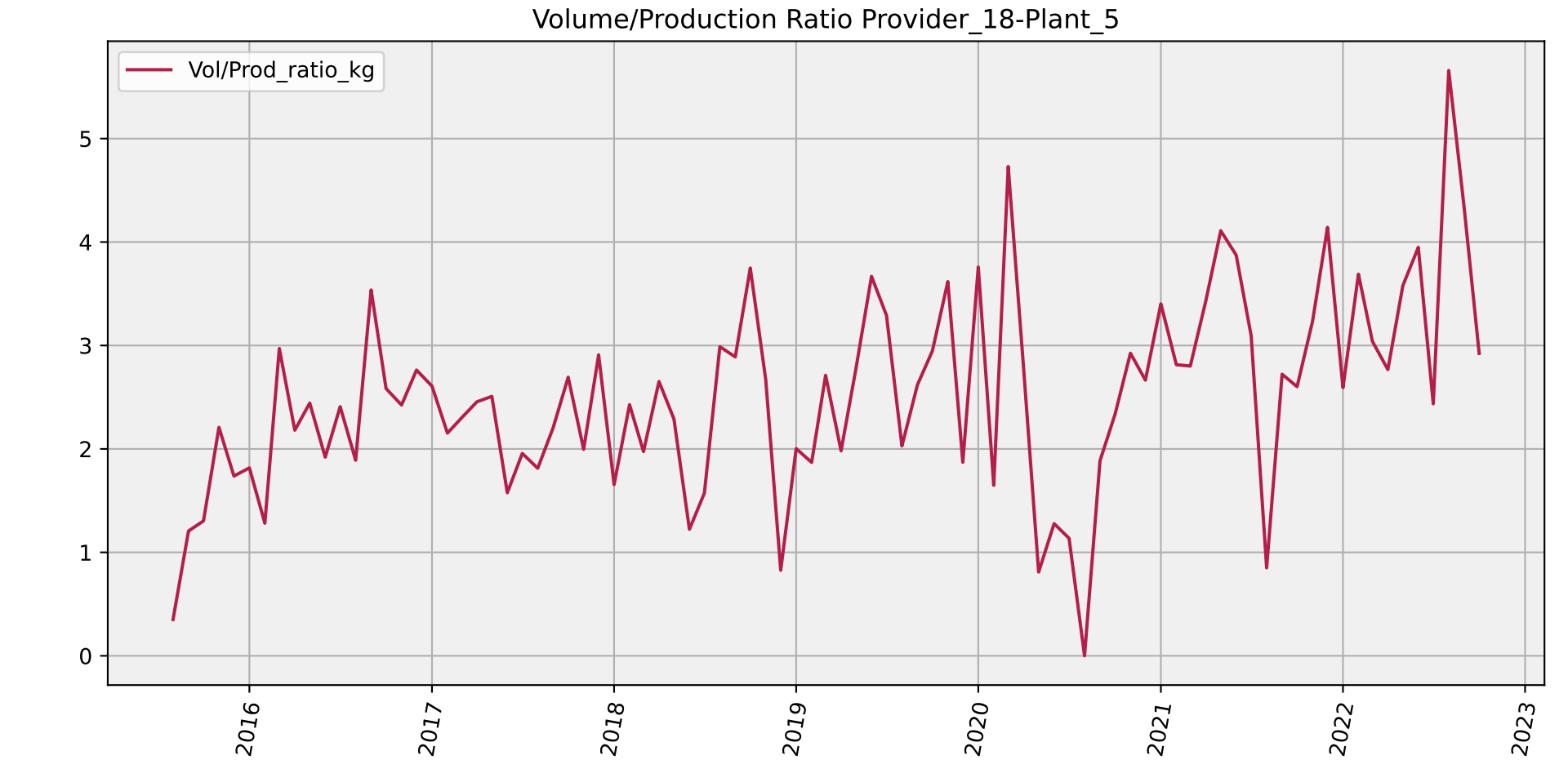

Incoming Volume Provider_18-Plant_4
Actual_Vol_[Tons]
Expected_Vol_[Tons]
40
30
20
10
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

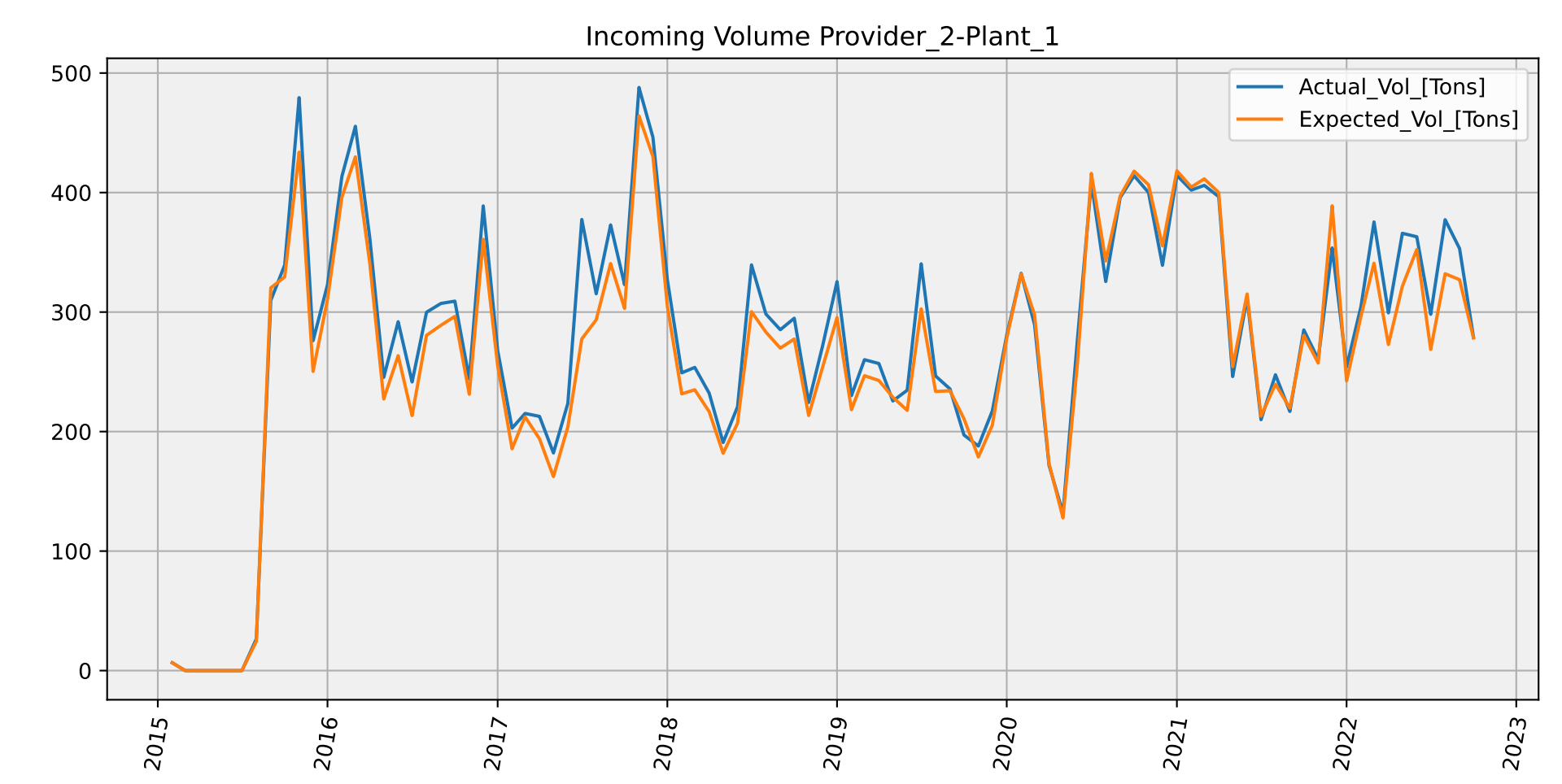

Production Level Plant_4
Production
400000
300000
200000
100000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

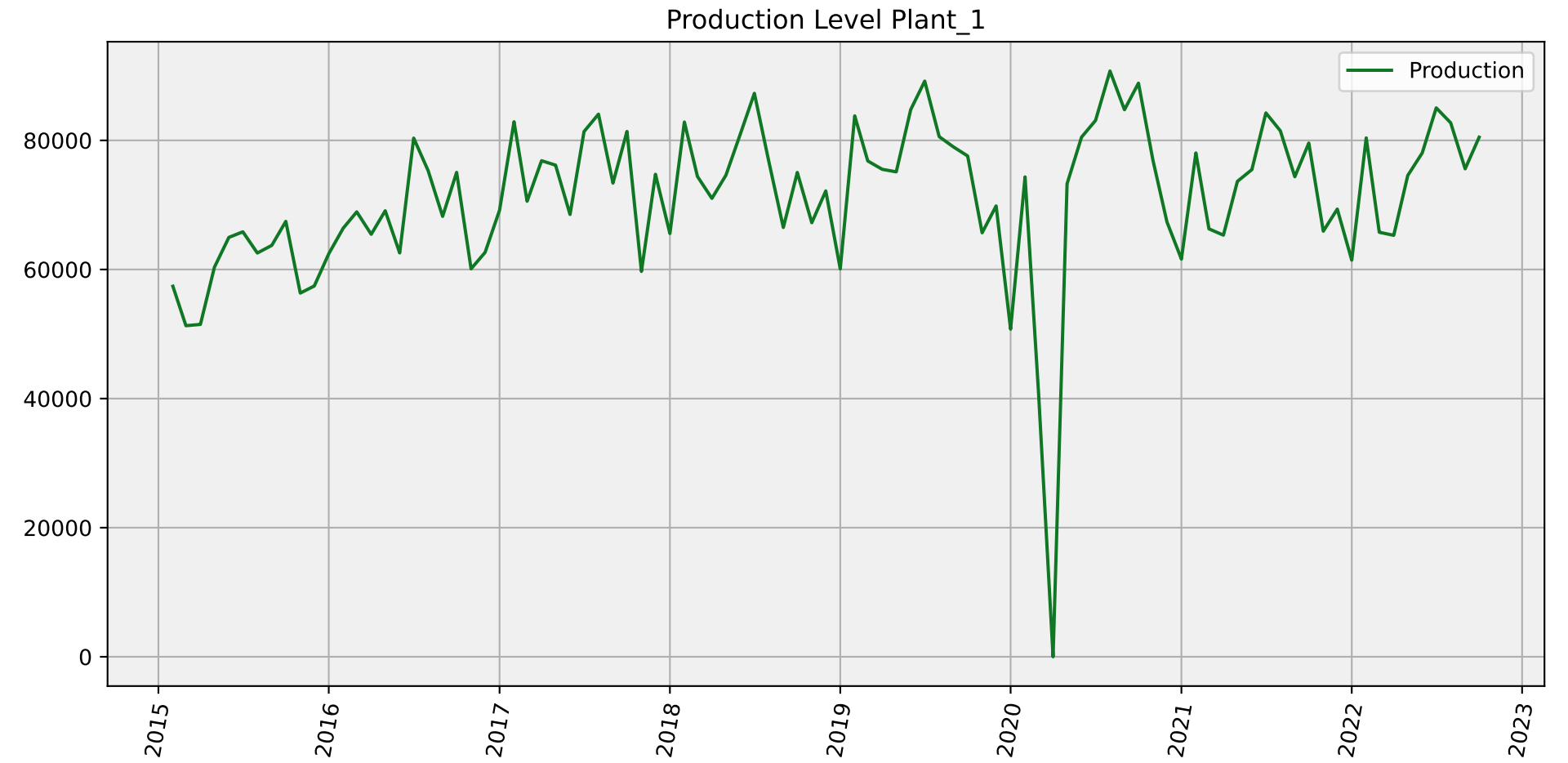

Volume/Production Ratio Provider_18-Plant_4
Vol/Prod_ratio_kg
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

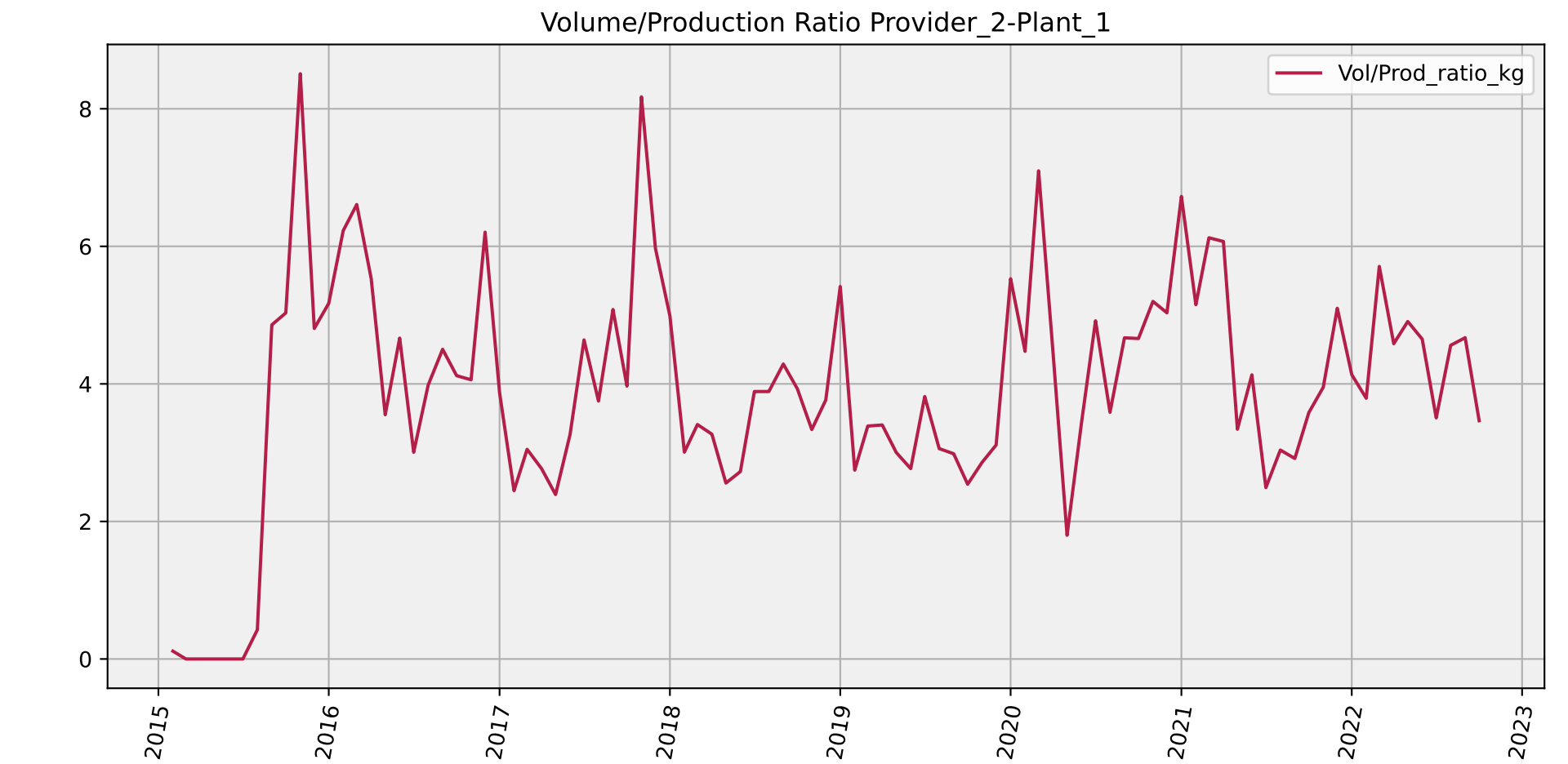

Incoming Volume Provider_18-Plant_5
Actual_Vol_[Tons]
Expected_Vol_[Tons]
0
10
20
30
40
50
60
2016
2017
2018
2019
2020
2021
2022
2023

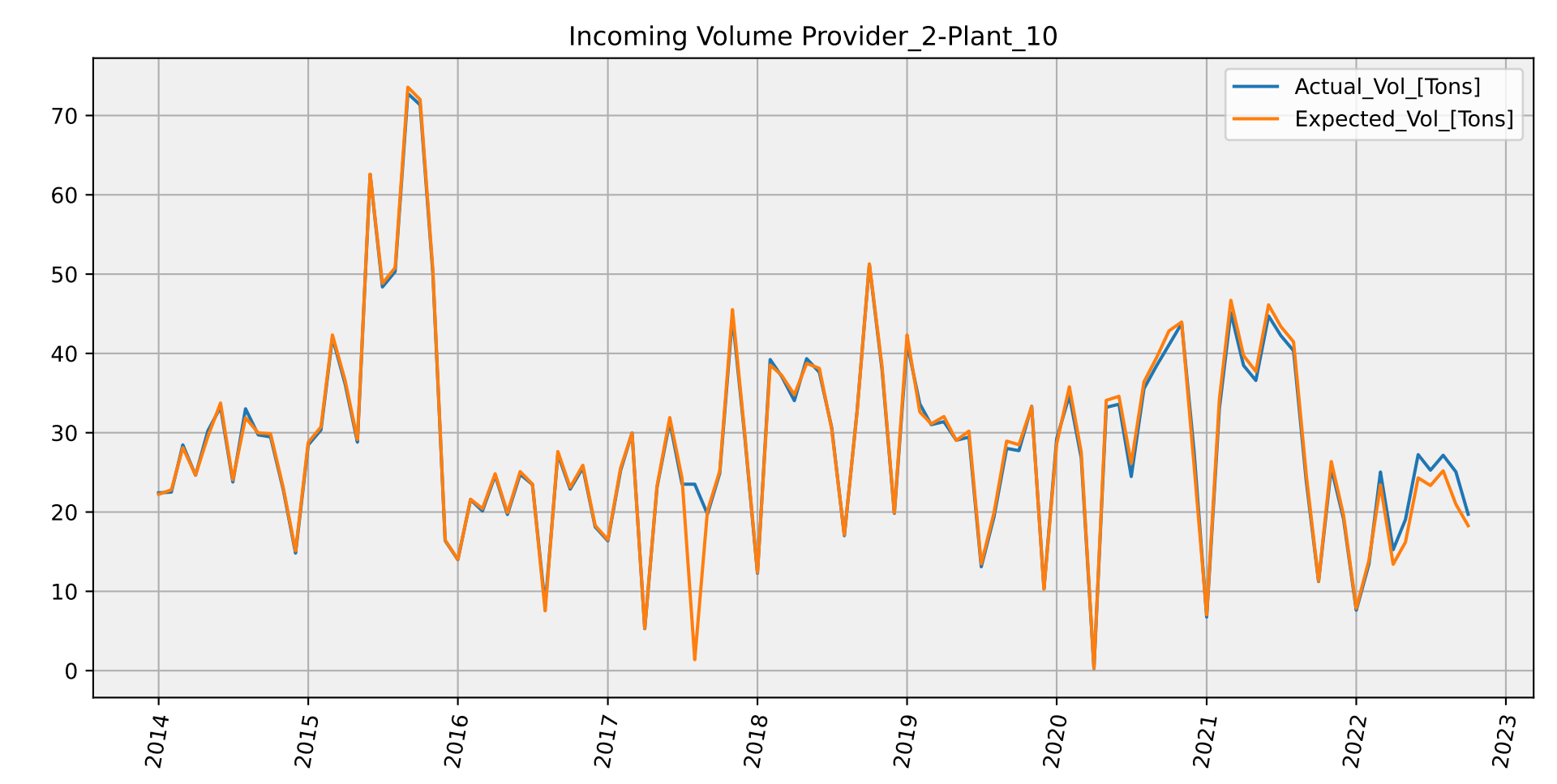

Production Level Plant_5
Production
0
2000
4000
6000
8000
10000
12000
14000
16000
2016
2017
2018
2019
2020
2021
2022
2023

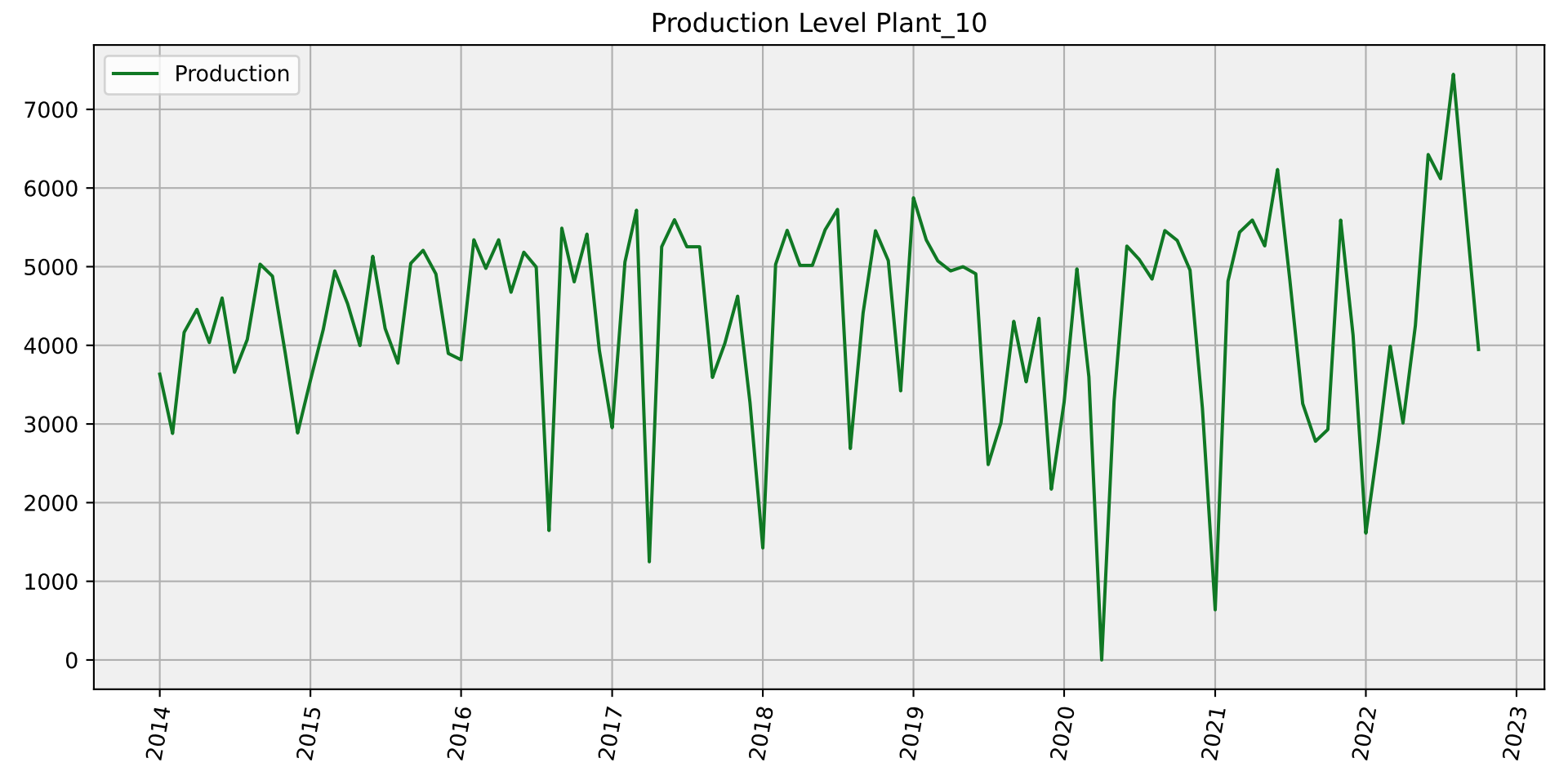

Volume/Production Ratio Provider_18-Plant_5
Vol/Prod_ratio_kg
0
1
2
3
4
5
2016
2017
2018
2019
2020
2021
2022
2023

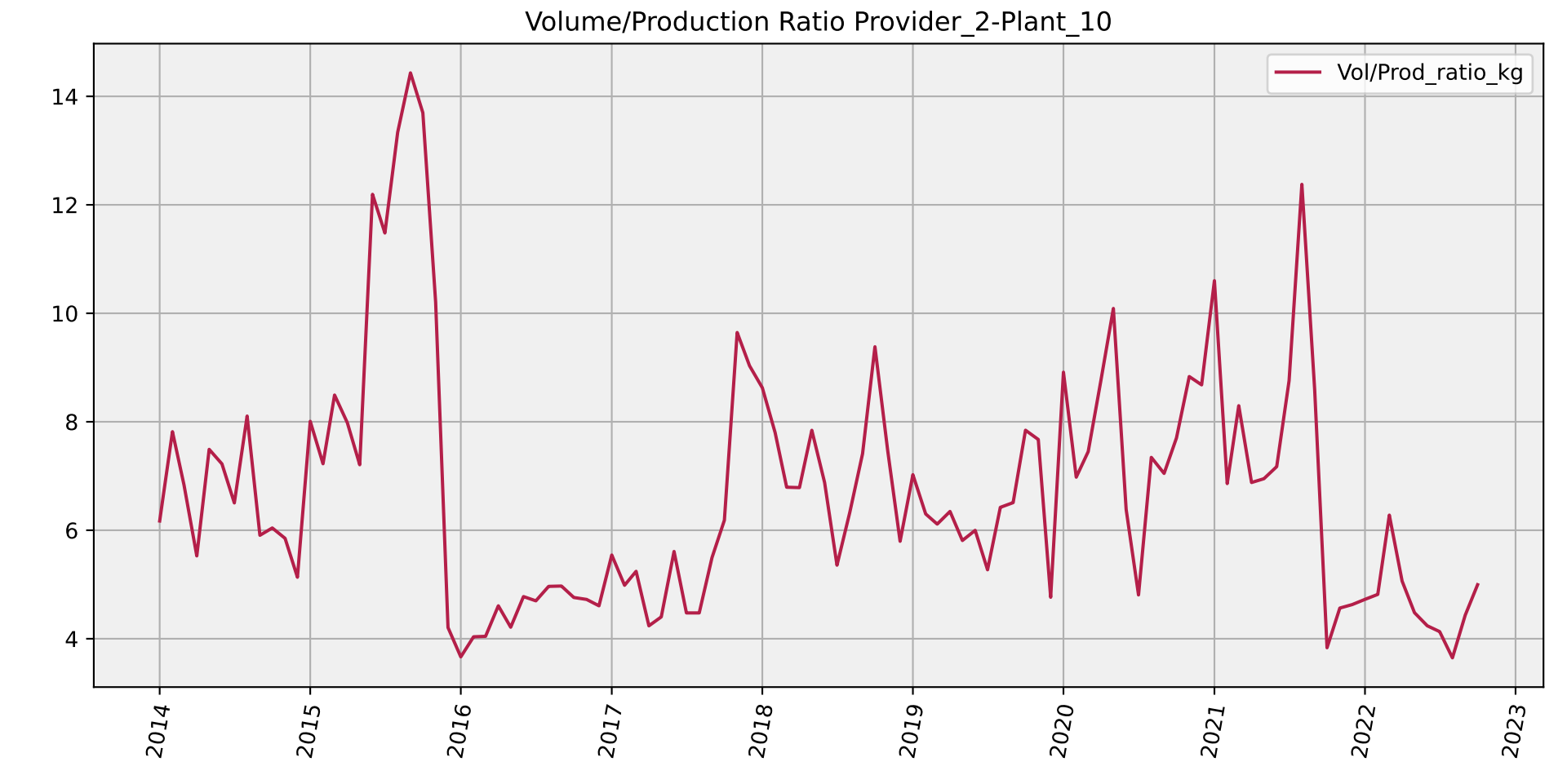

Incoming Volume Provider_2-Plant_1
Actual_Vol_[Tons]
Expected_Vol_[Tons]
500
400
300
200
100
0
2015
2016
2017
2018
2019
2020
2021
2022
2023


Production Level Plant_1
Production
80000
60000
40000
20000
0
2015
2016
2017
2018
2019
2020
2021
2022
2023

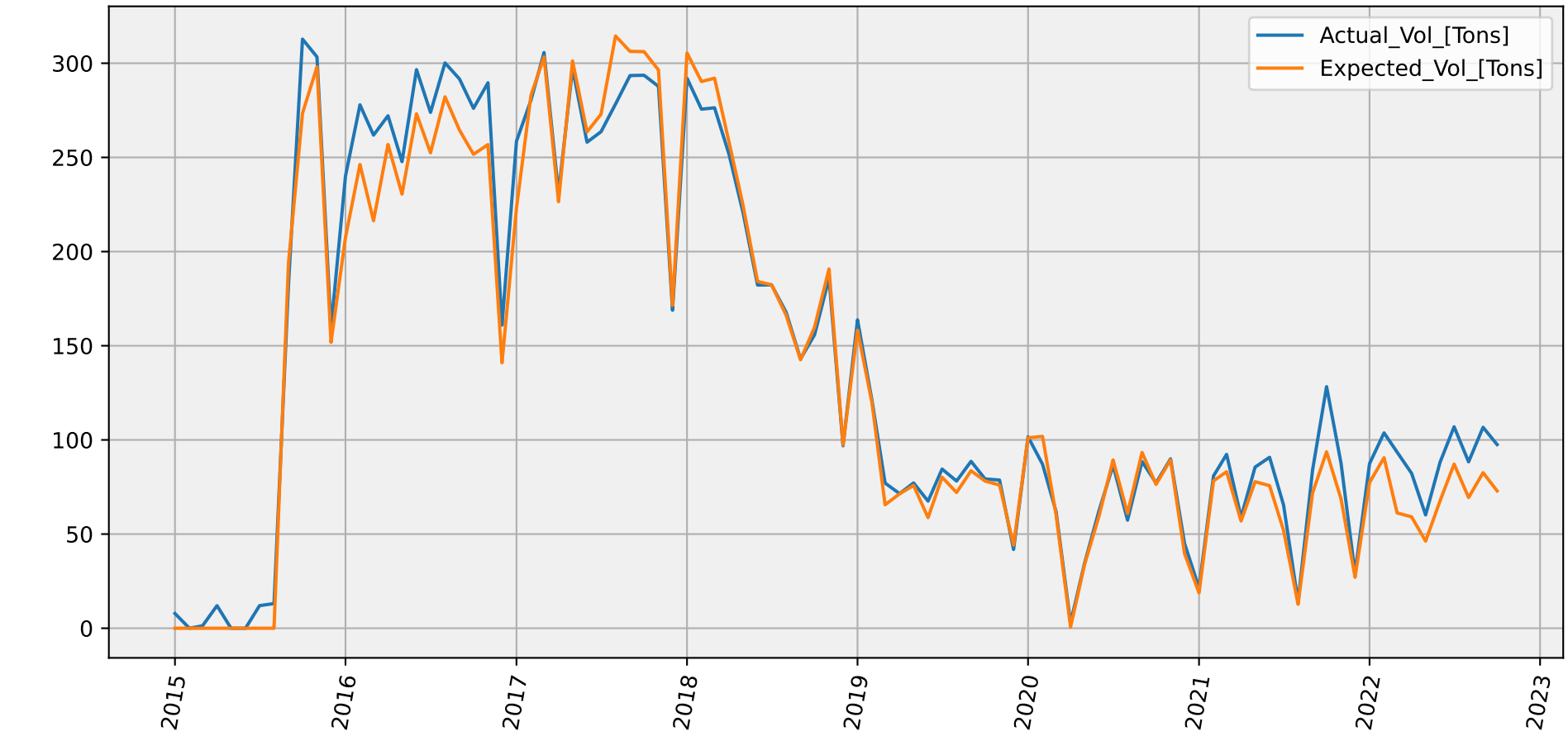

Volume/Production Ratio Provider_2-Plant_1
Vol/Prod_ratio_kg
8
6
4
2
0
2015
2016
2017
2018
2019
2020
2021
2022
2023


Incoming Volume Provider_2-Plant_10
Actual_Vol_[Tons]
Expected_Vol_[Tons]
0
10
20
30
40
50
60
70
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

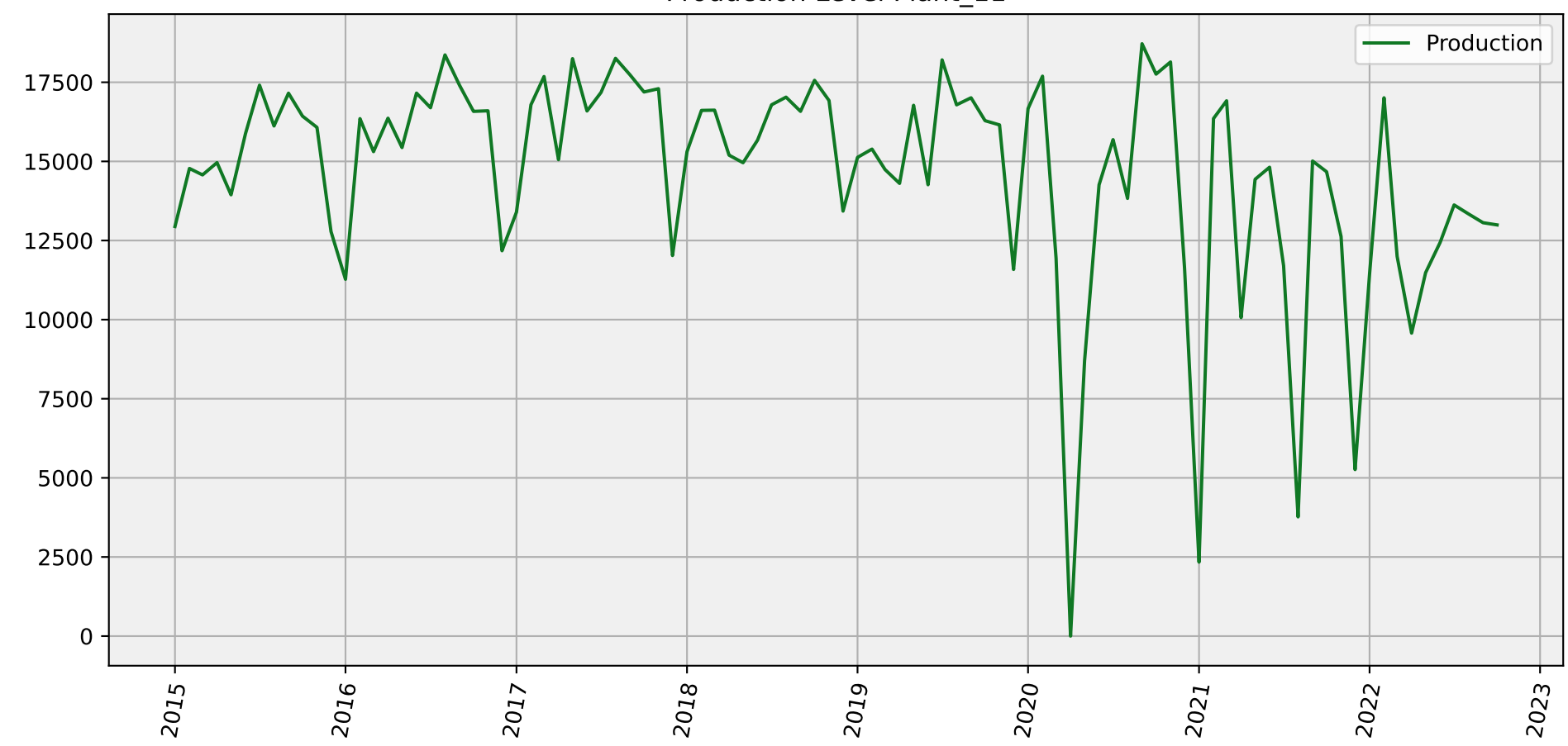

Production Level Plant_10
Production
0
1000
2000
3000
4000
5000
6000
7000
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_2-Plant_10
Vol/Prod_ratio_kg
4
6
8
10
12
14
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

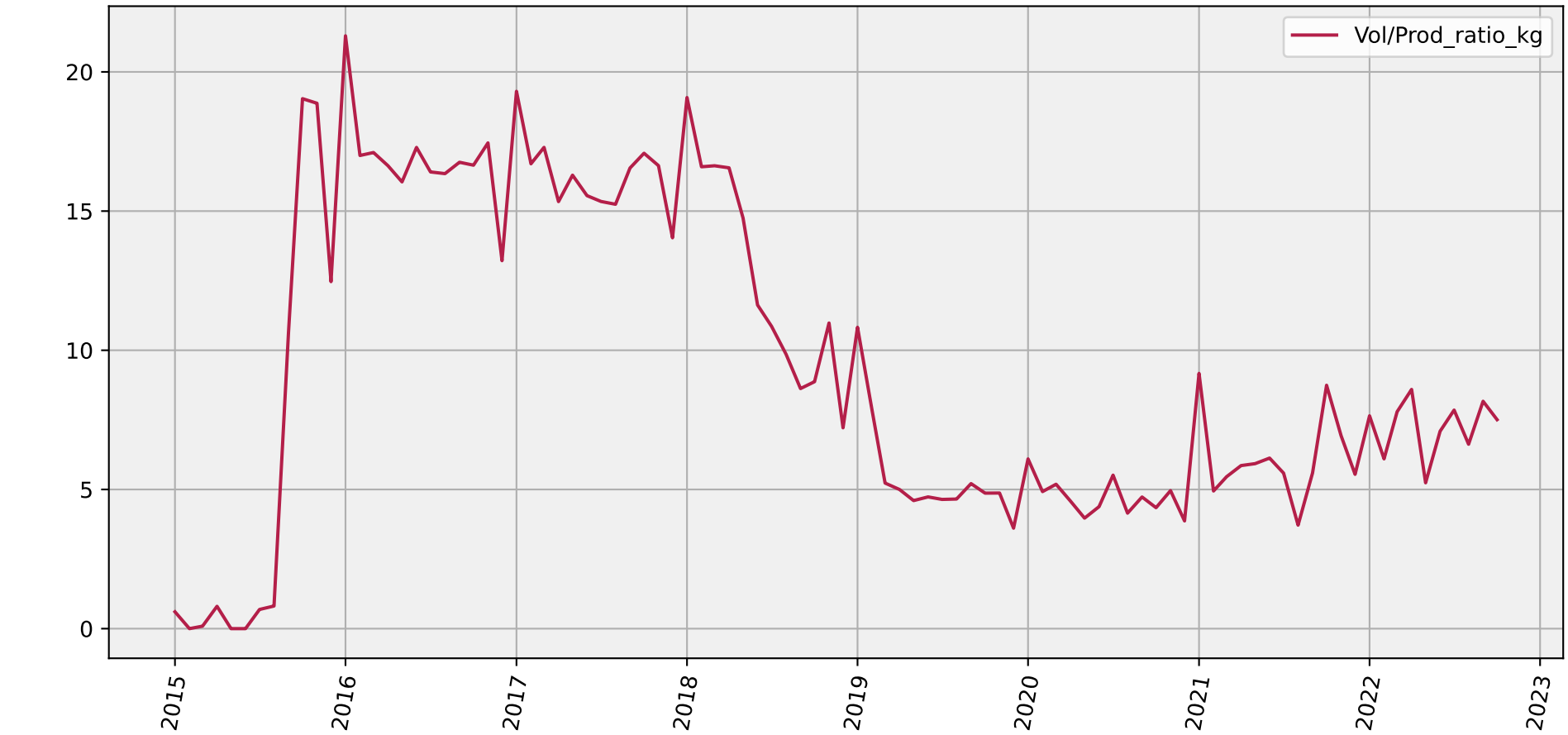
Incoming Volume Provider_2-Plant_11

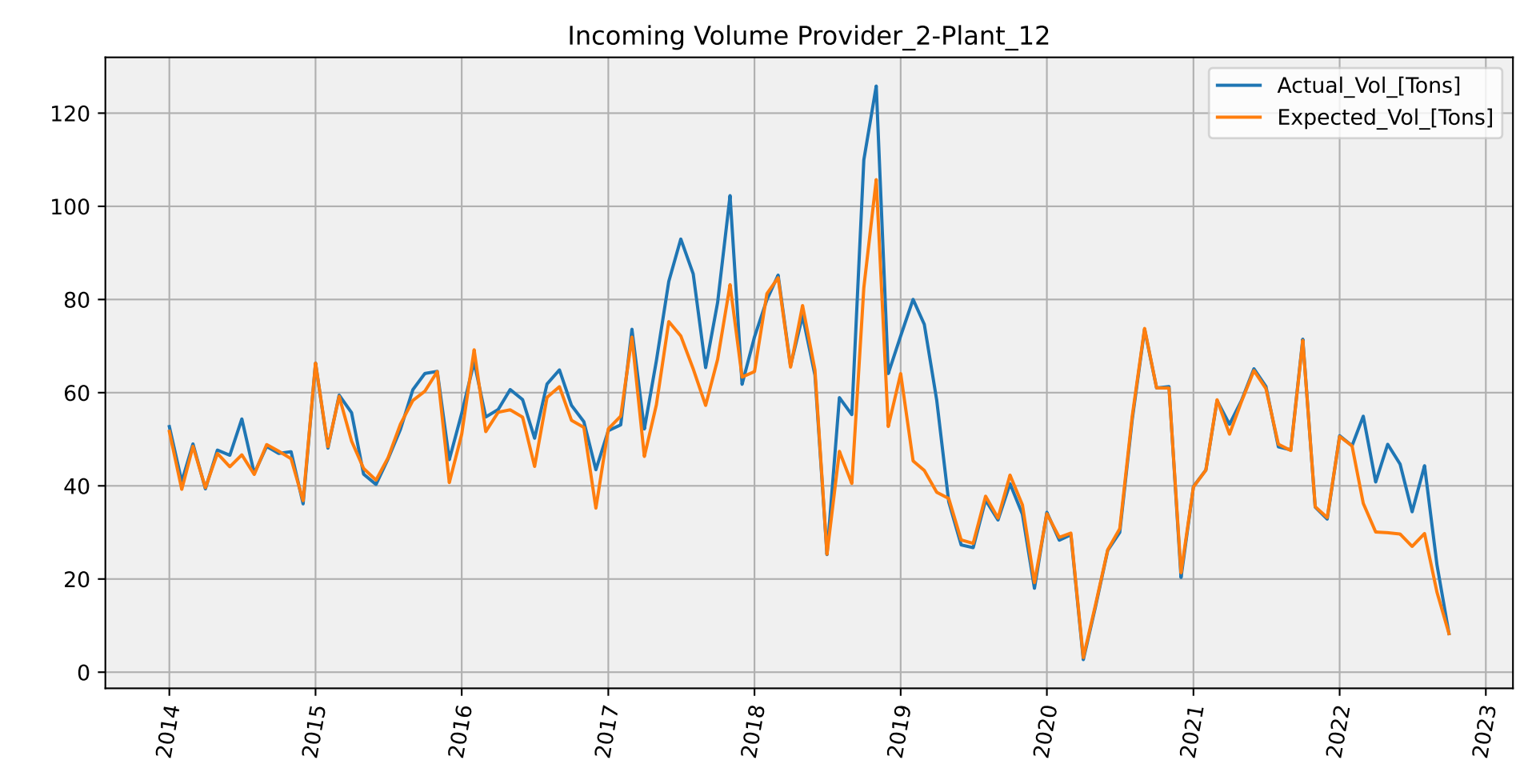


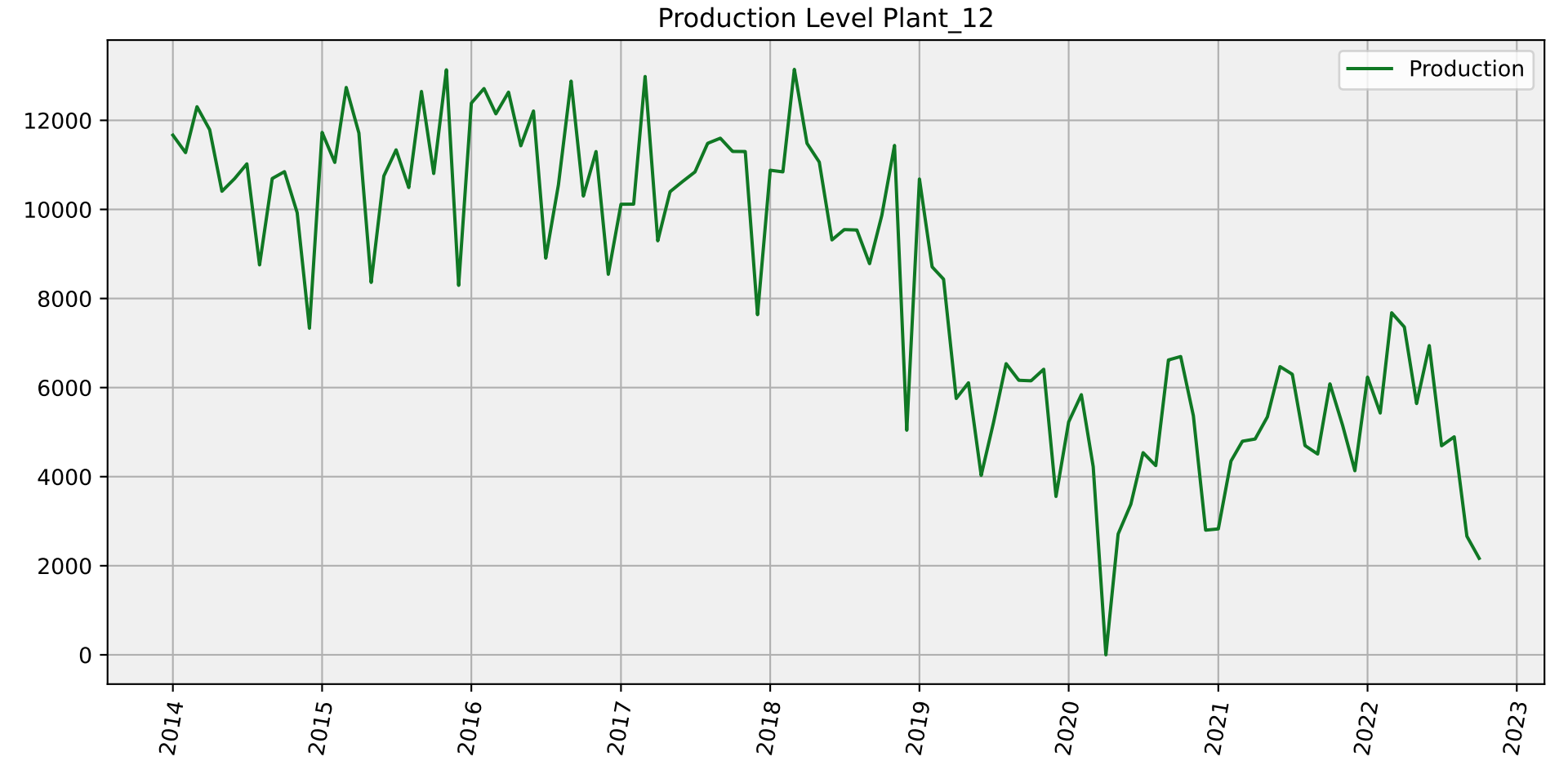
Production Level Plant_11

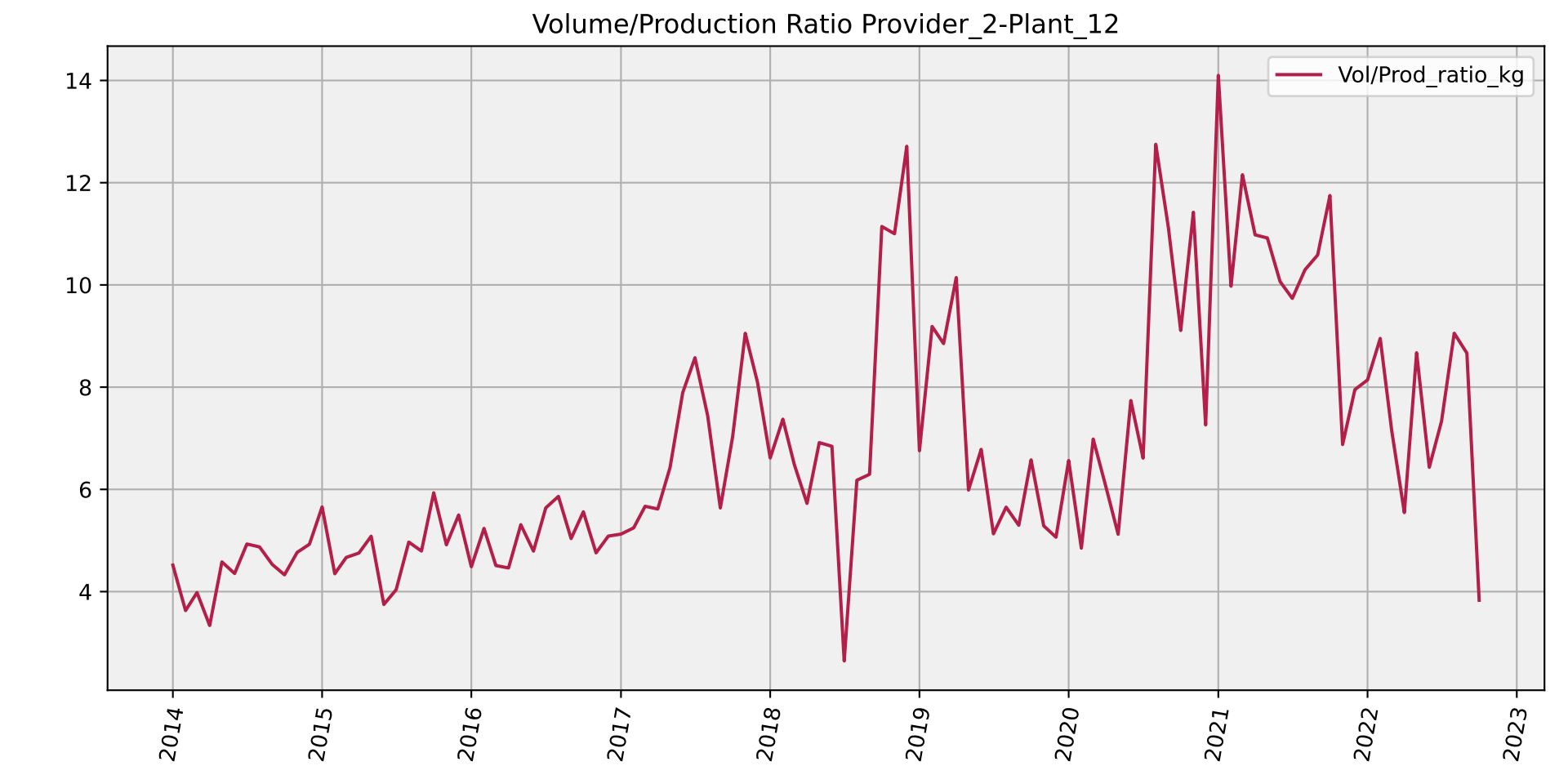


Volume/Production Ratio Provider_2-Plant_11

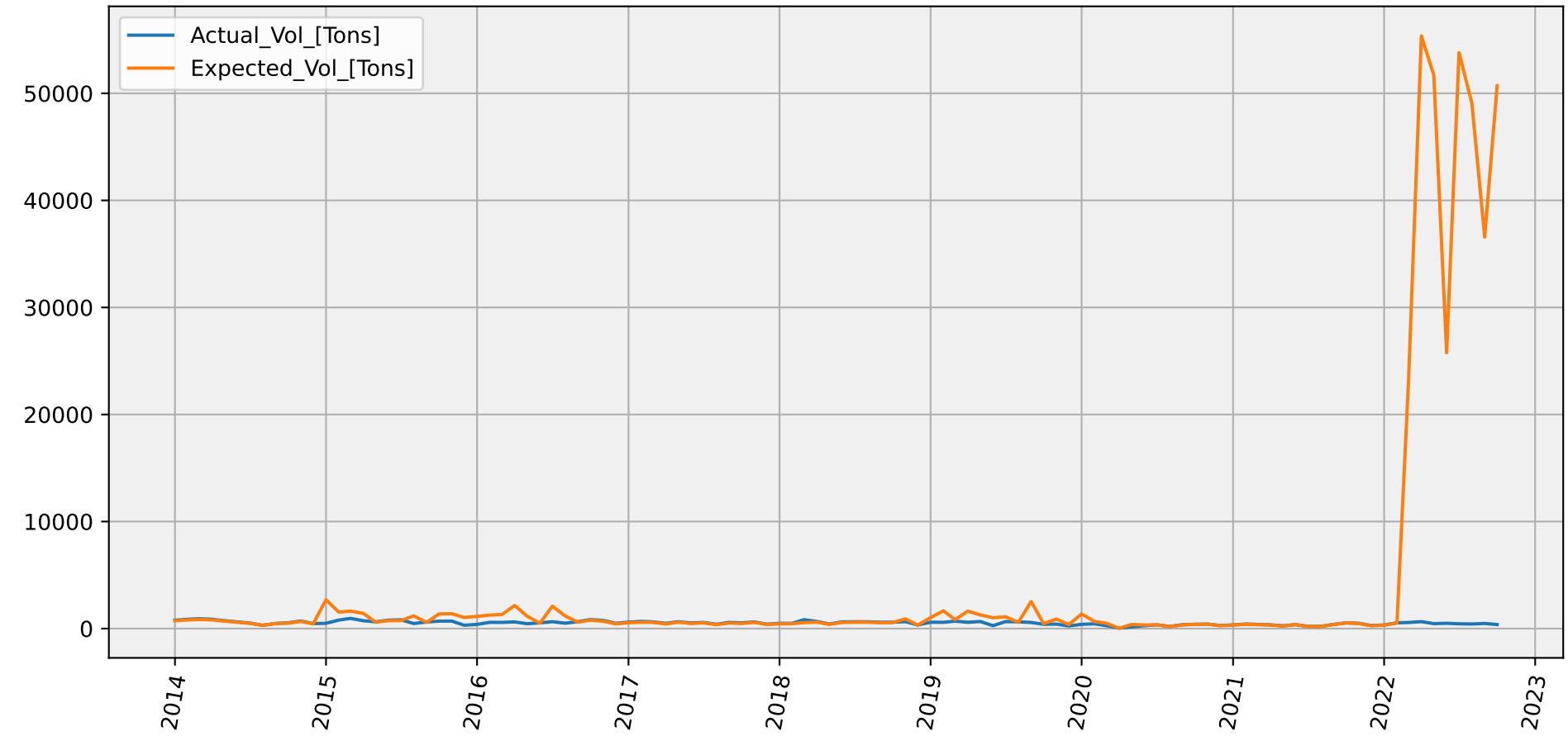



Incoming Volume Provider_2-Plant_12
Actual_Vol_[Tons]
Expected_Vol_[Tons]
120
100
80
60
40
20
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

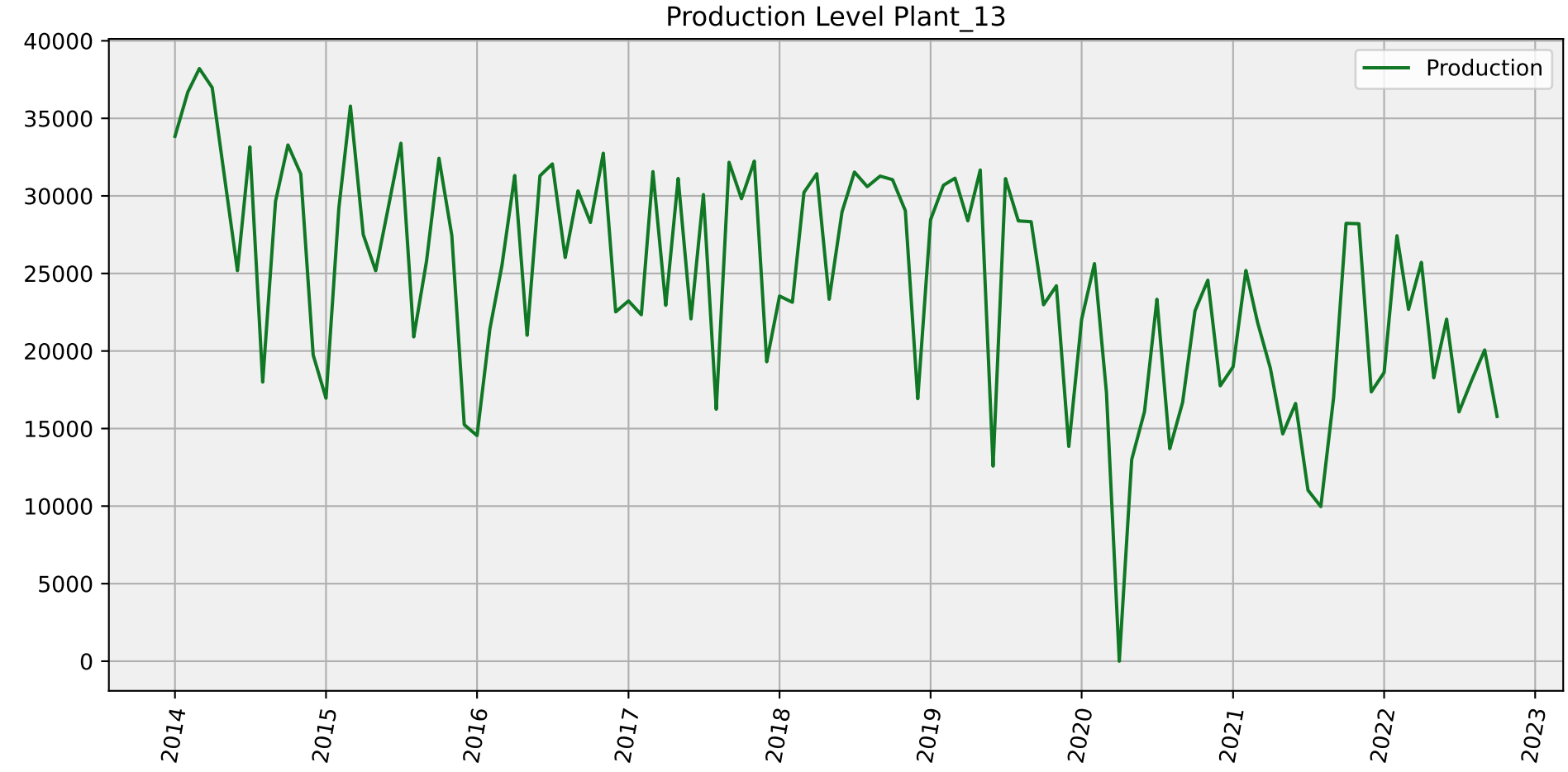

Production Level Plant_12
Production
12000
10000
8000
6000
4000
2000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_2-Plant_12
Vol/Prod_ratio_kg
14
12
10
8
6
4
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

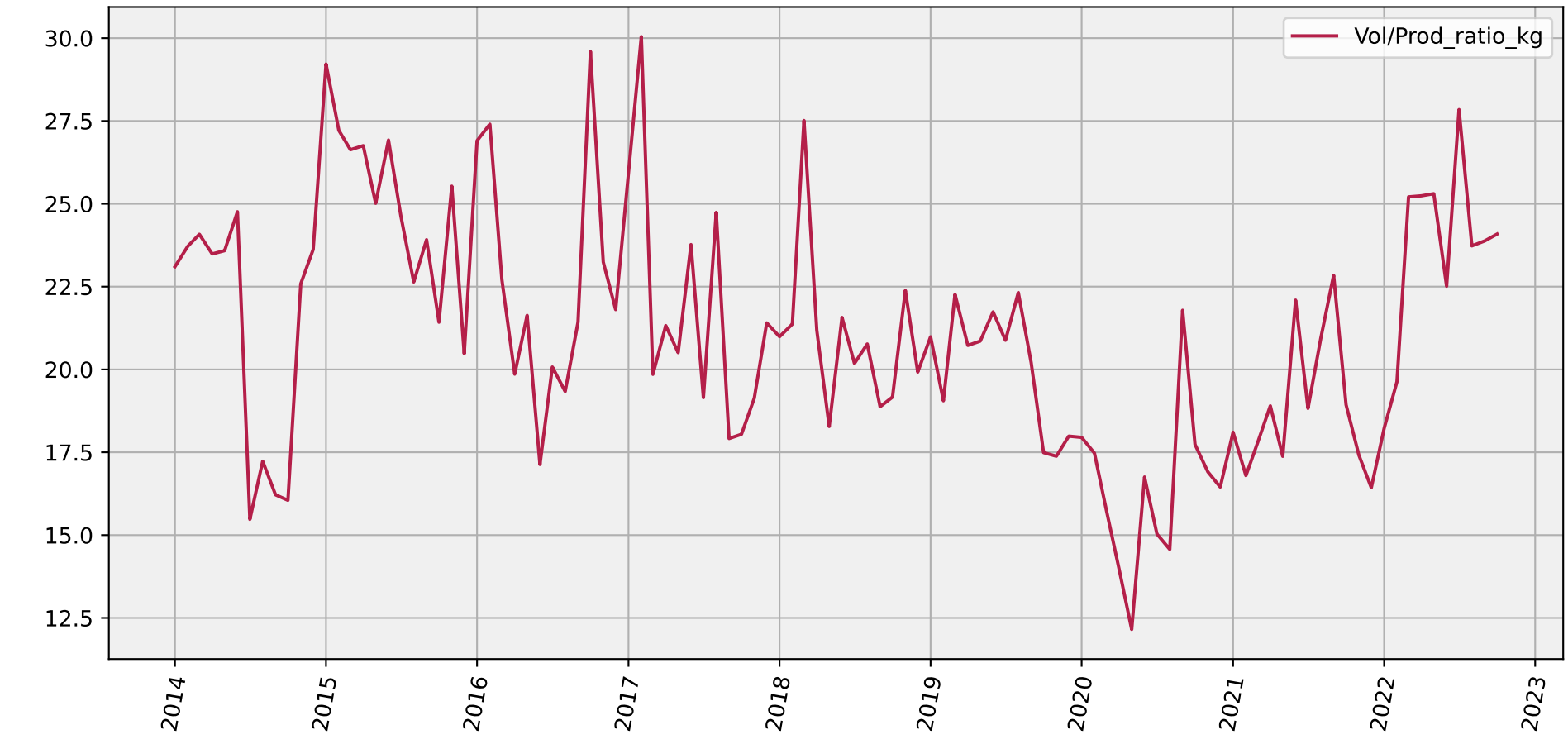
Incoming Volume Provider_2-Plant_13



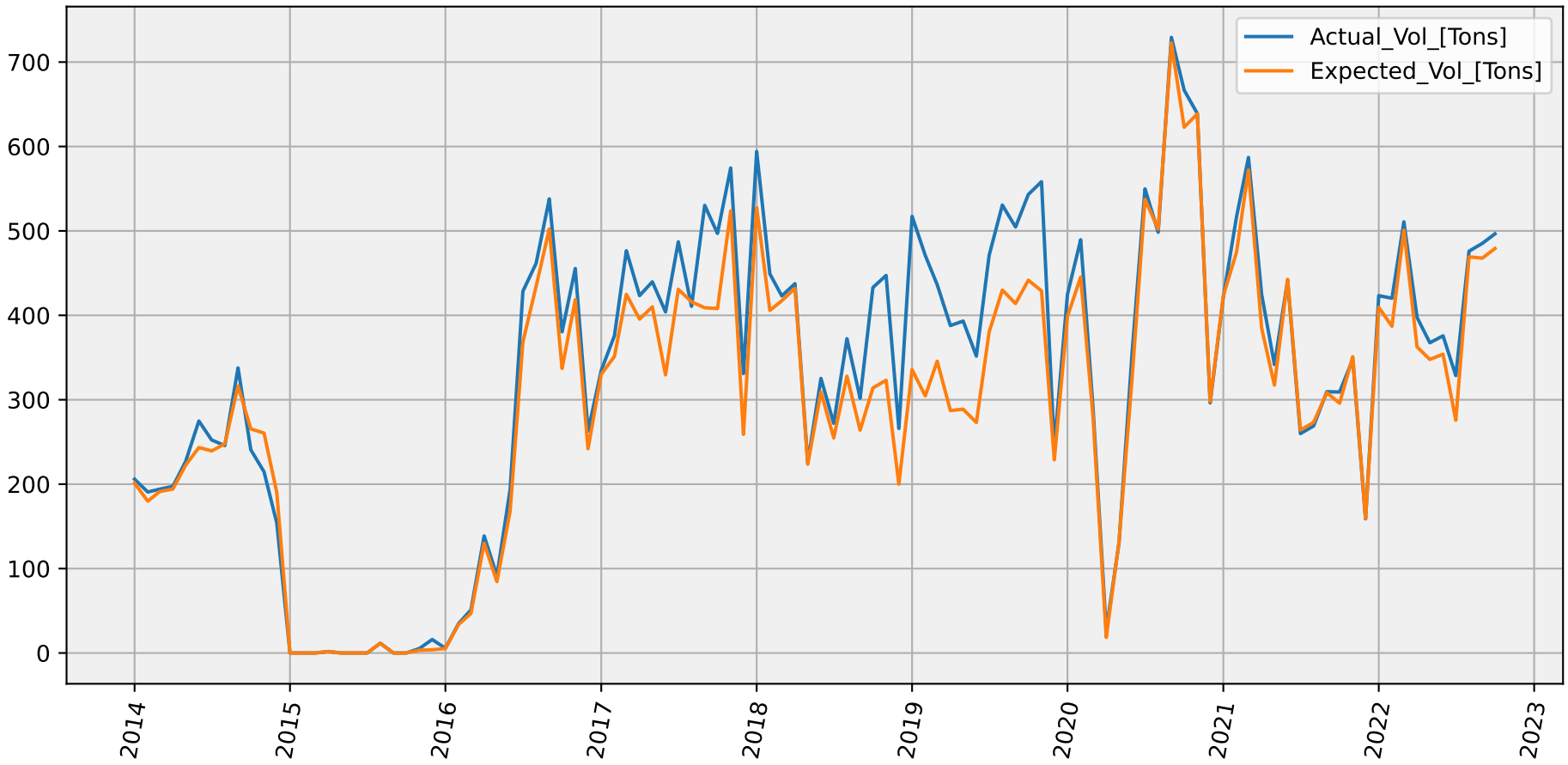
Production Level Plant_13



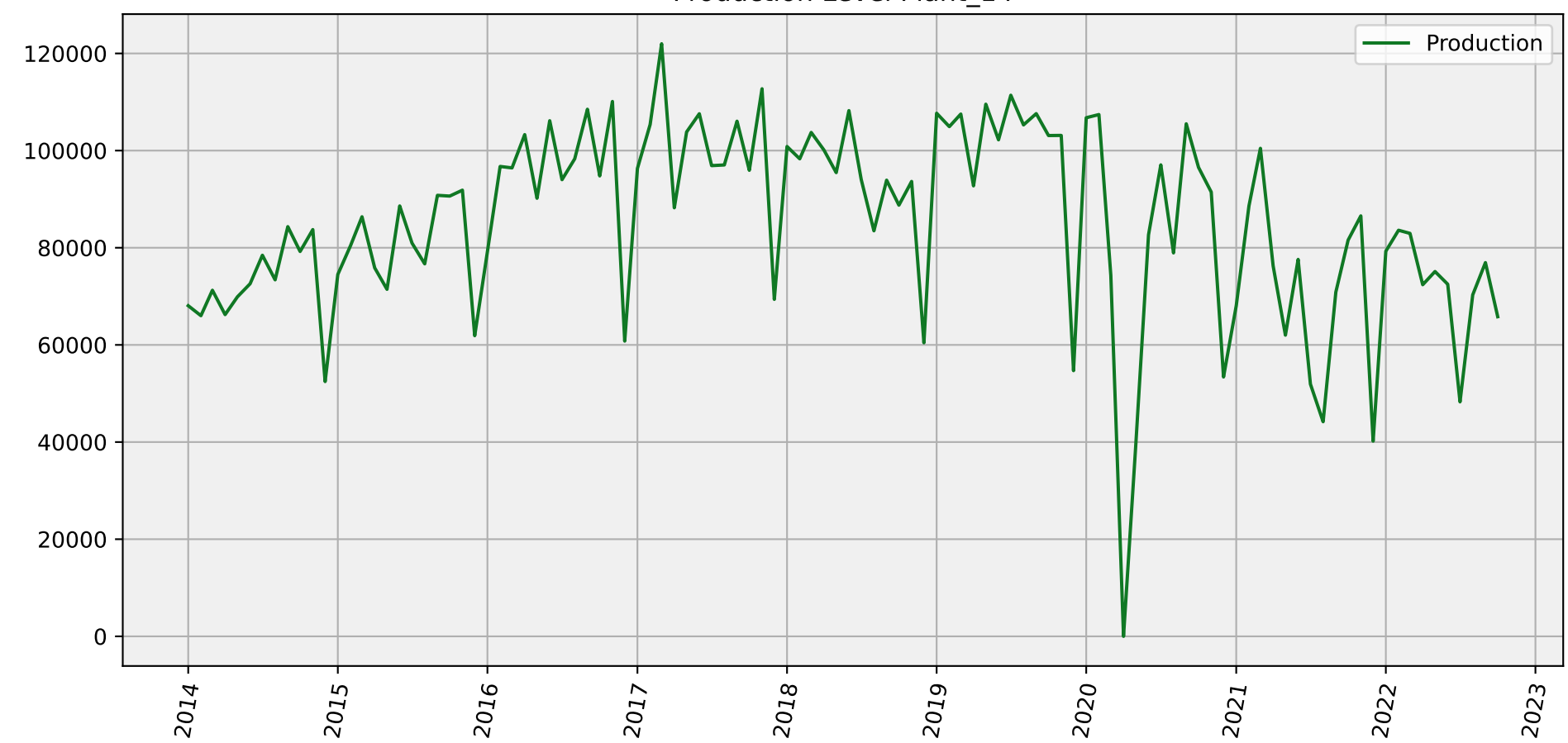
Volume/Production Ratio Provider_2-Plant_13



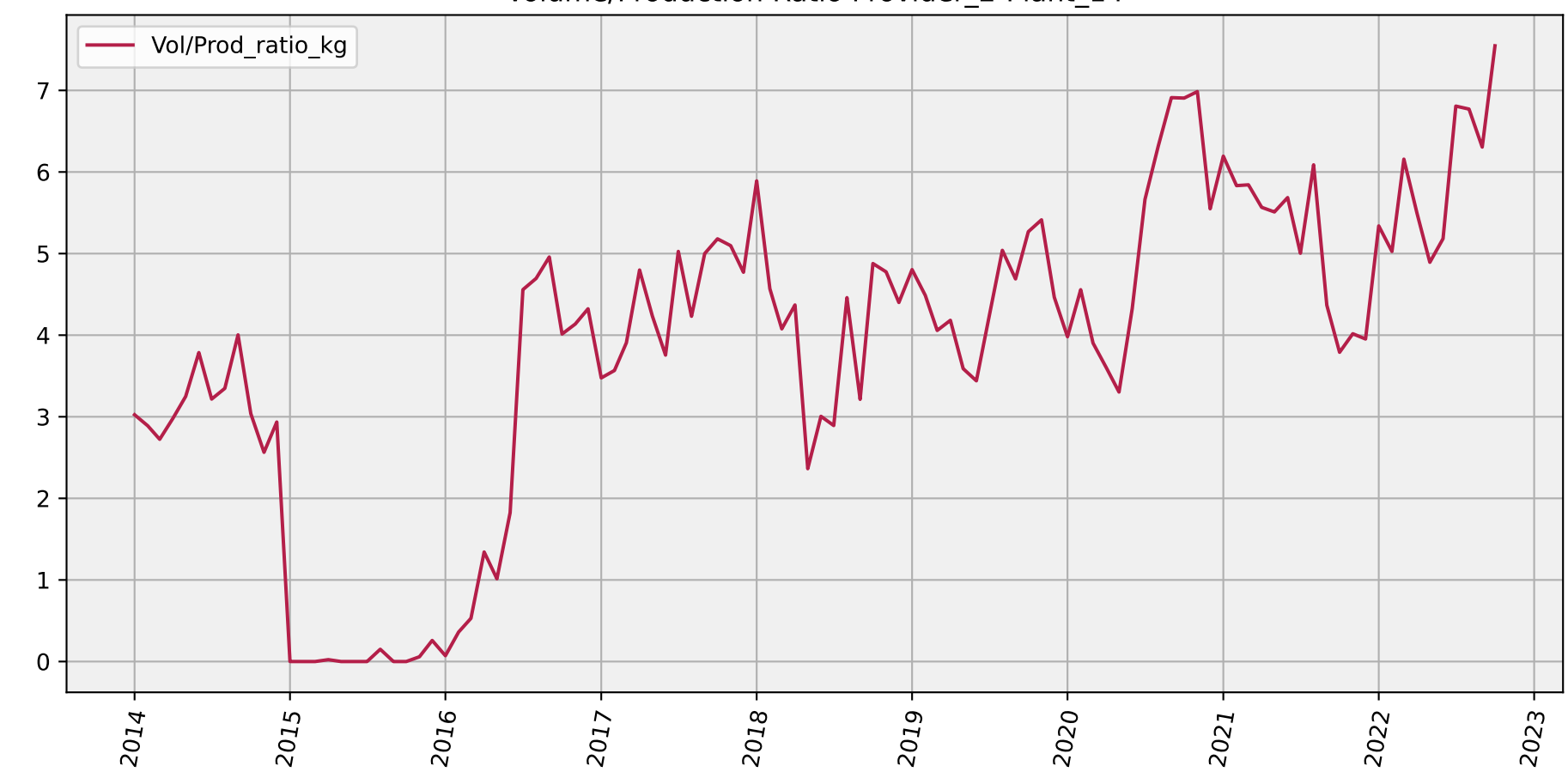
Incoming Volume Provider_2-Plant_14

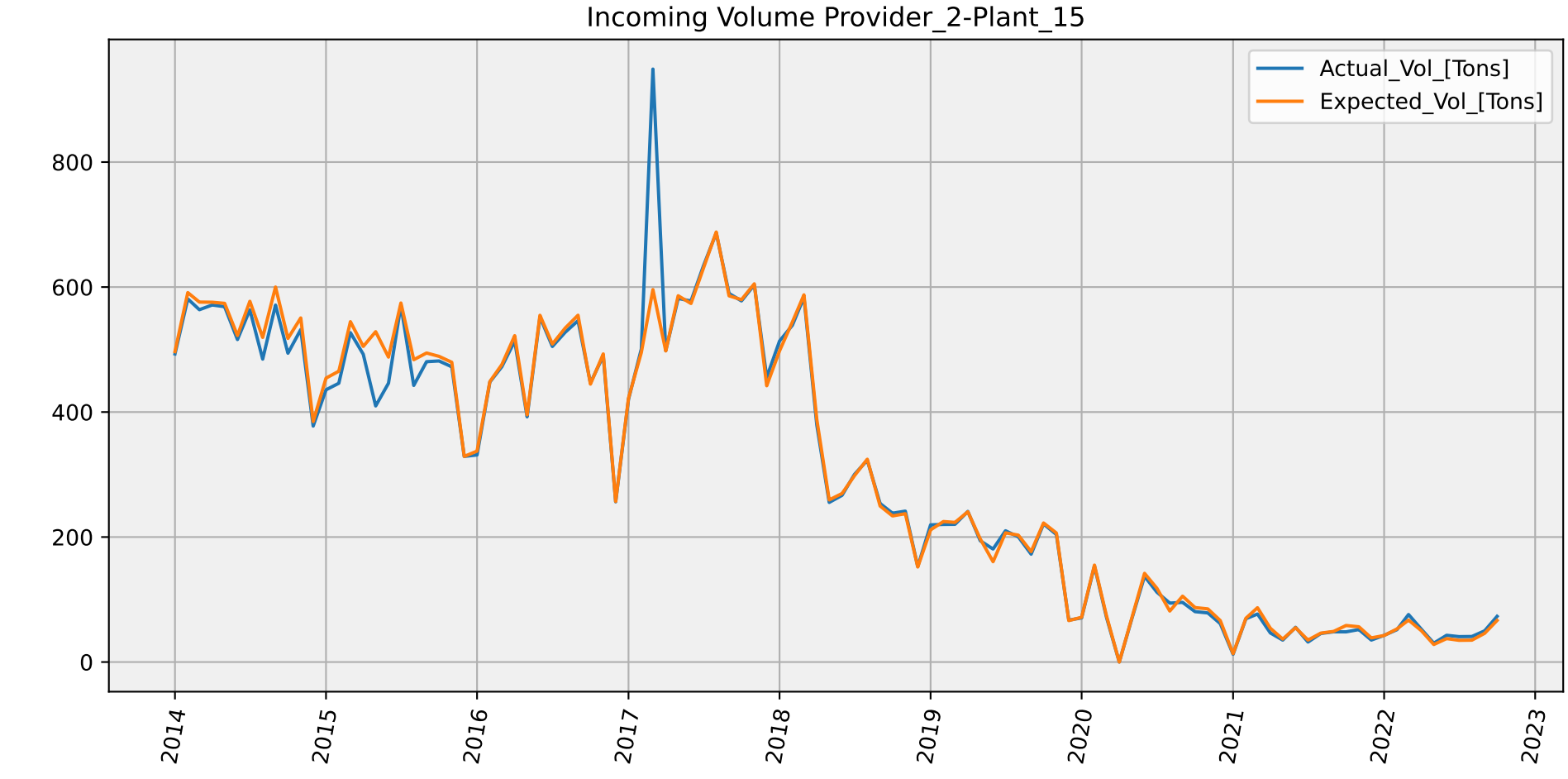


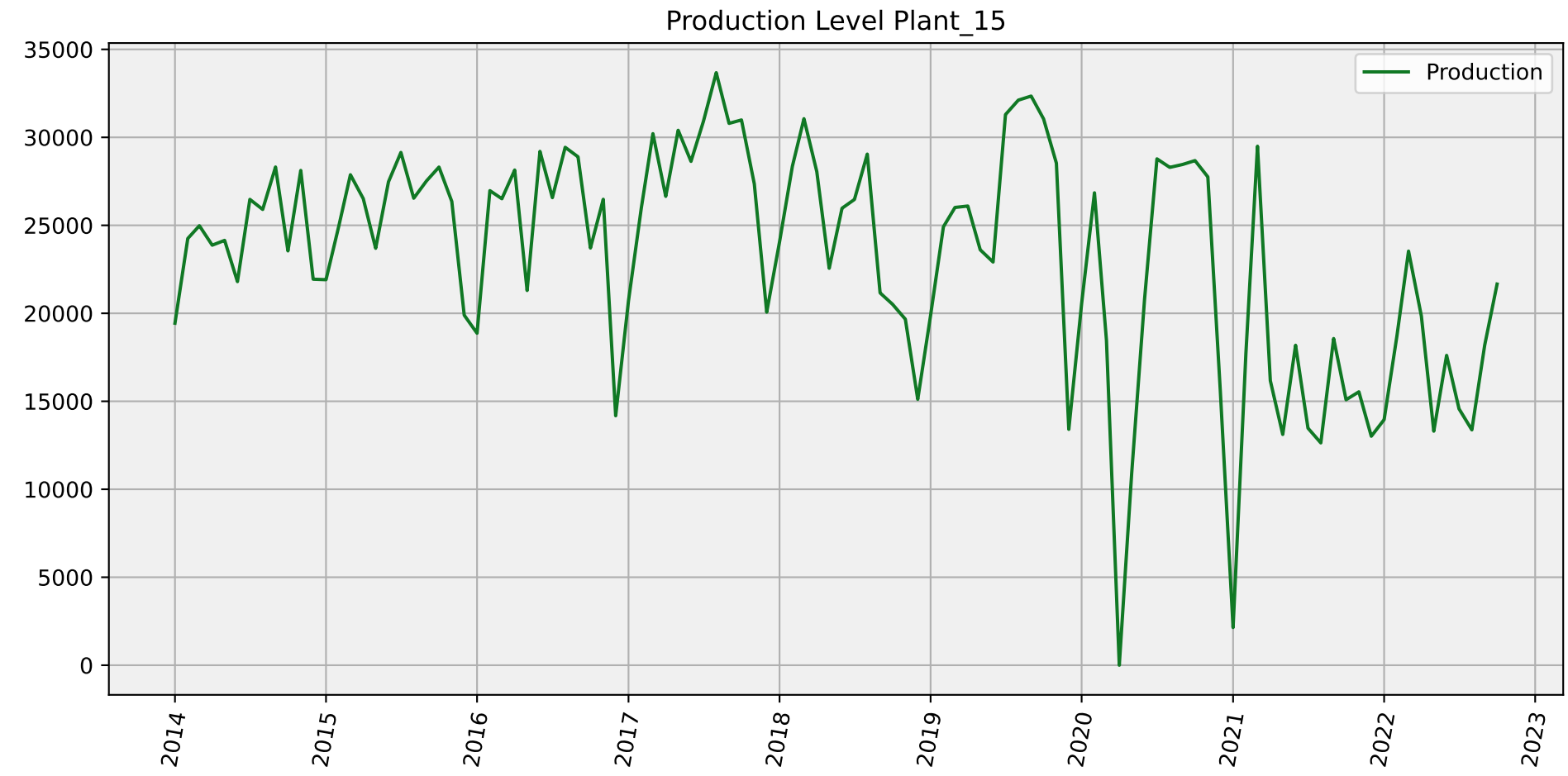
Production Level Plant_14

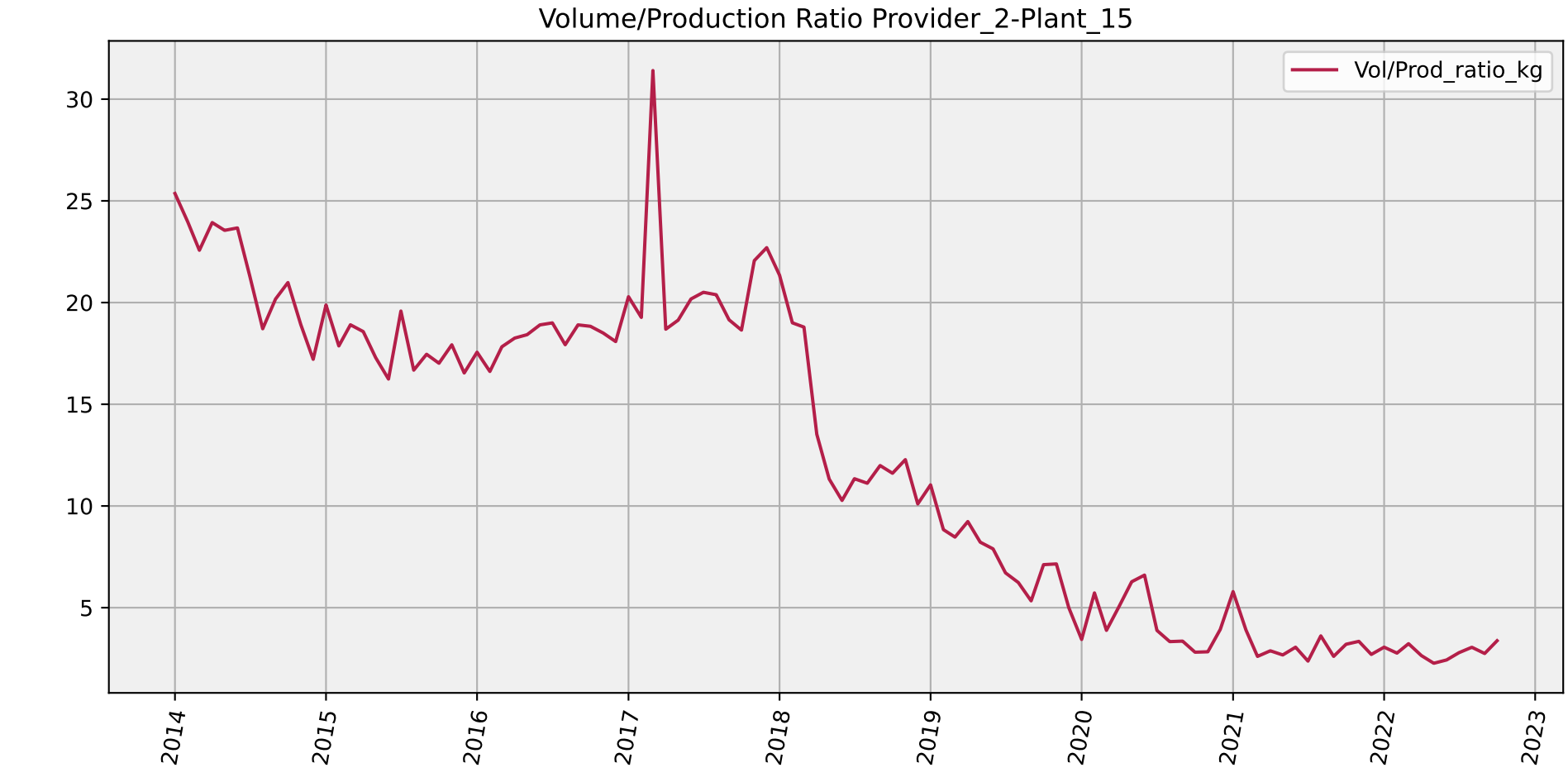


Volume/Production Ratio Provider_2-Plant_14

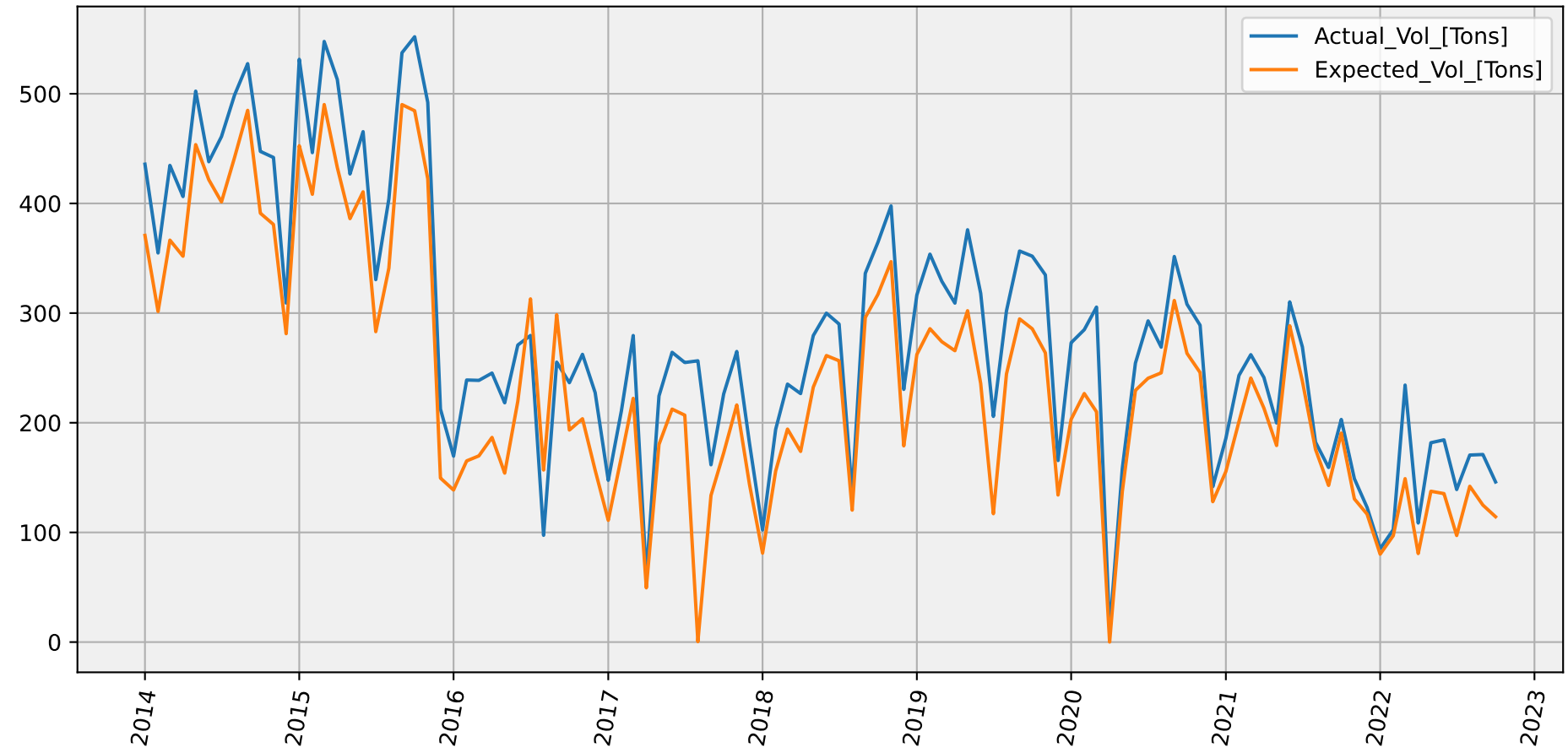



Incoming Volume Provider_2-Plant_15
Actual_Vol_[Tons]
Expected_Vol_[Tons]
800
600
400
200
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

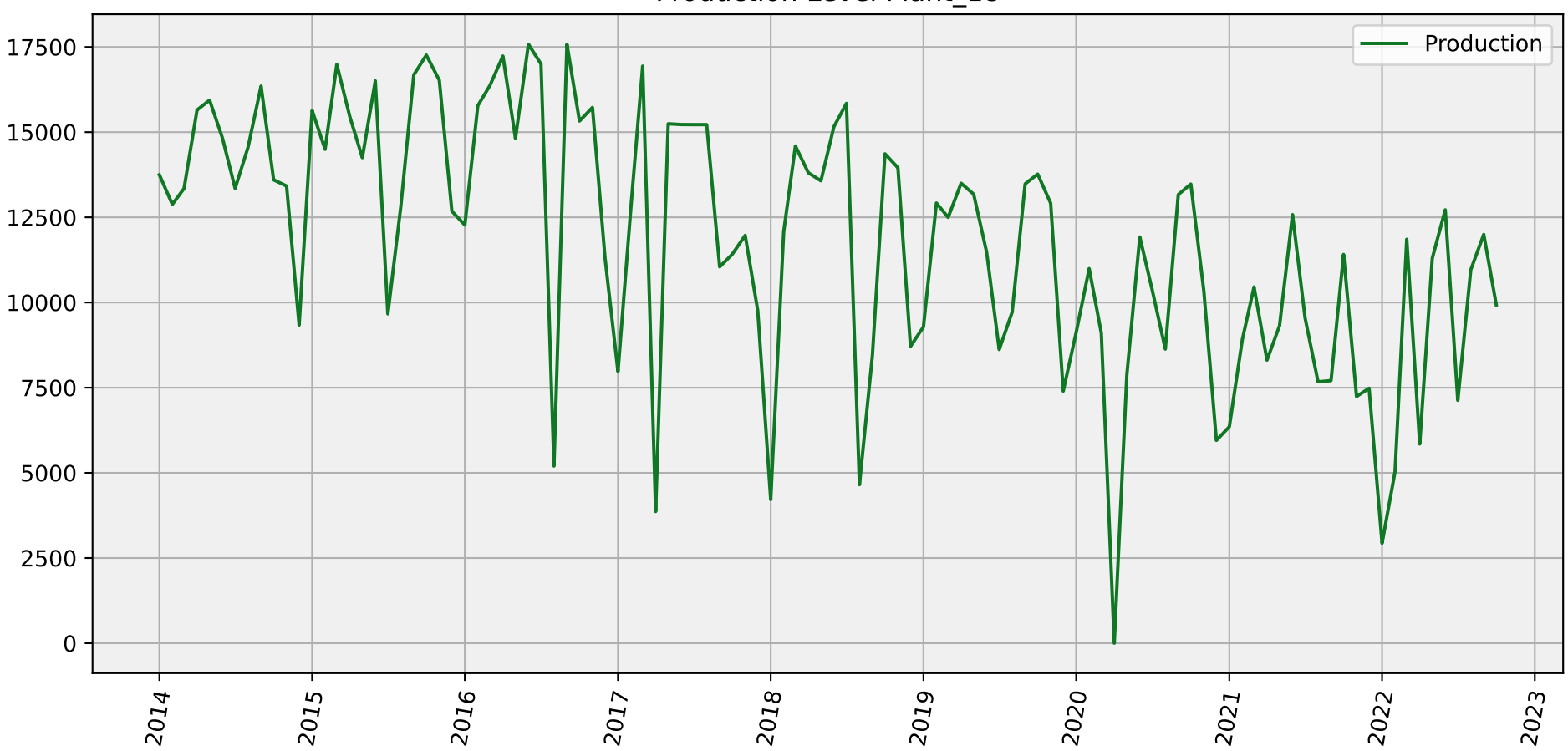

Production Level Plant_15
Production
35000
30000
25000
20000
15000
10000
5000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_2-Plant_15
Vol/Prod_ratio_kg
30
25
20
15
10
5
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

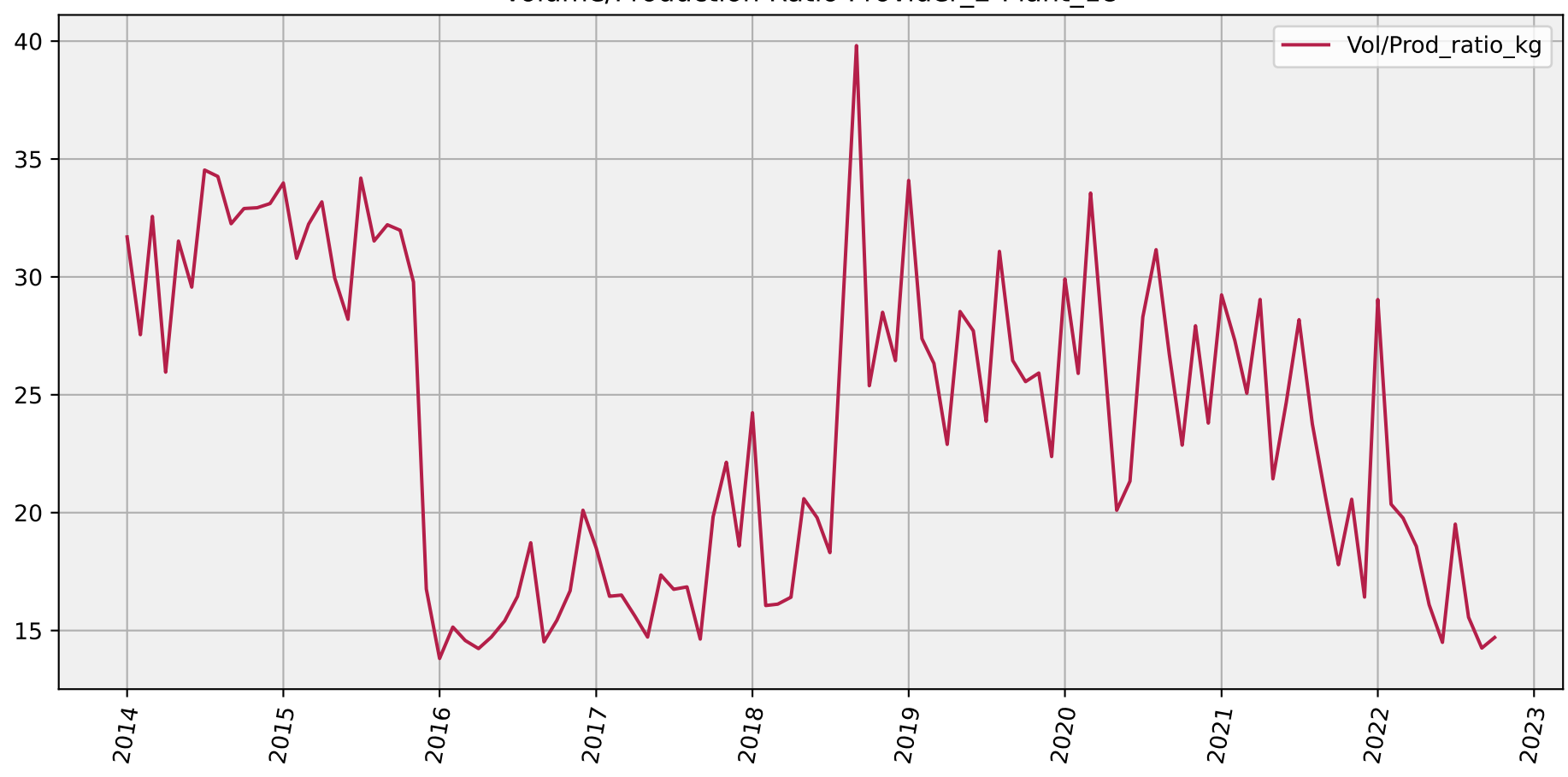
Incoming Volume Provider_2-Plant_18

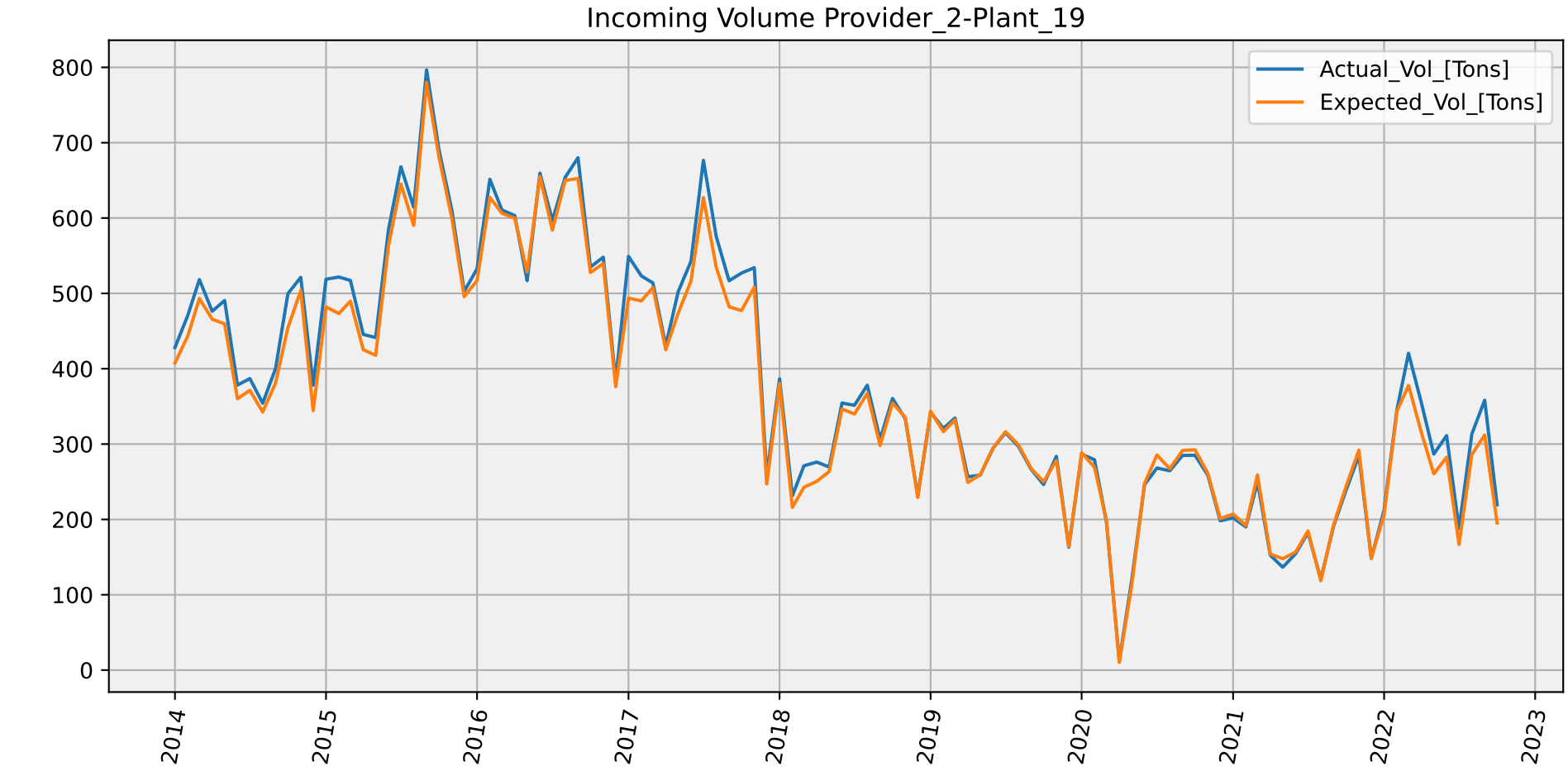


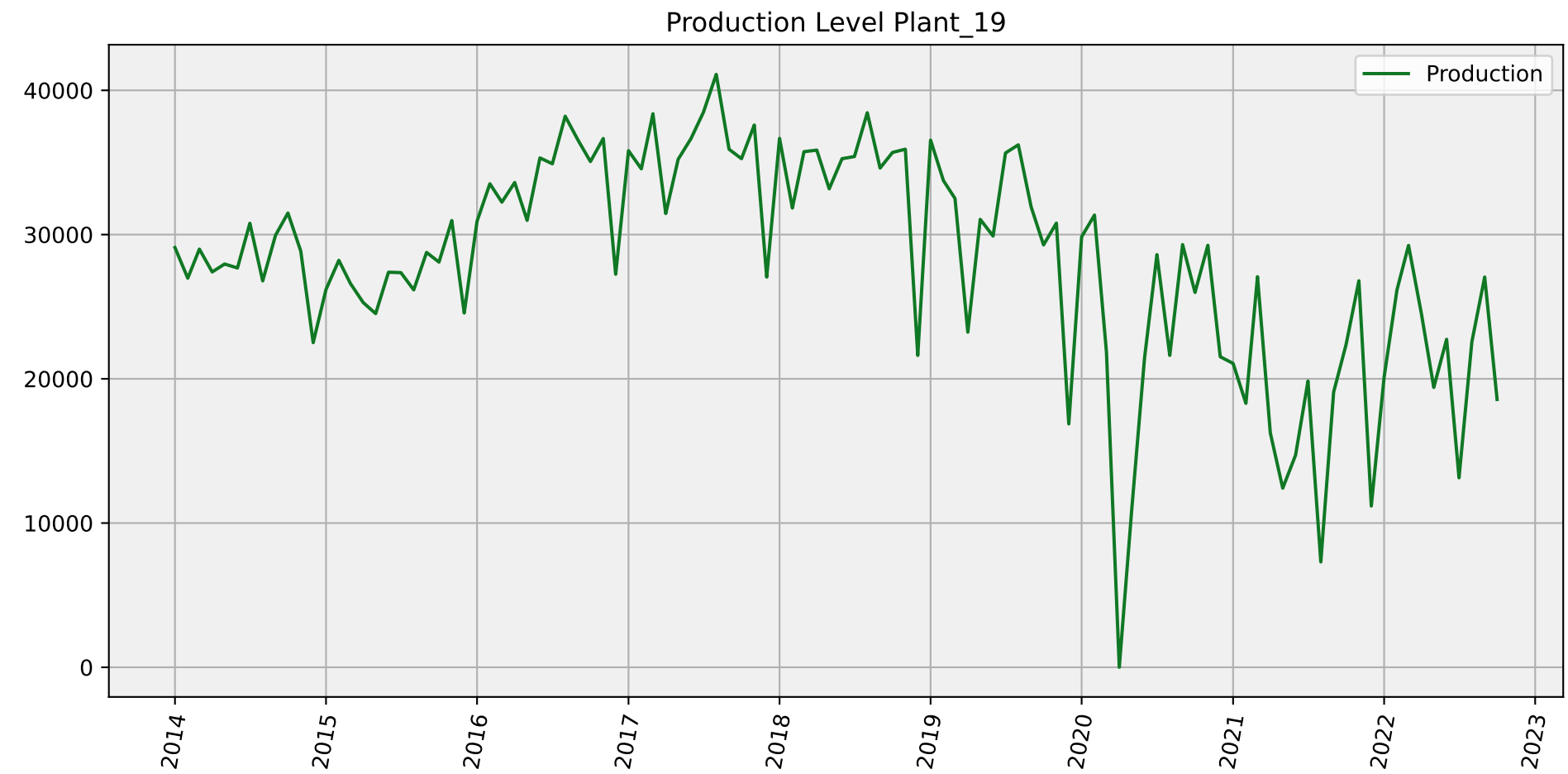
Production Level Plant_18

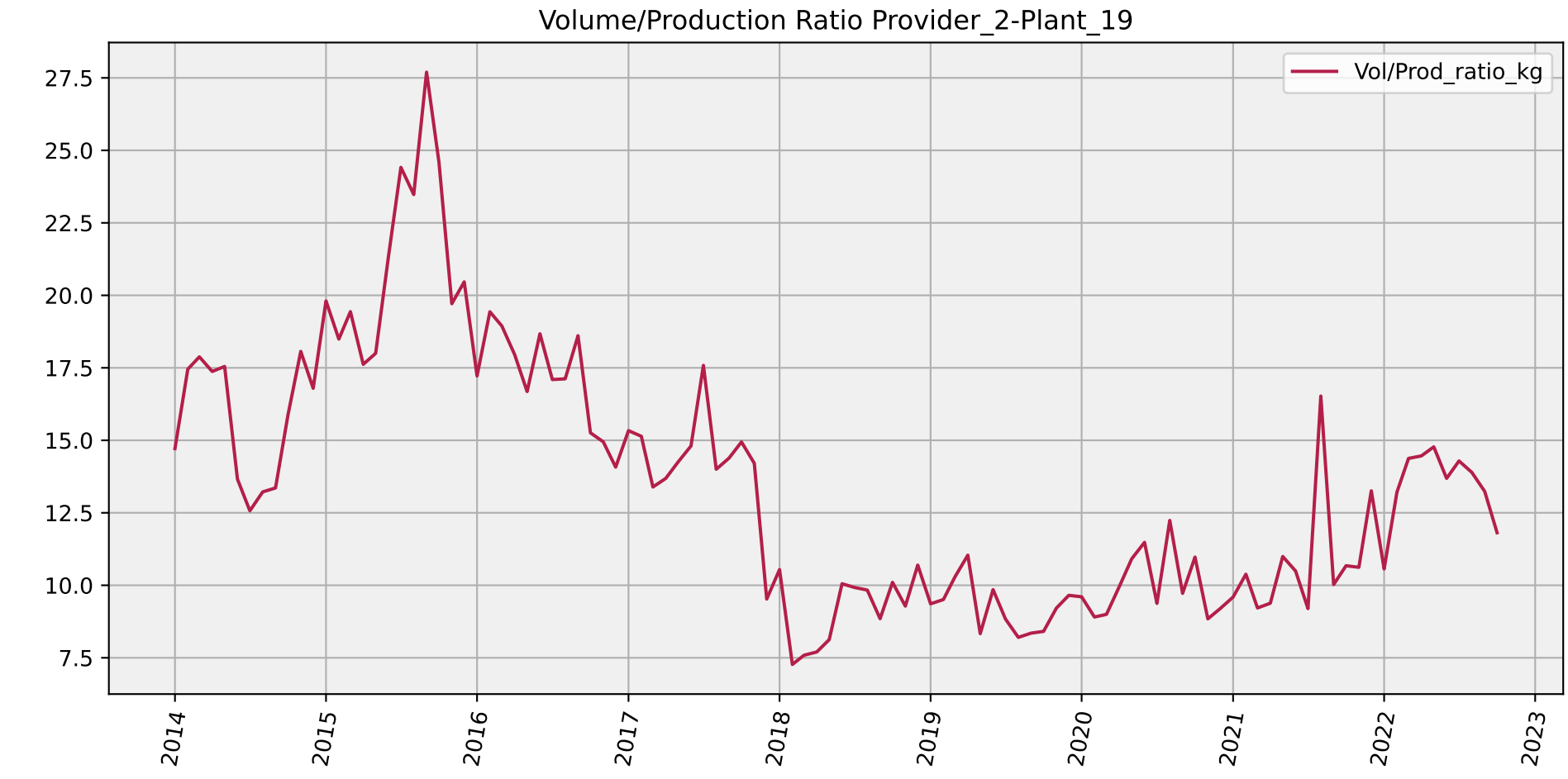


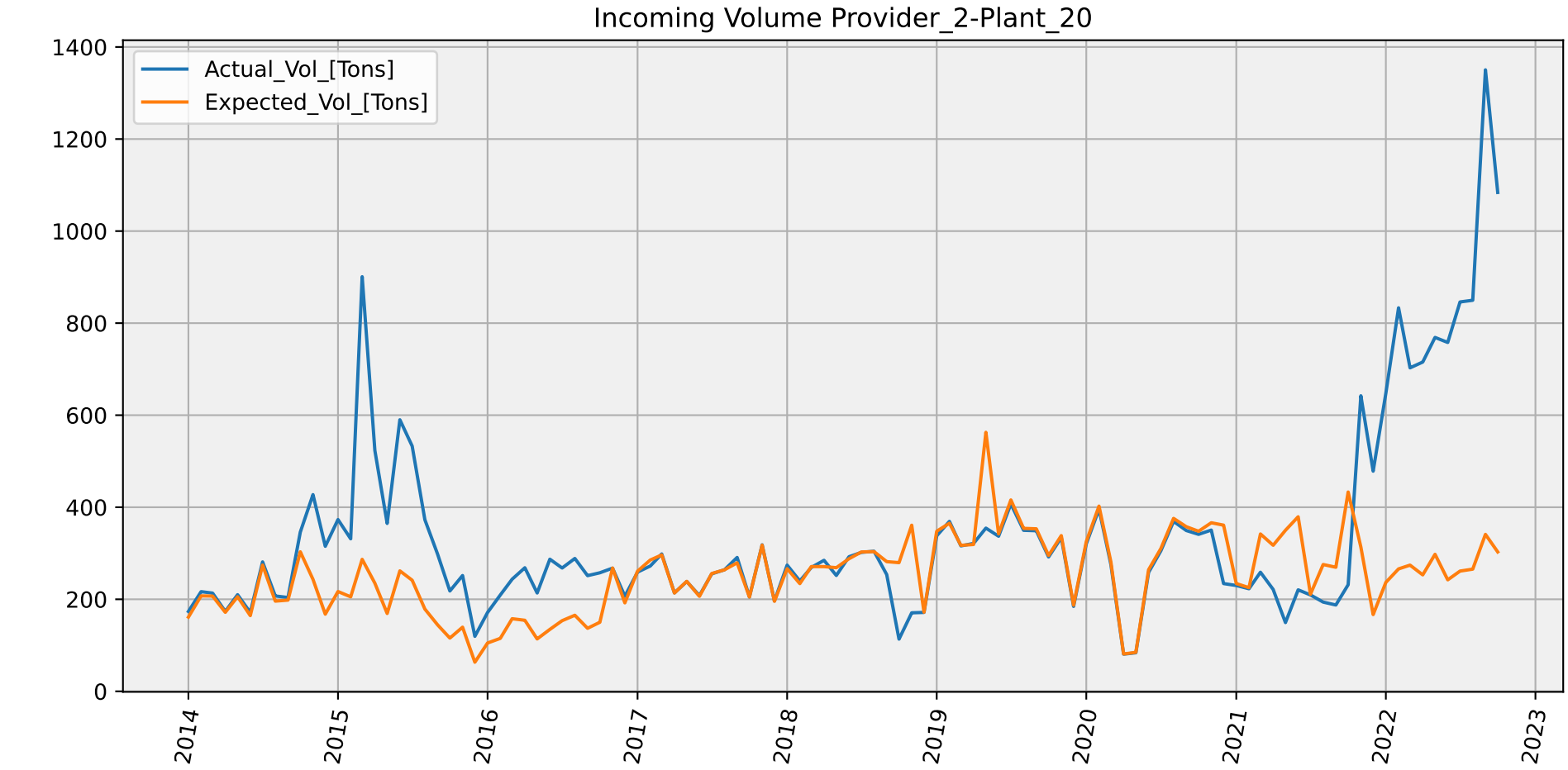
Volume/Production Ratio Provider_2-Plant_18

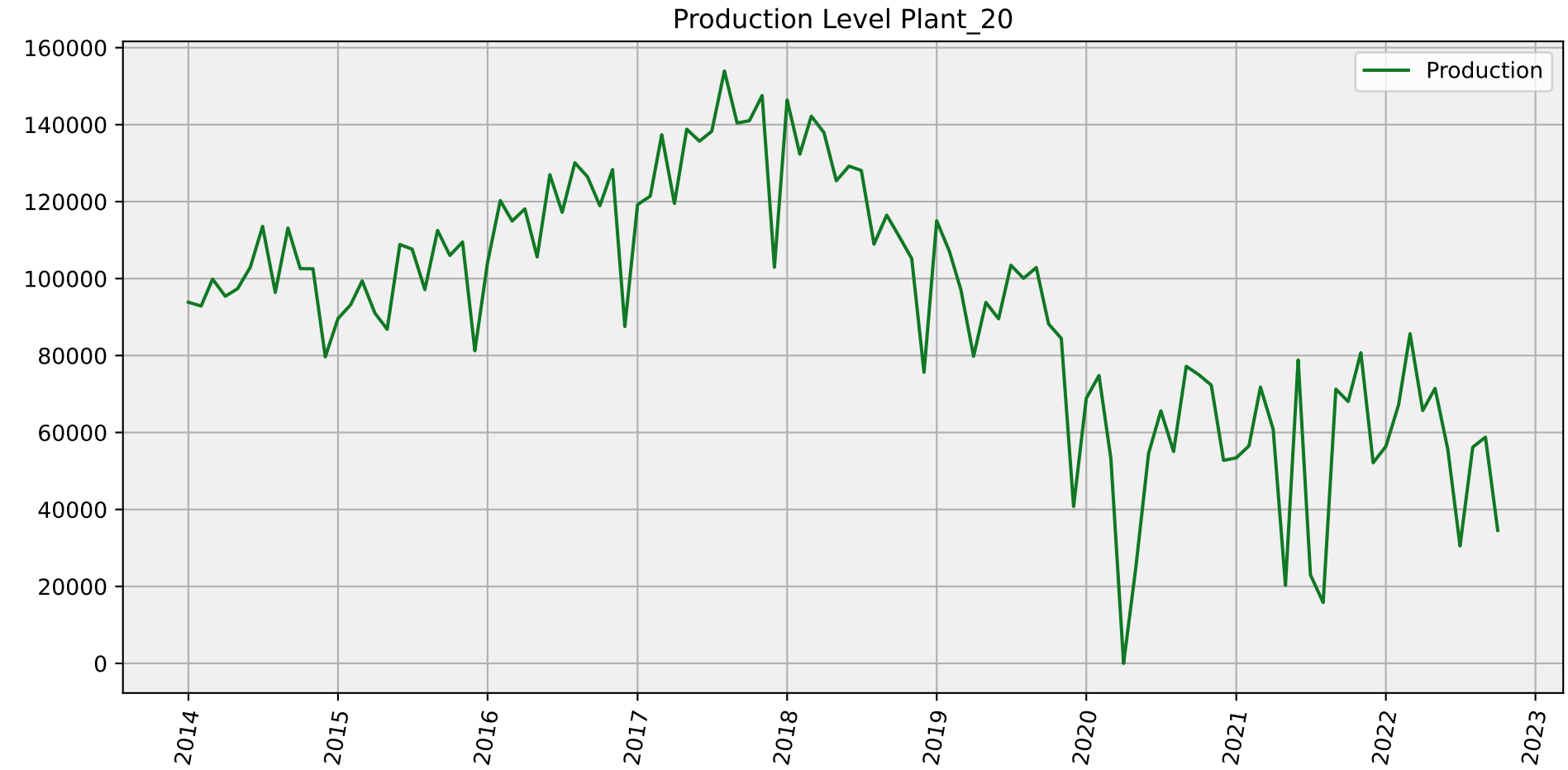


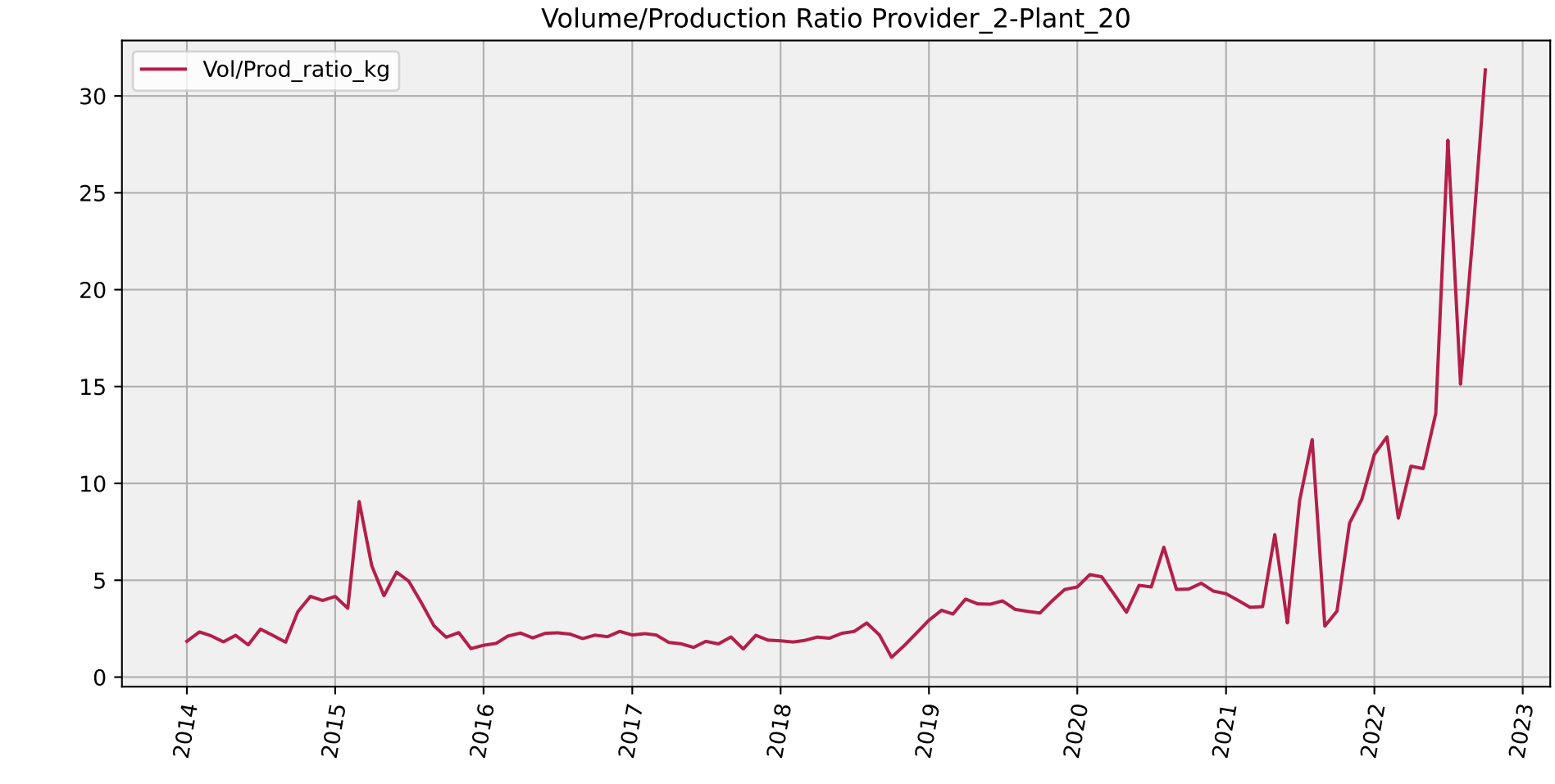

Incoming Volume Provider_2-Plant_19
Actual_Vol_[Tons]
Expected_Vol_[Tons]
800
700
600
500
400
300
200
100
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Production Level Plant_19
Production
40000
30000
20000
10000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

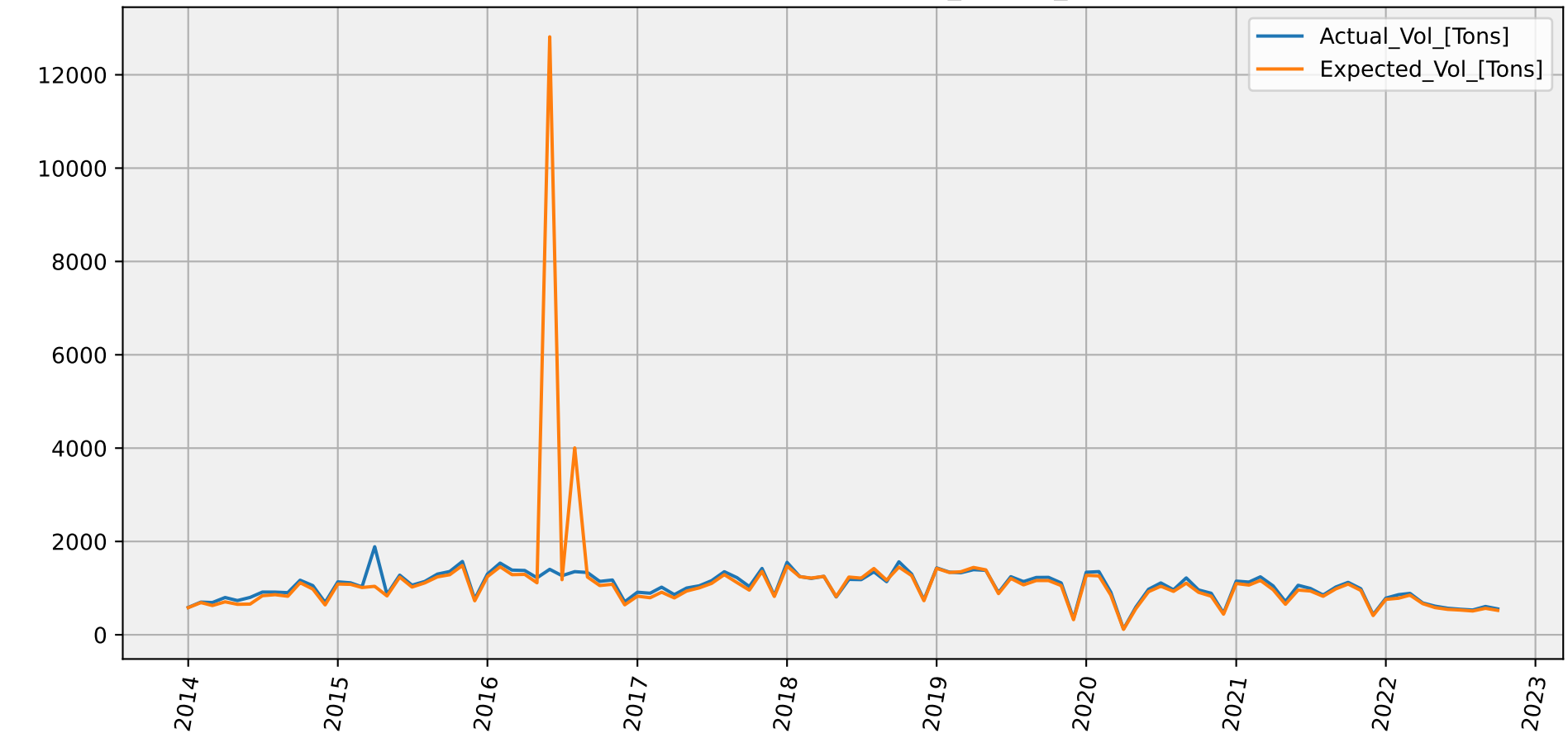

Volume/Production Ratio Provider_2-Plant_19
Vol/Prod_ratio_kg
27.5
25.0
22.5
20.0
17.5
15.0
12.5
10.0
7.5
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Incoming Volume Provider_2-Plant_20
Actual_Vol_[Tons]
Expected_Vol_[Tons]
1400
1200
1000
800
600
400
200
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

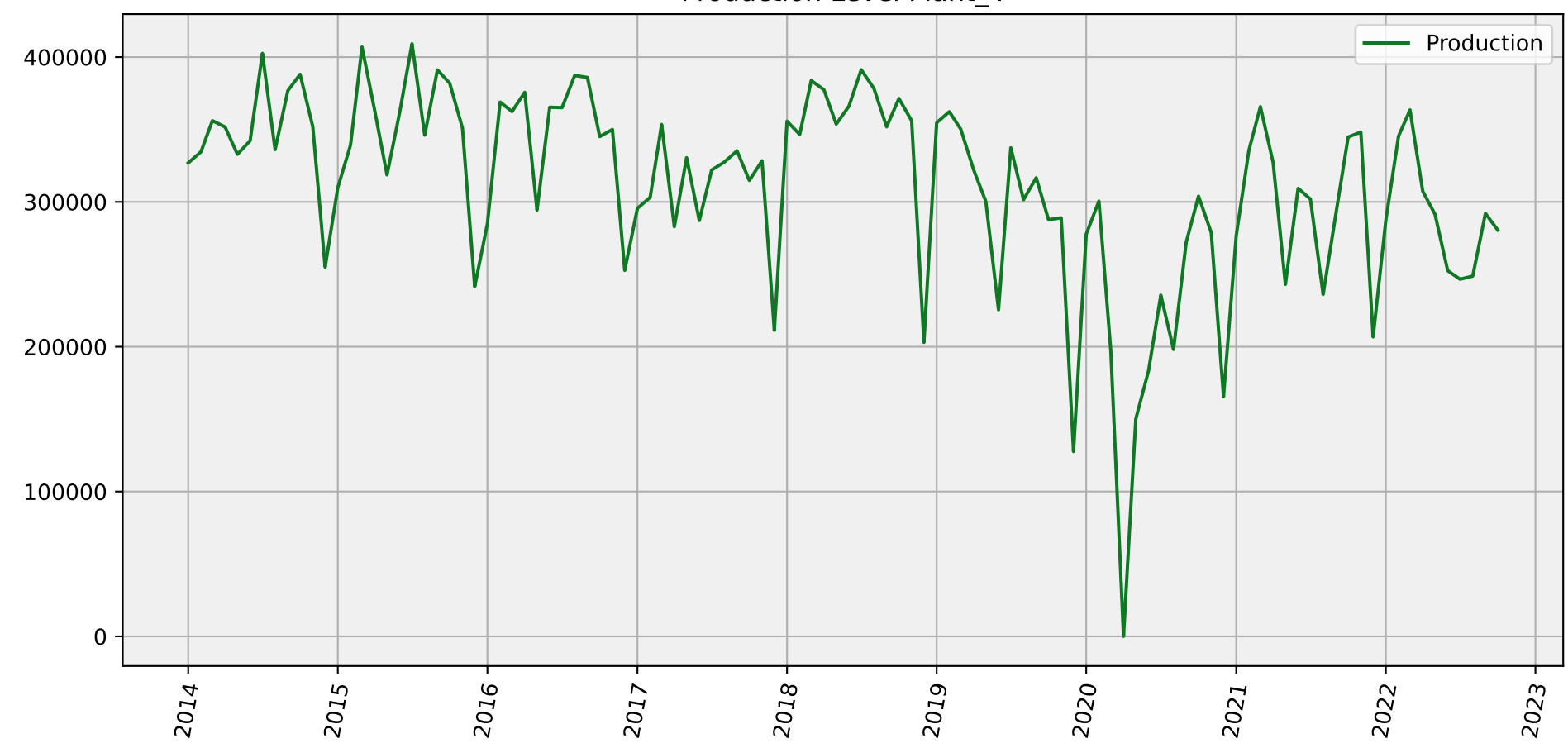

Production Level Plant_20
Production
160000
140000
120000
100000
80000
60000
40000
20000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_2-Plant_20
Vol/Prod_ratio_kg
30
25
20
15
10
5
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

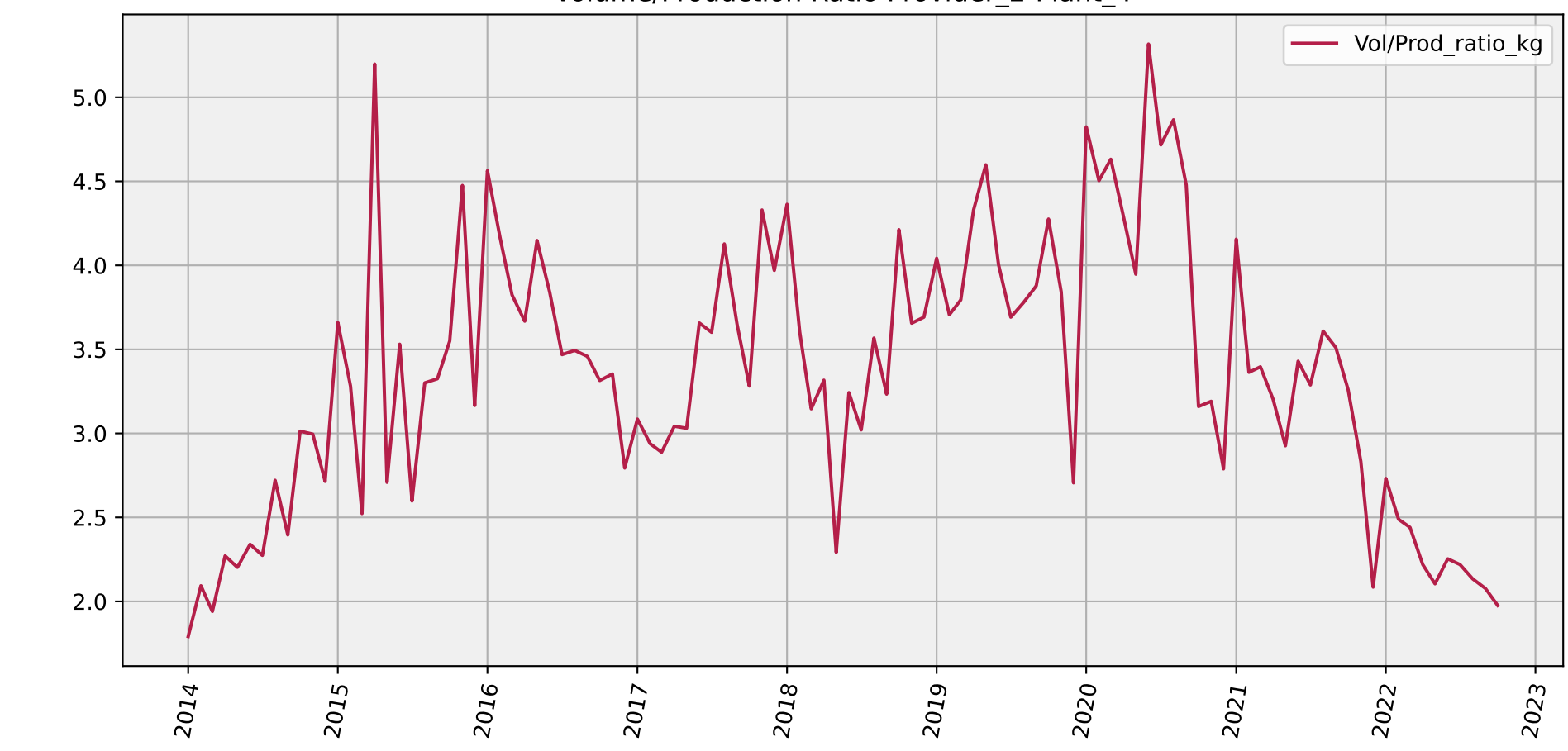
Incoming Volume Provider_2-Plant_4



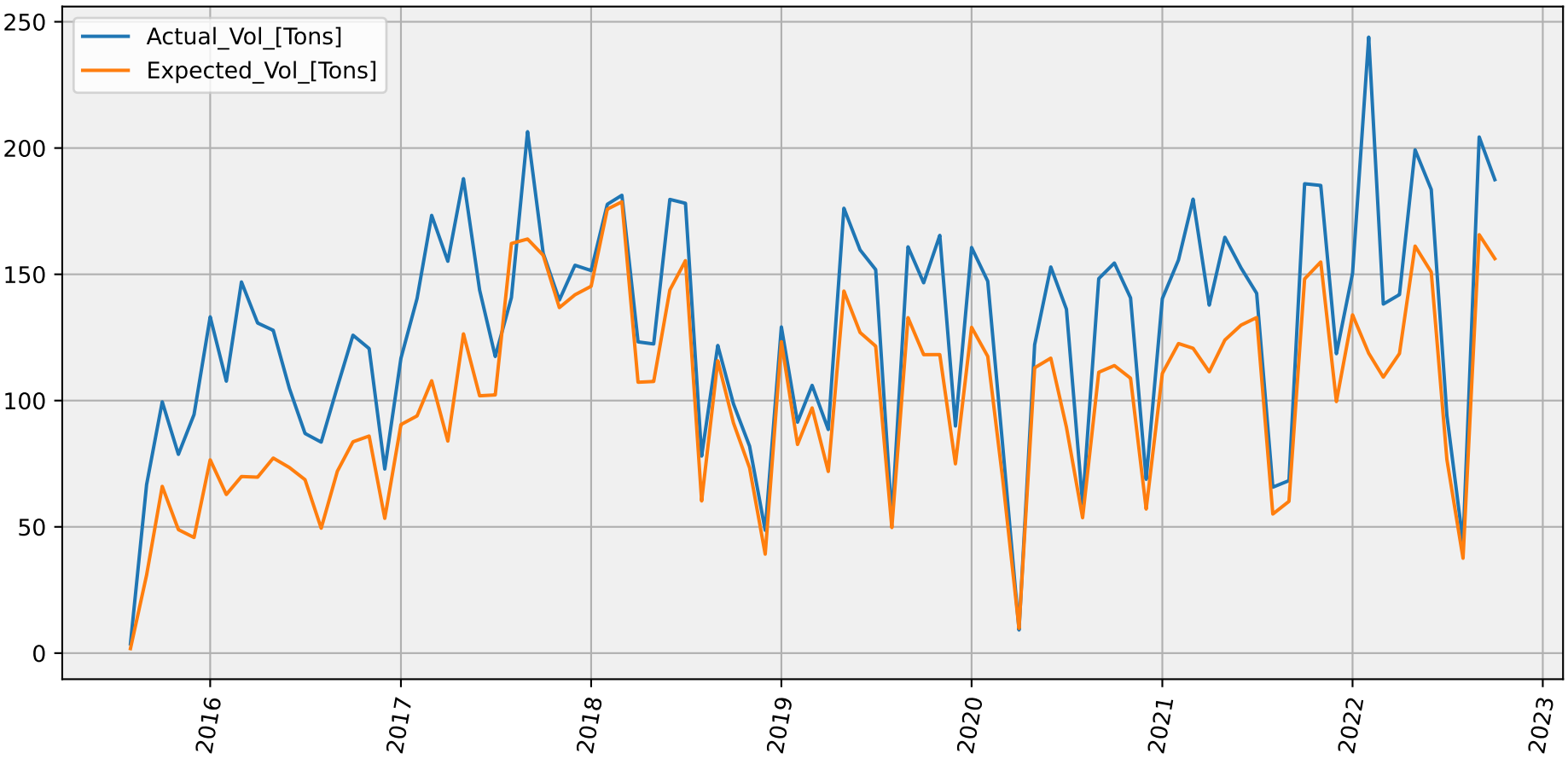
Production Level Plant_4



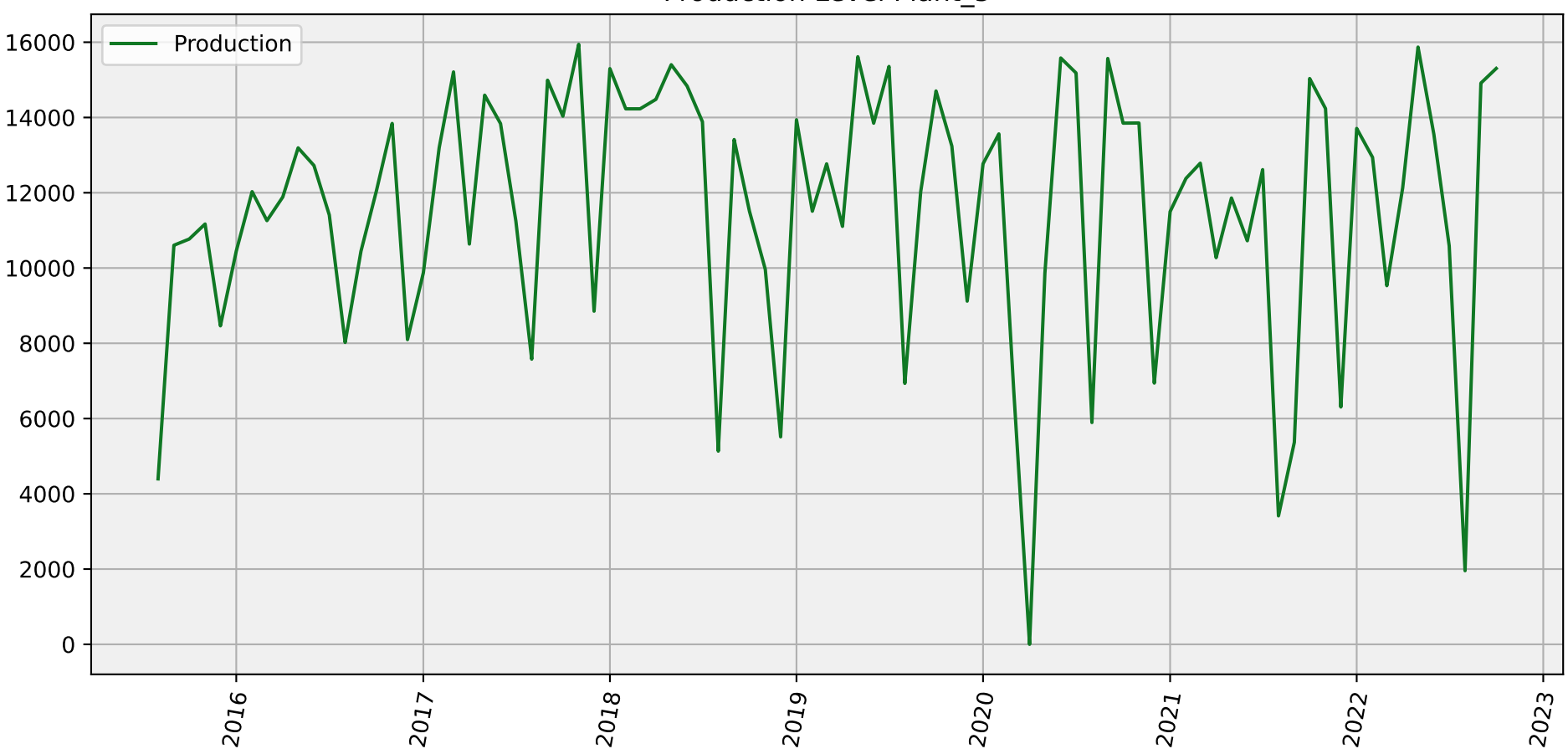
Volume/Production Ratio Provider_2-Plant_4



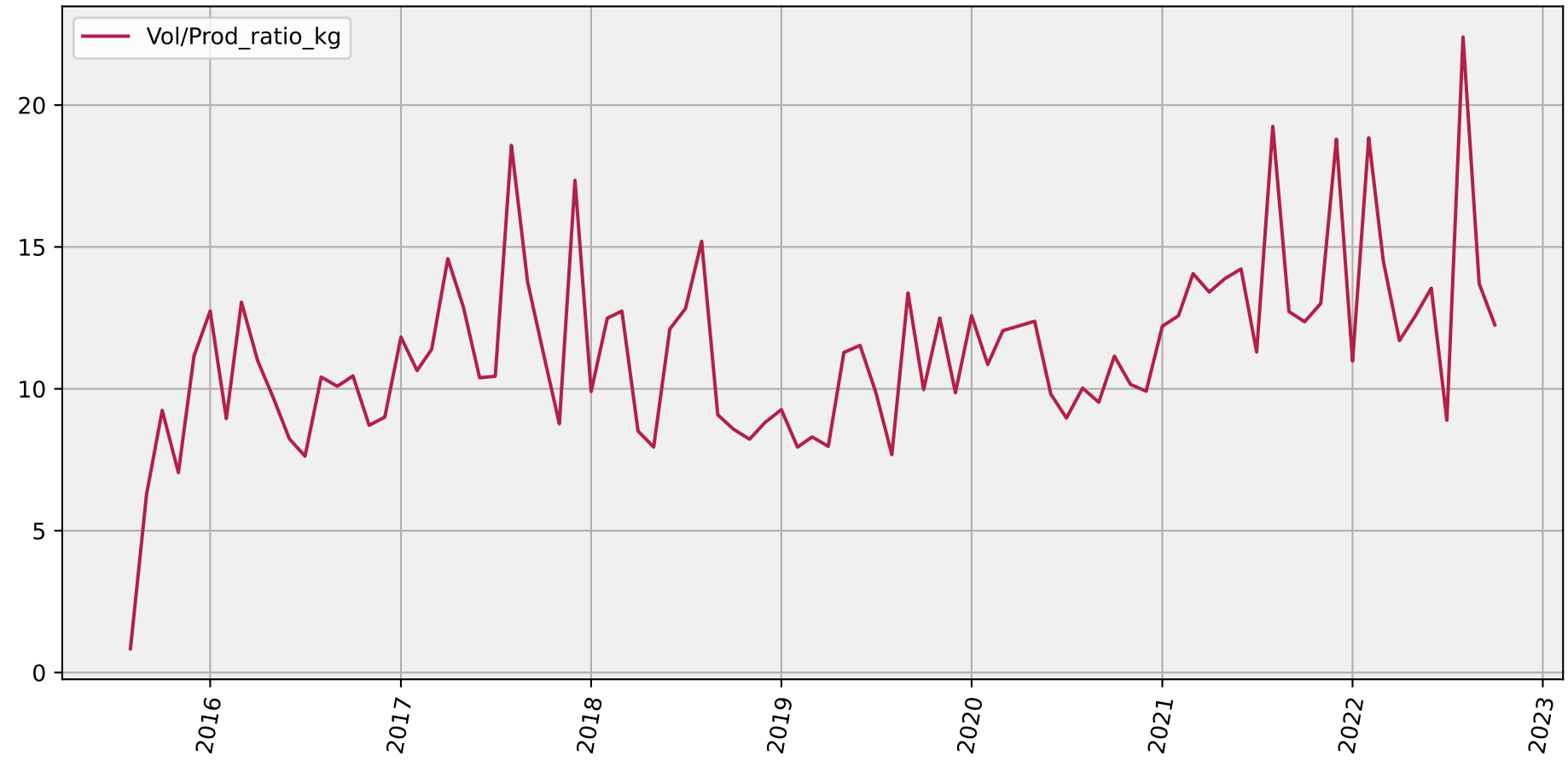
Incoming Volume Provider_2-Plant_5

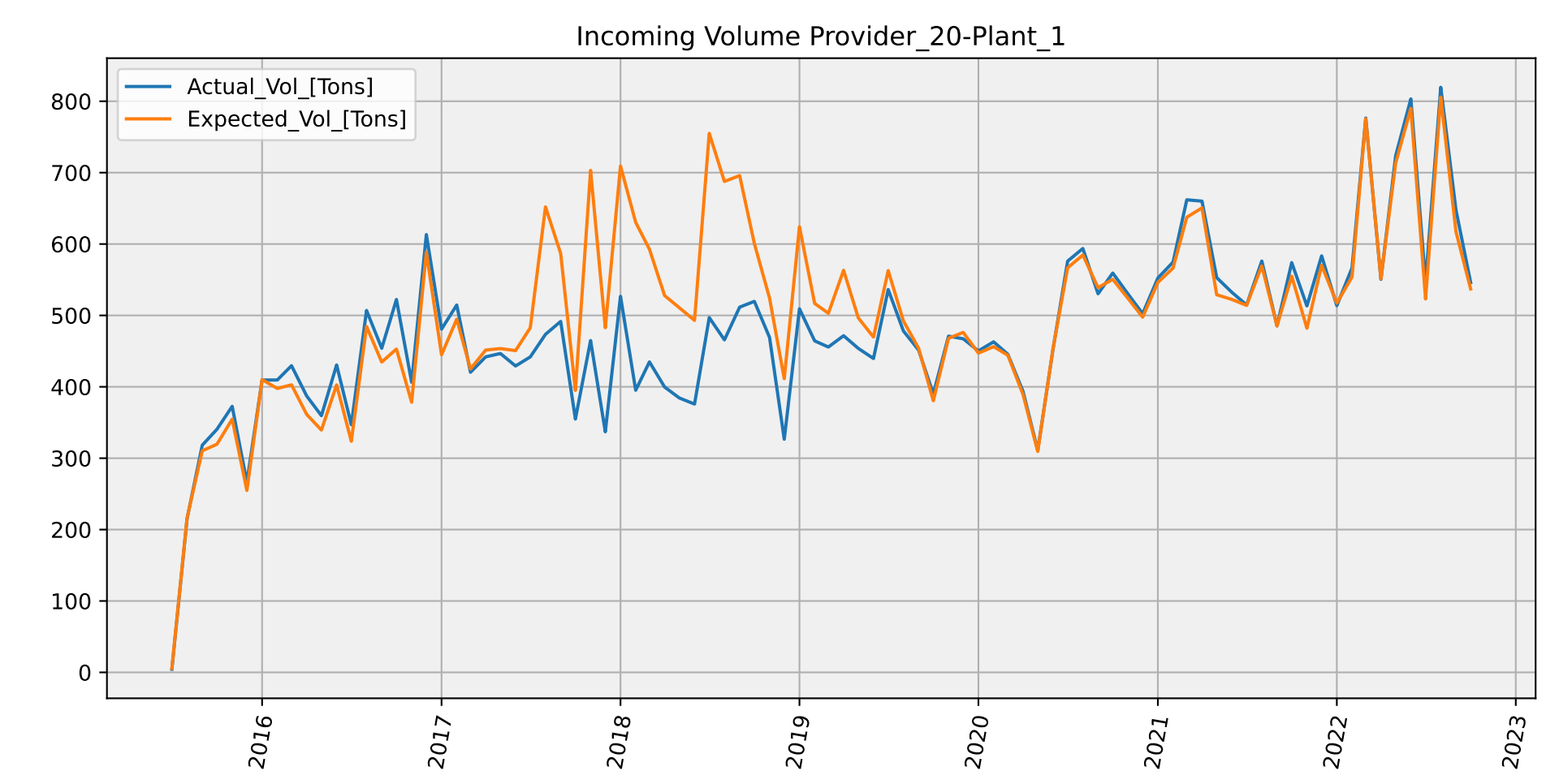


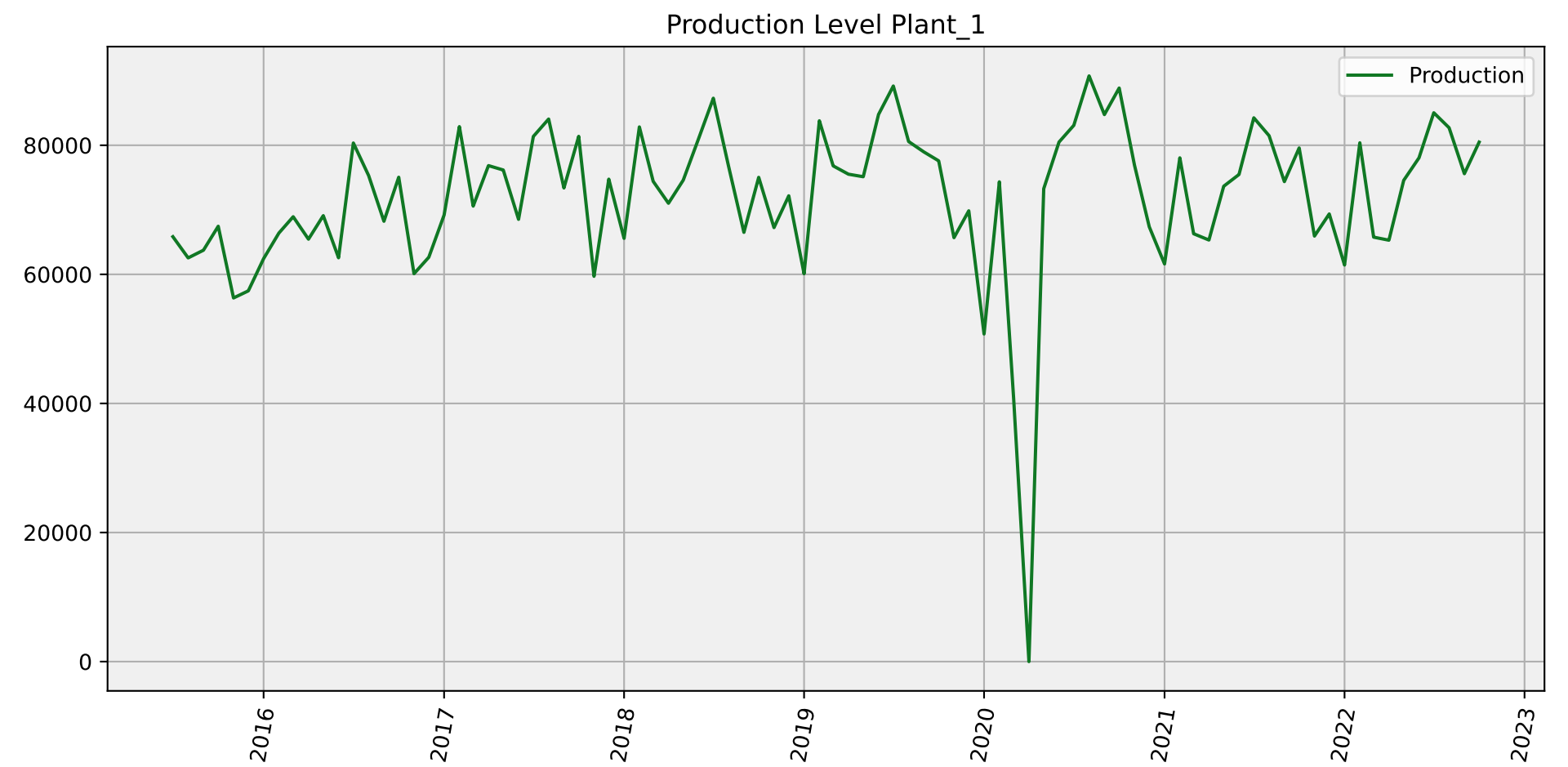
Production Level Plant_5

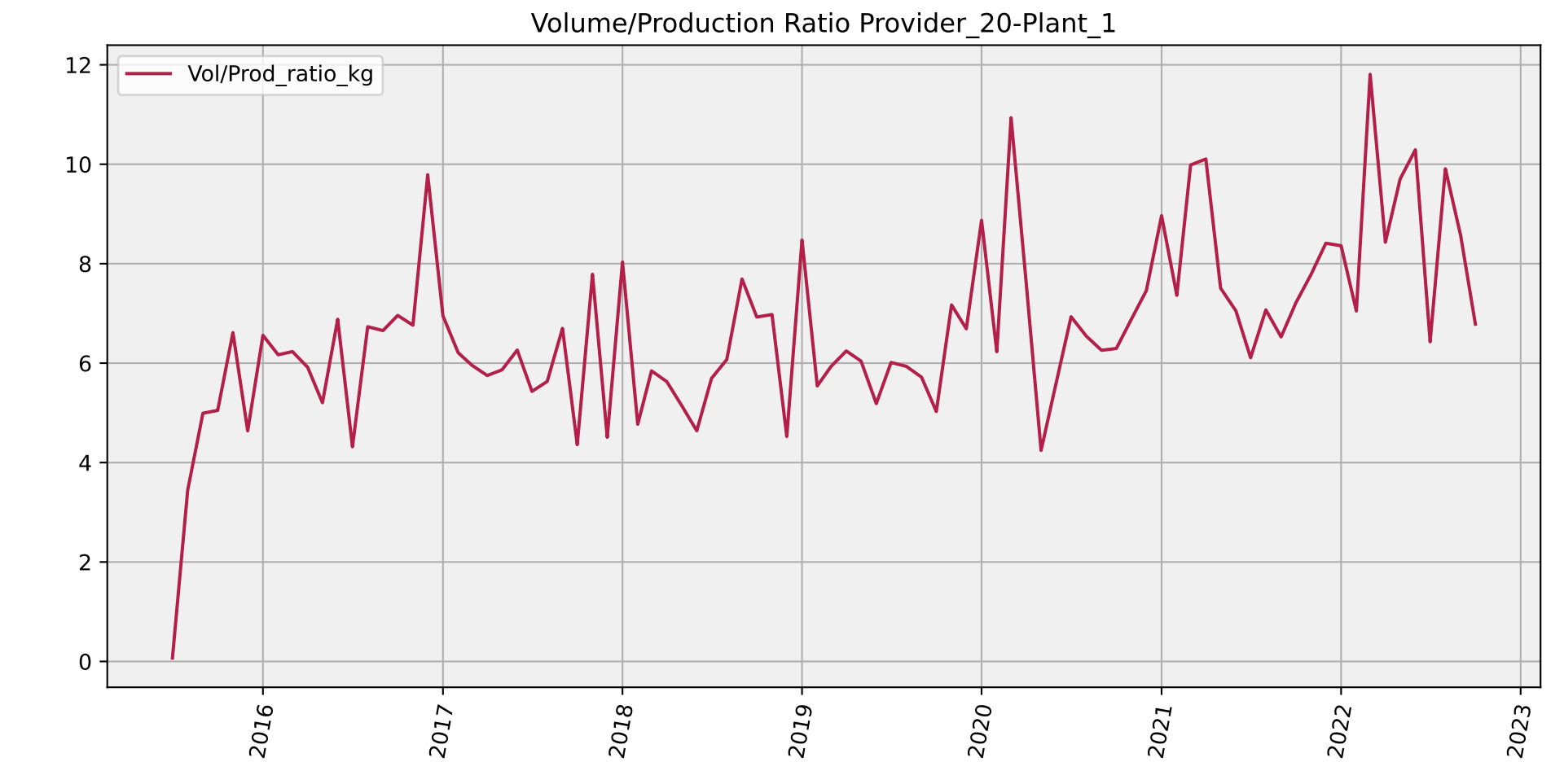


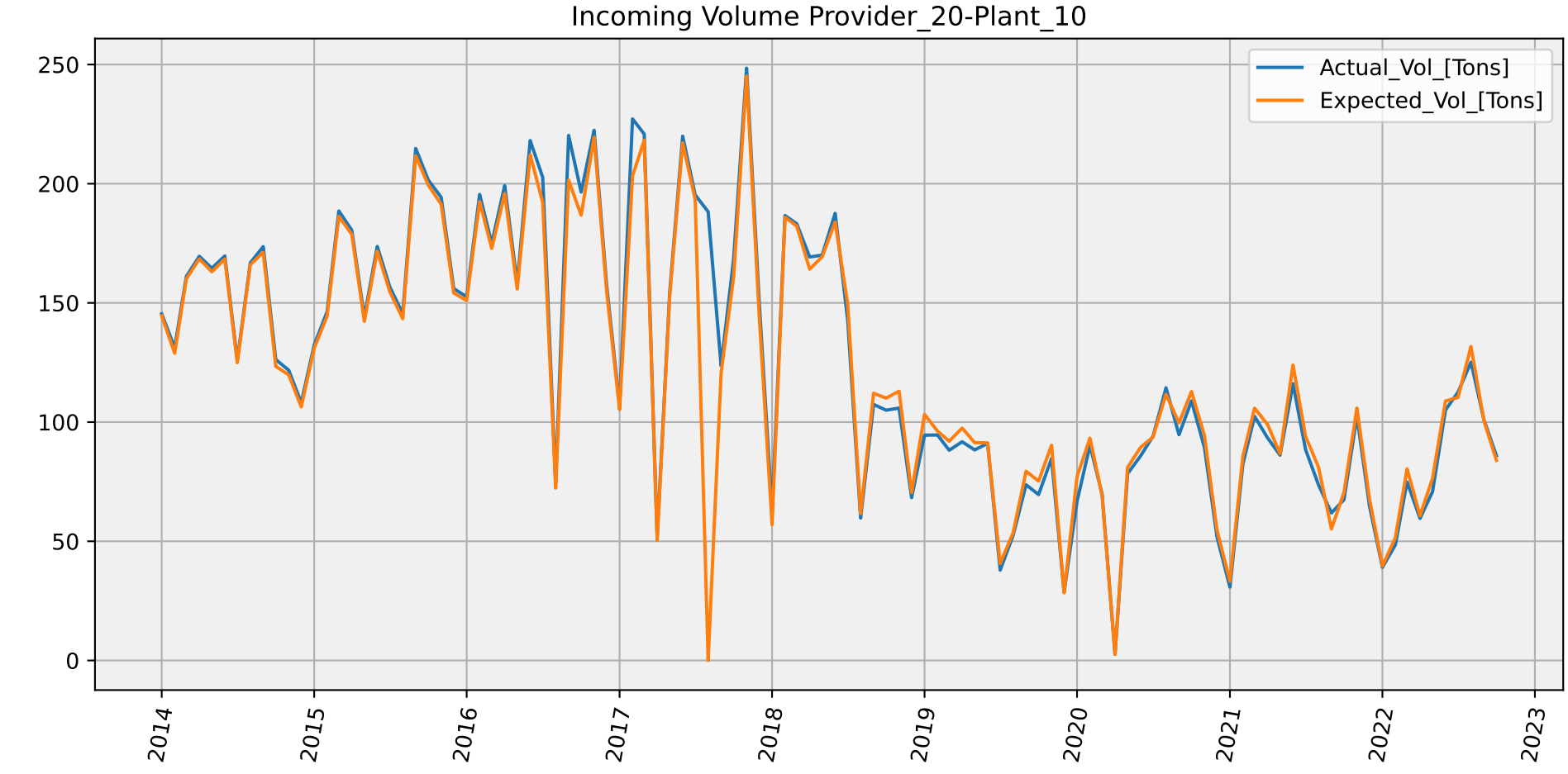
Volume/Production Ratio Provider_2-Plant_5

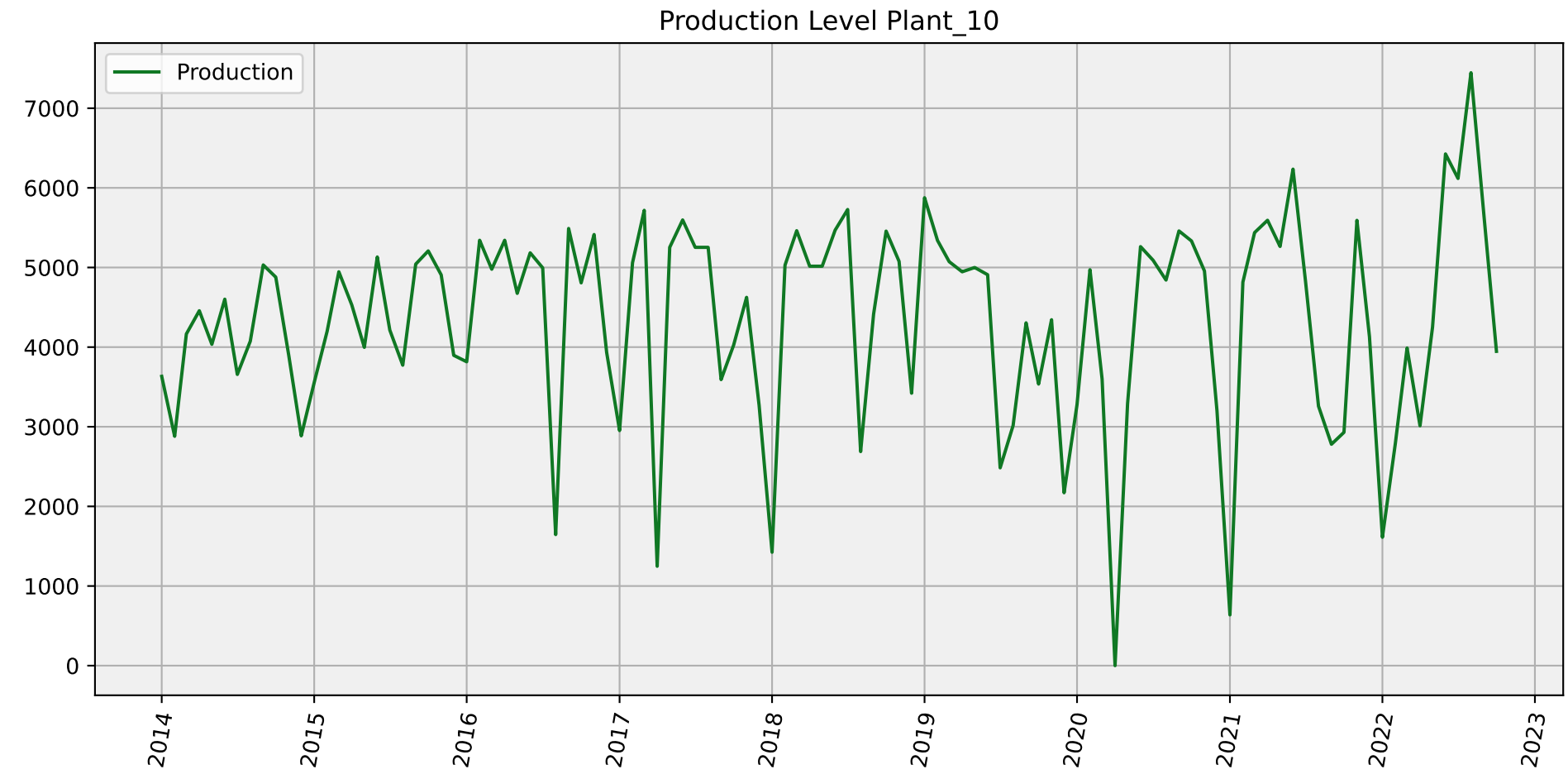


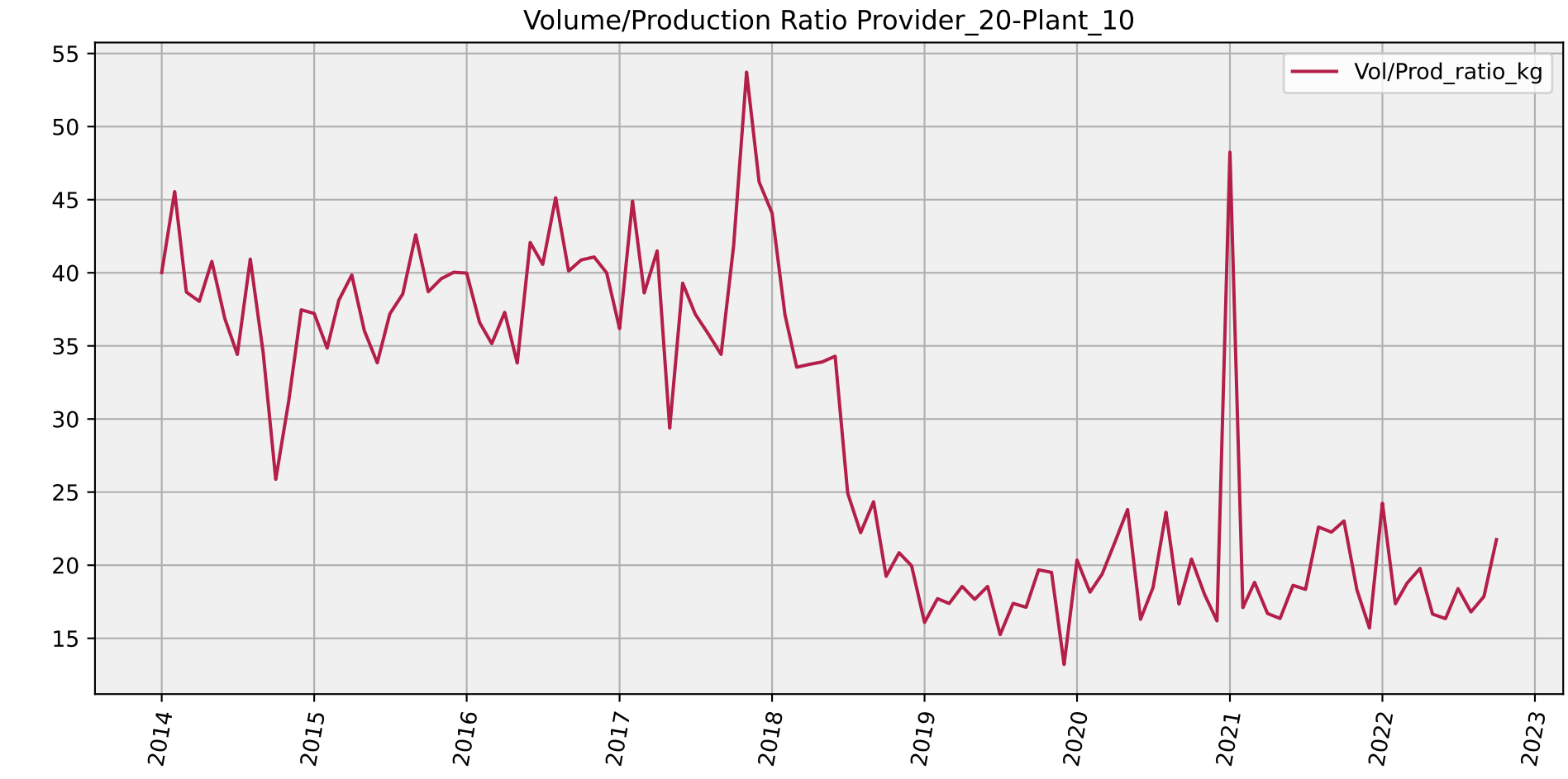

Incoming Volume Provider_20-Plant_1
Actual_Vol_[Tons]
Expected_Vol_[Tons]
800
700
600
500
400
300
200
100
0
2016
2017
2018
2019
2020
2021
2022
2023

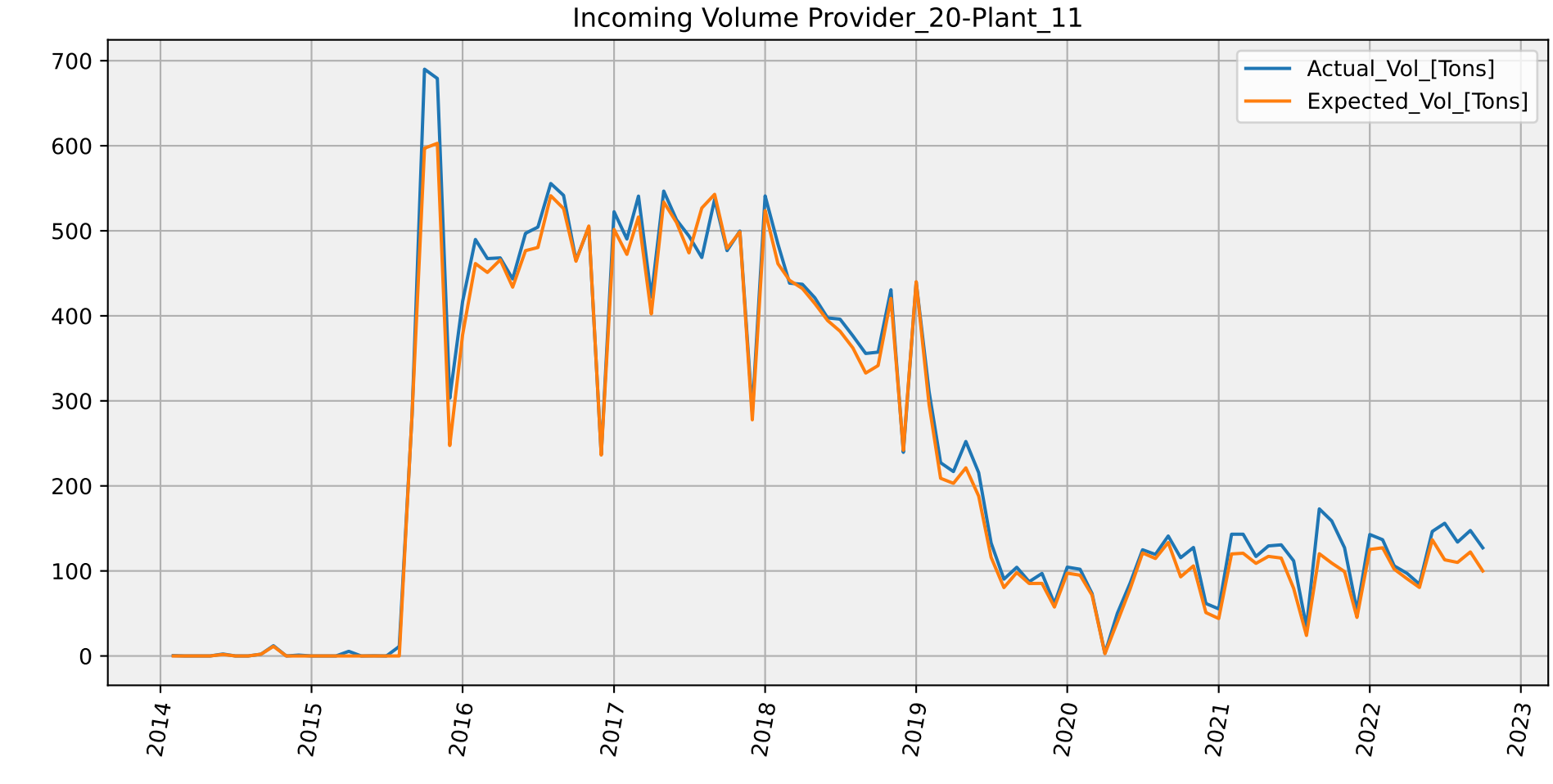

Production Level Plant_1
Production
80000
60000
40000
20000
0
2016
2017
2018
2019
2020
2021
2022
2023

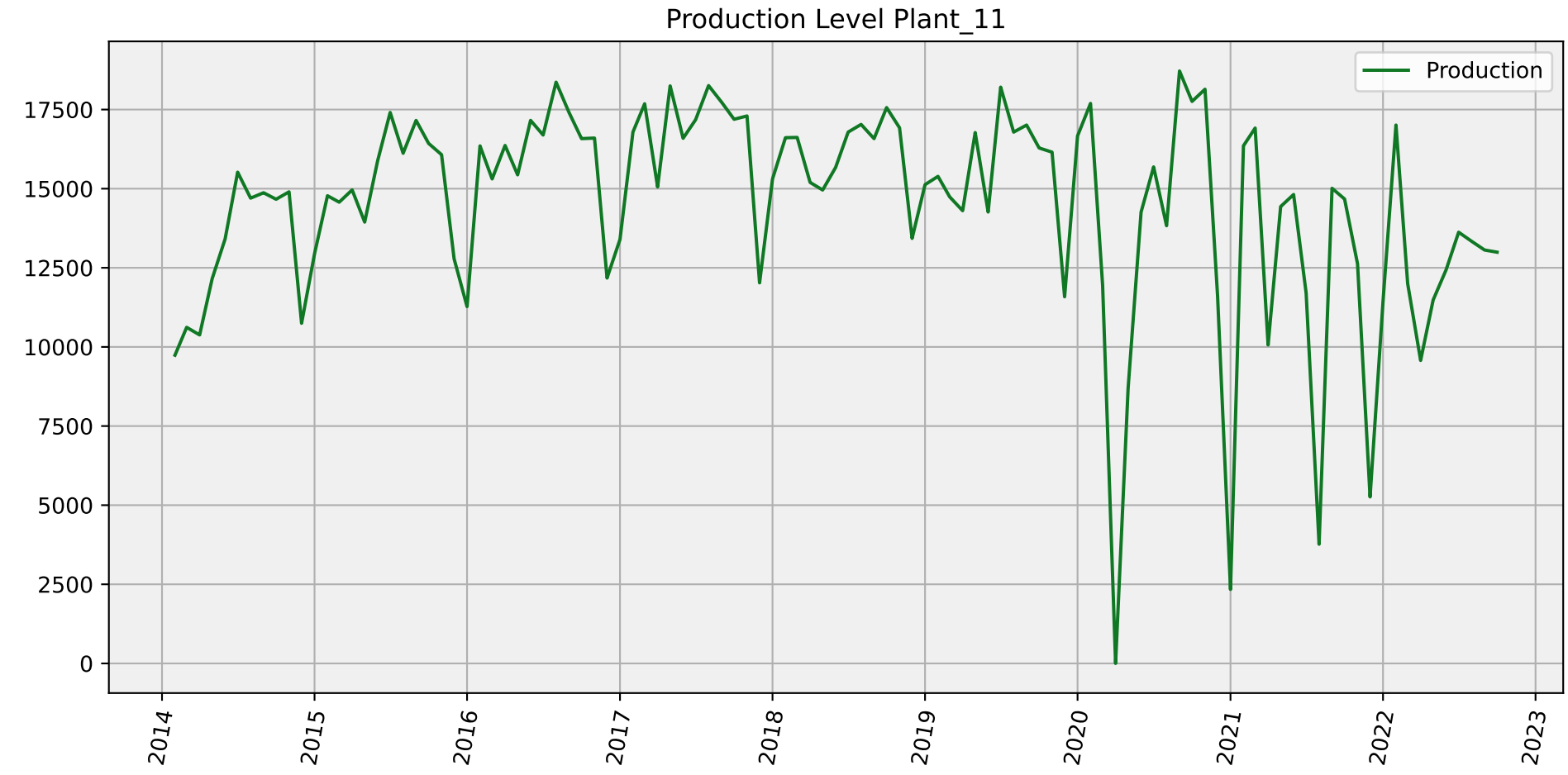

Volume/Production Ratio Provider_20-Plant_1
Vol/Prod_ratio_kg
12
10
8
6
4
2
0
2016
2017
2018
2019
2020
2021
2022
2023

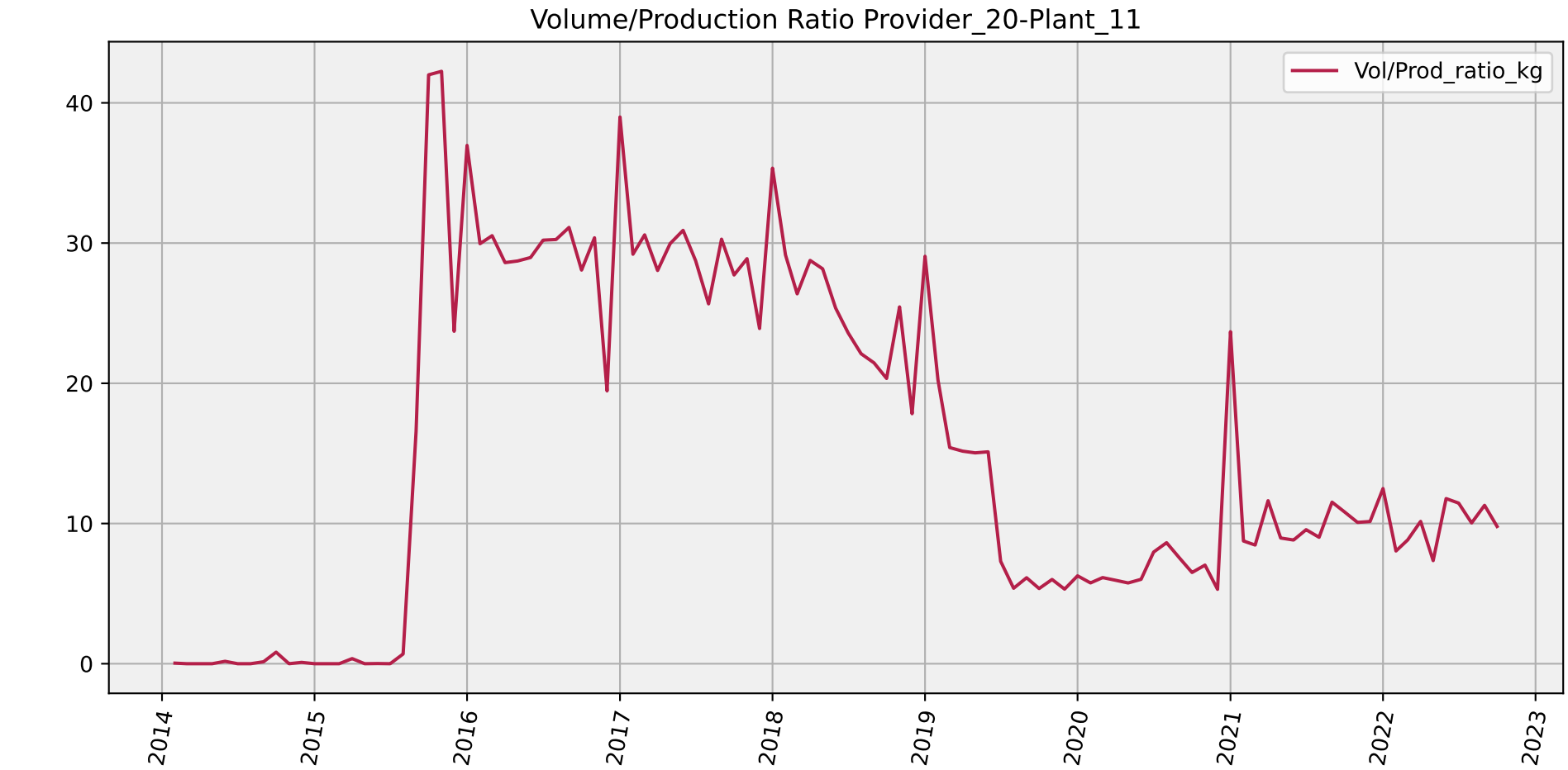

Incoming Volume Provider_20-Plant_10
Actual_Vol_[Tons]
Expected_Vol_[Tons]
250
200
150
100
50
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

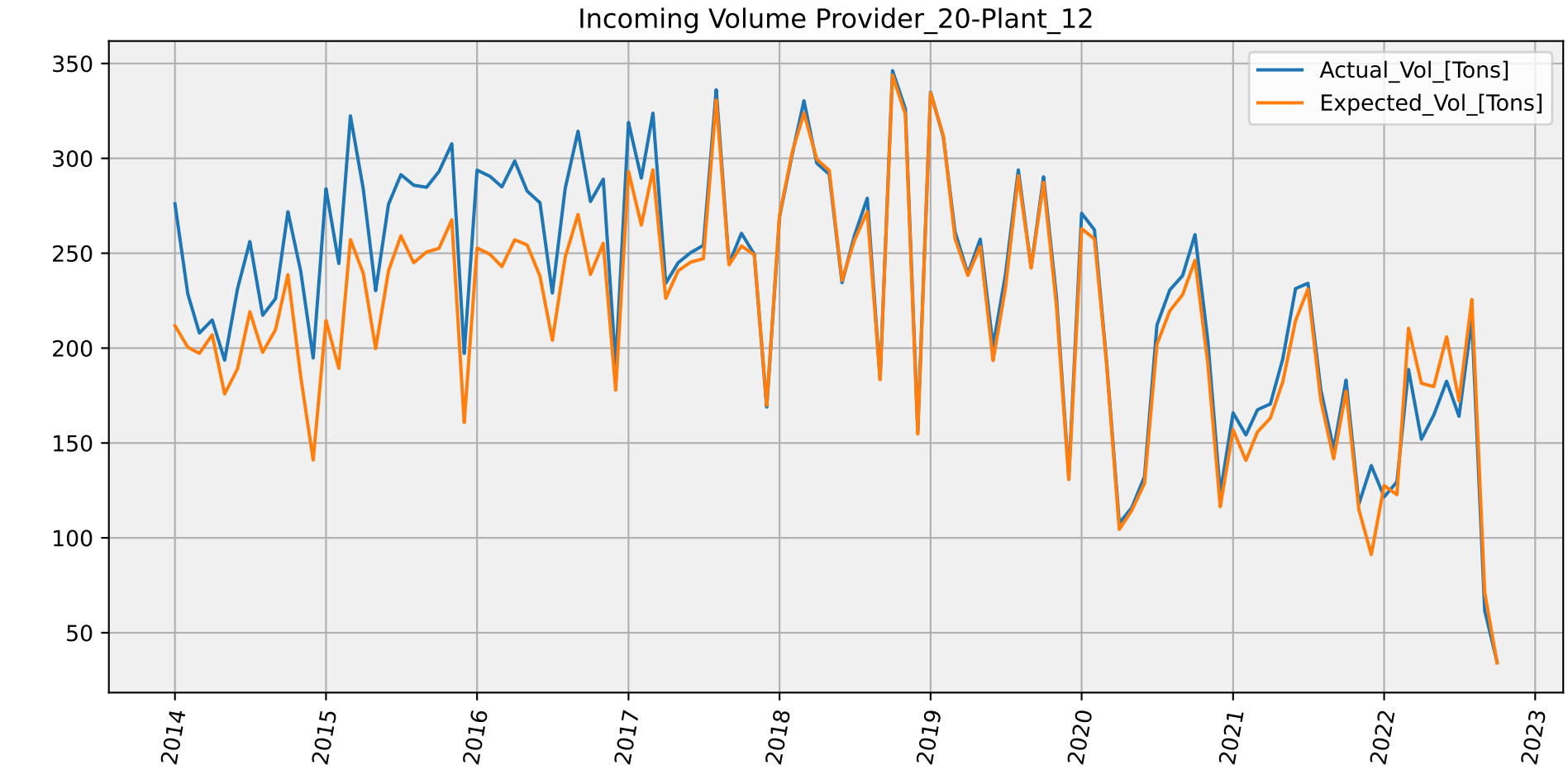

Production Level Plant_10
Production
7000
6000
5000
4000
3000
2000
1000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

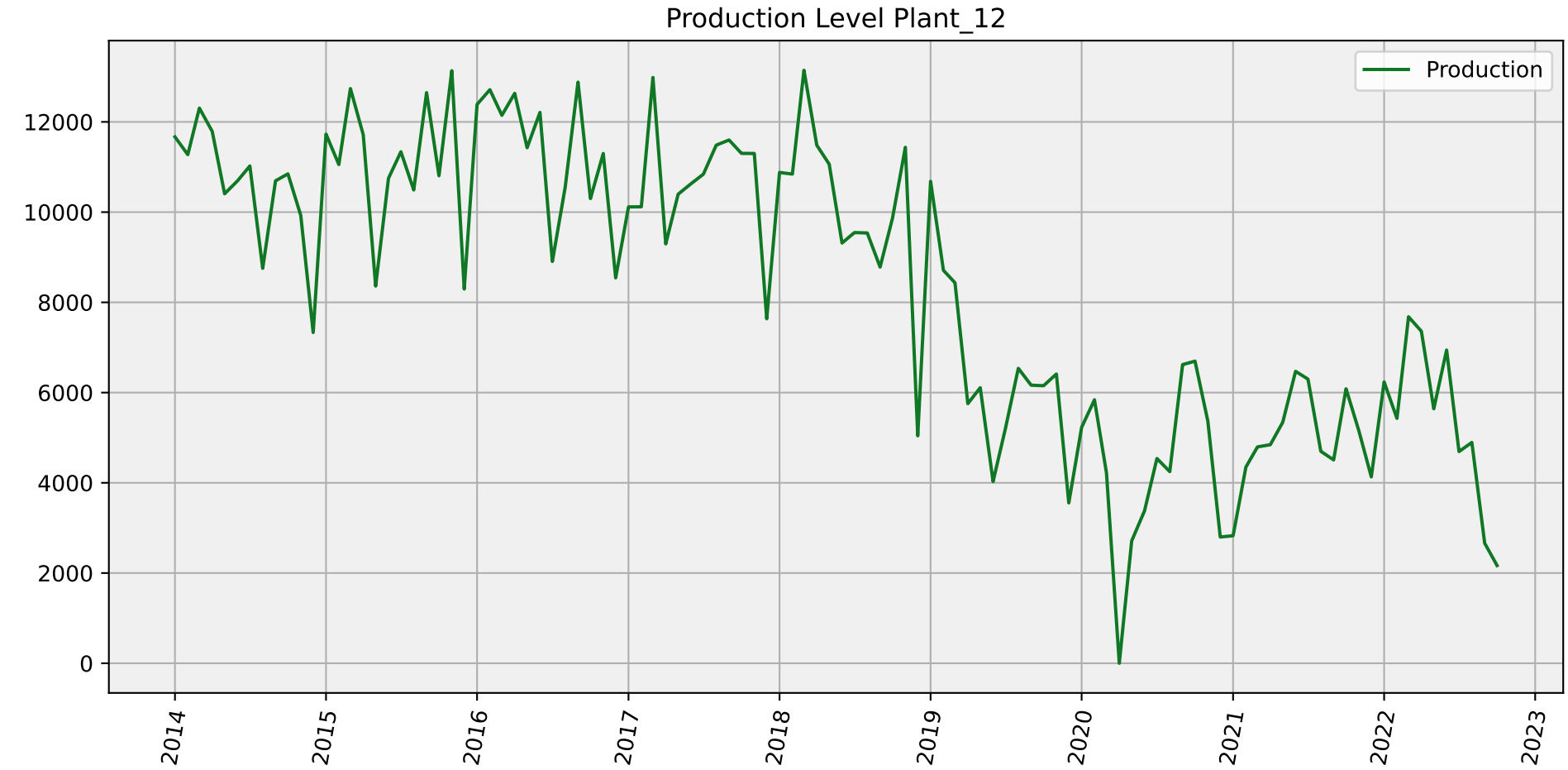

Volume/Production Ratio Provider_20-Plant_10
Vol/Prod_ratio_kg
55
50
45
40
35
30
25
20
15
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

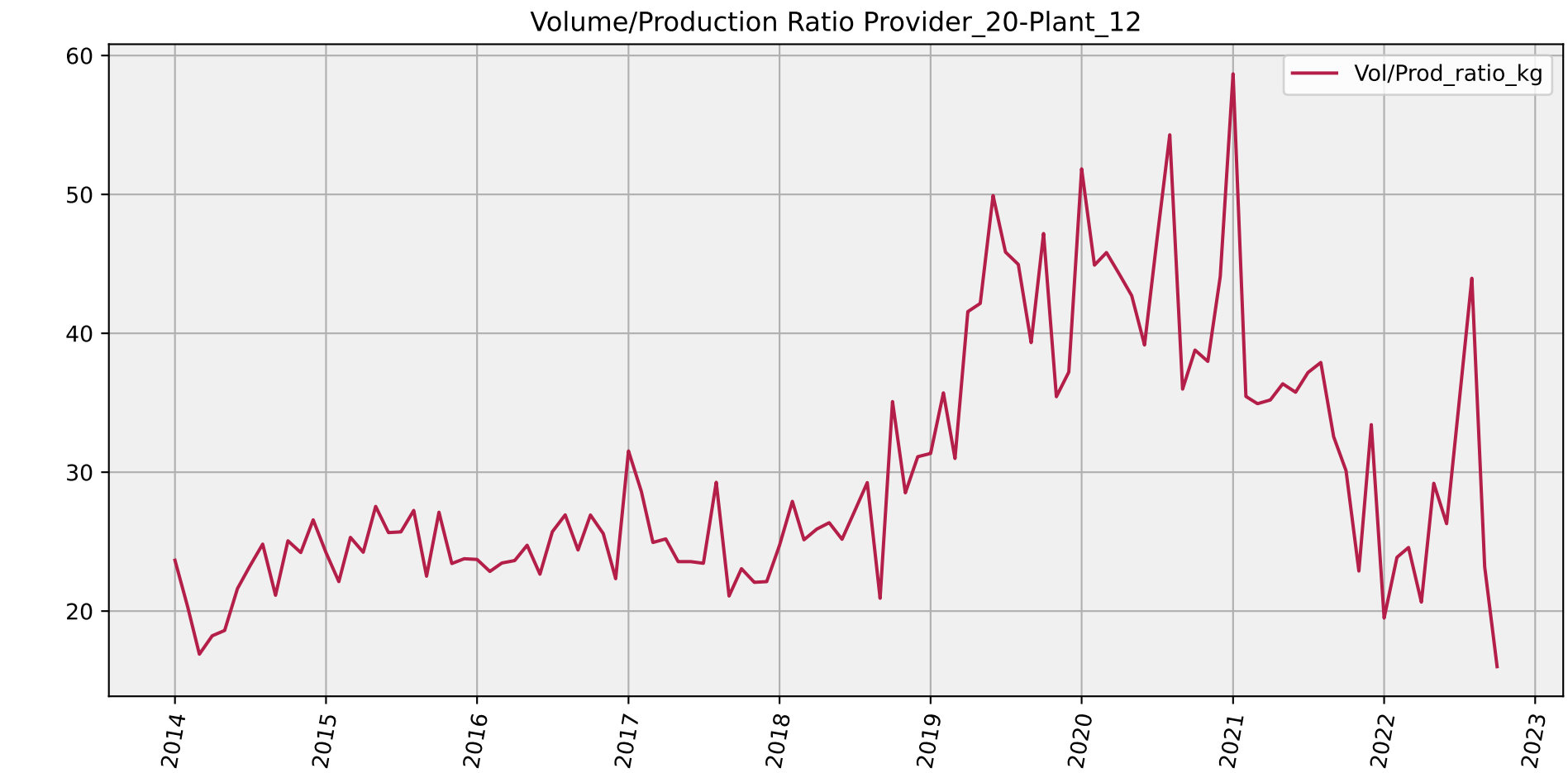

Incoming Volume Provider_20-Plant_11
Actual_Vol_[Tons]
Expected_Vol_[Tons]
700
600
500
400
300
200
100
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

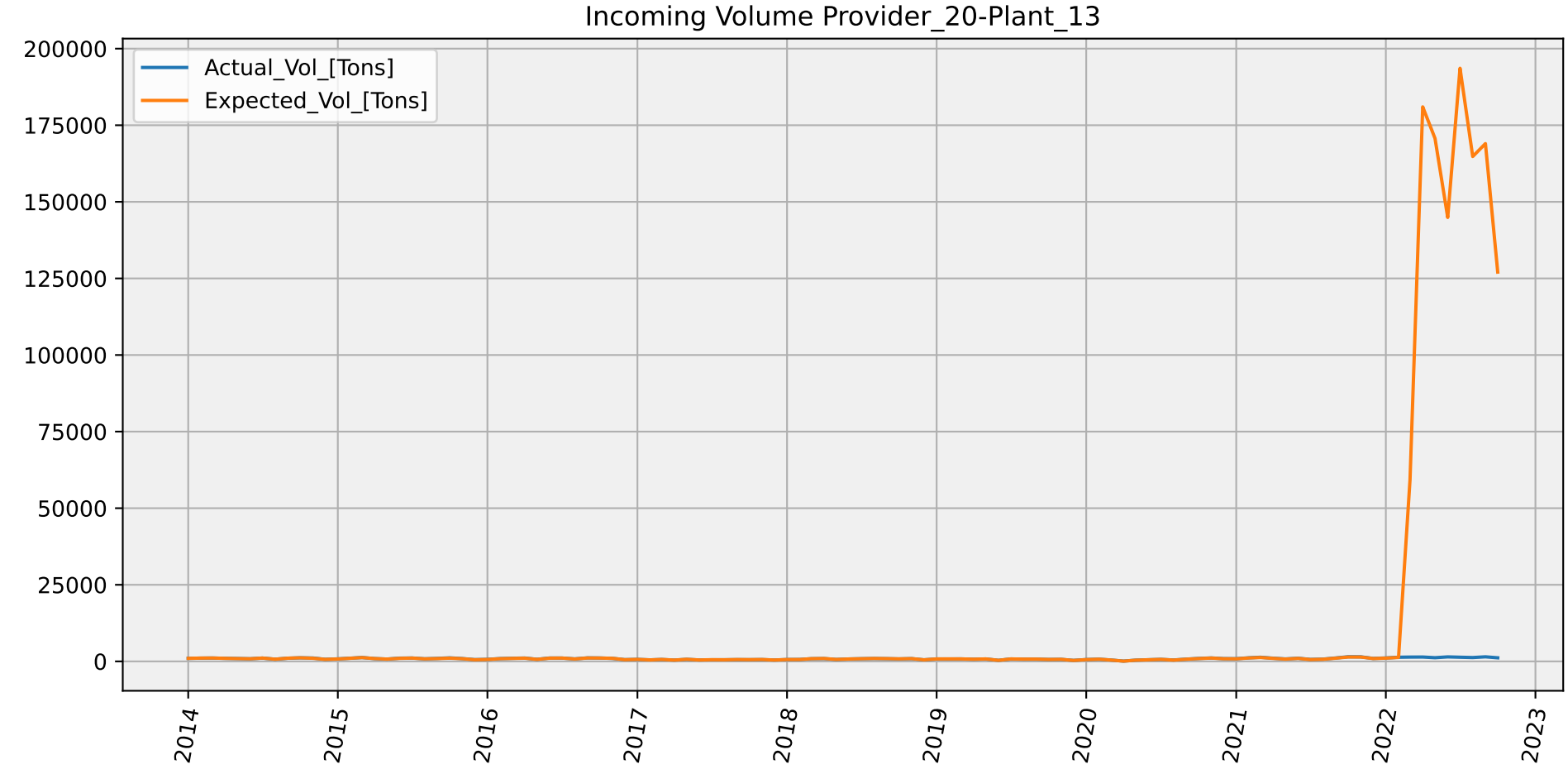

Production Level Plant_11
Production
17500
15000
12500
10000
7500
5000
2500
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

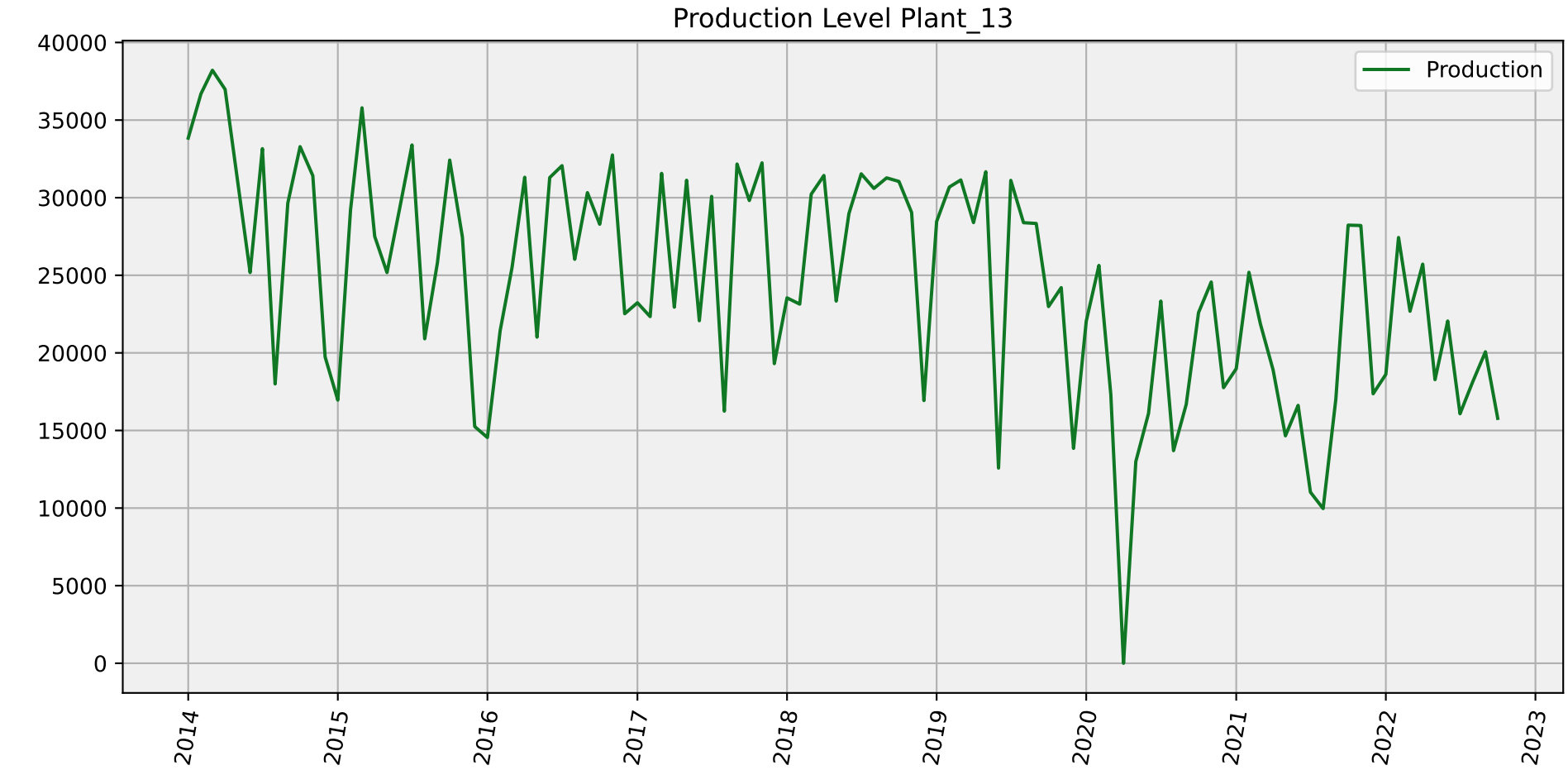

Volume/Production Ratio Provider_20-Plant_11
Vol/Prod_ratio_kg
40
30
20
10
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

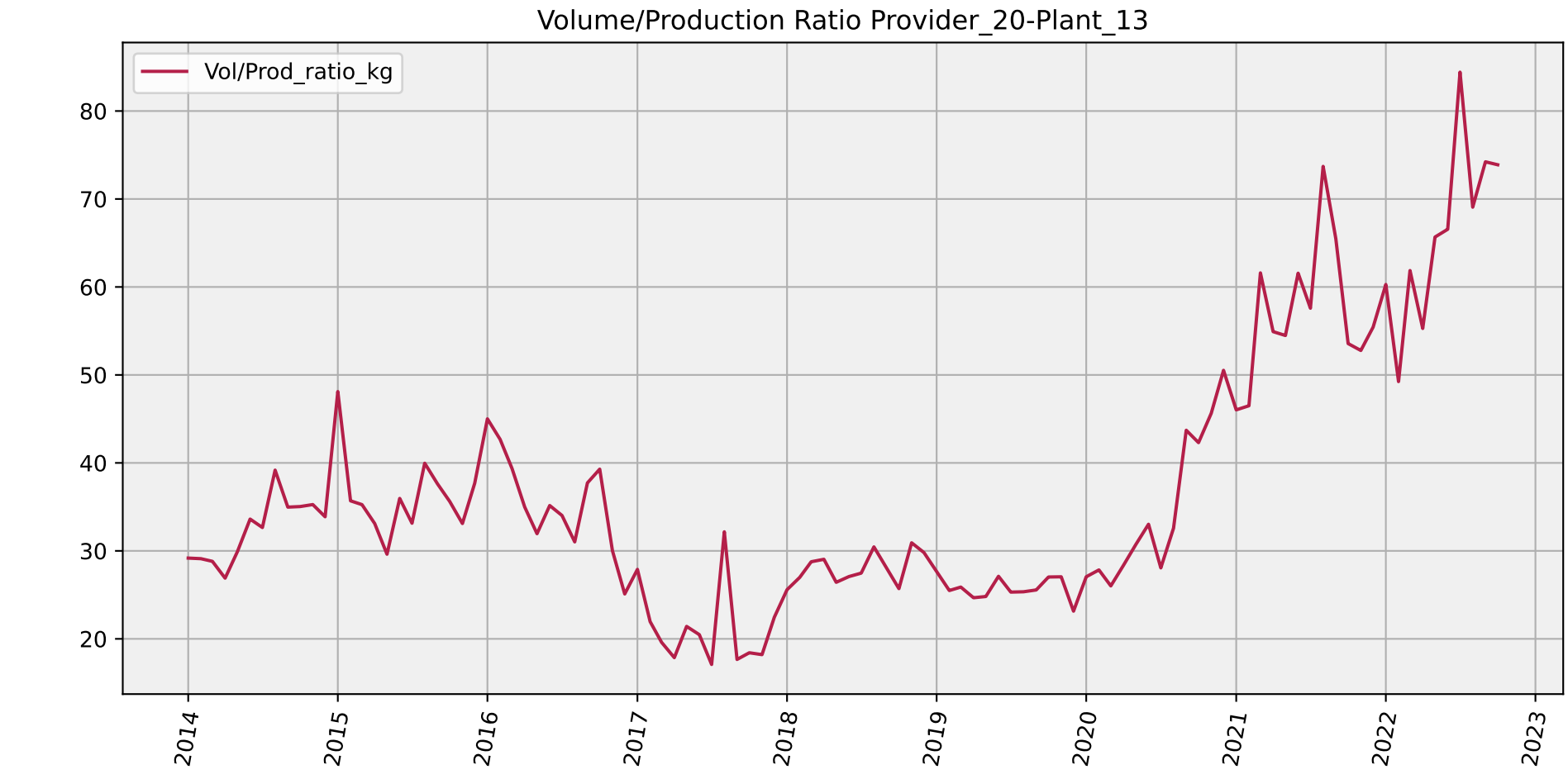

Incoming Volume Provider_20-Plant_12
Actual_Vol_[Tons]
Expected_Vol_[Tons]
350
300
250
200
150
100
50
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Production Level Plant_12
Production
12000
10000
8000
6000
4000
2000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

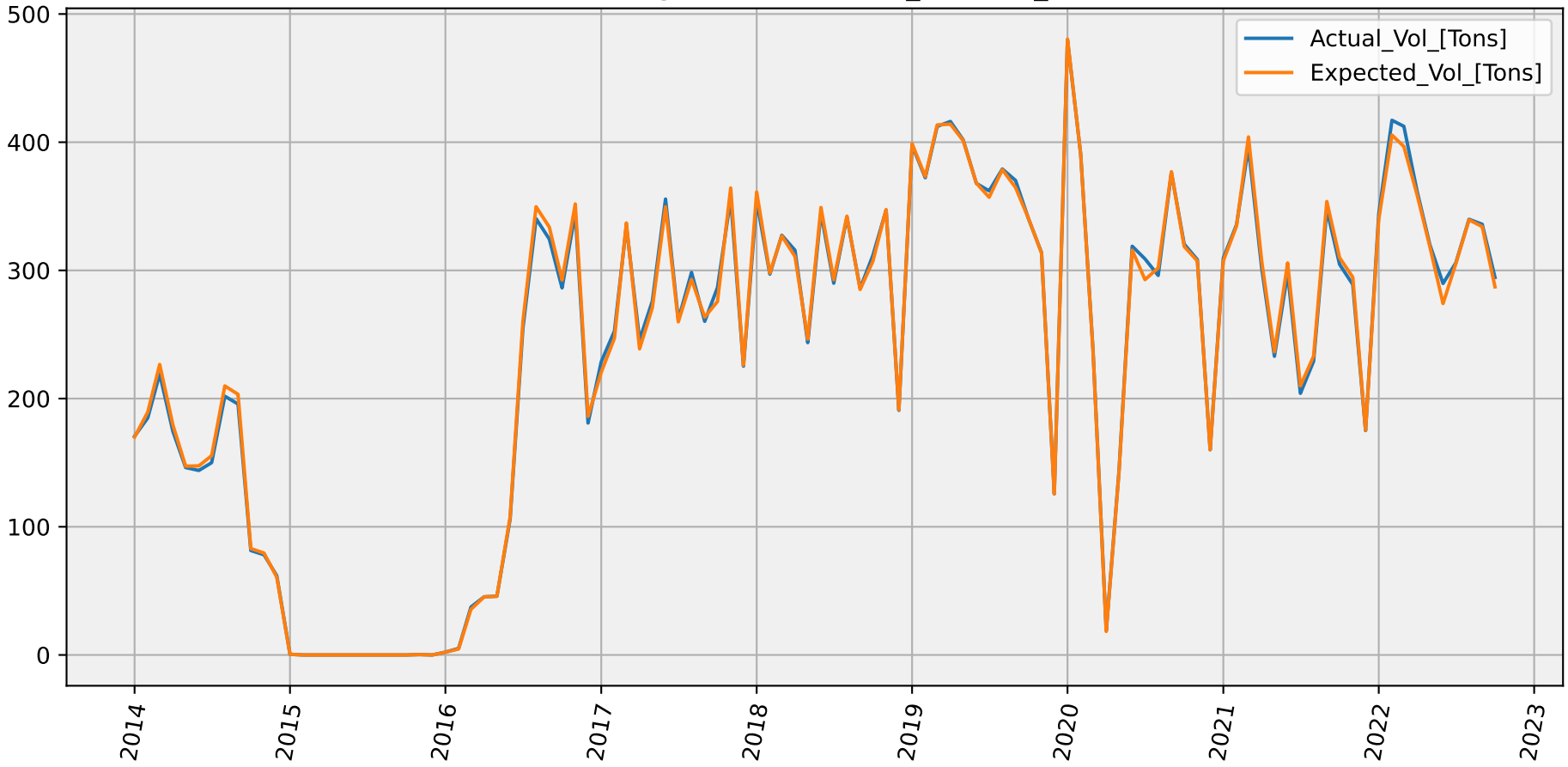

Volume/Production Ratio Provider_20-Plant_12
Vol/Prod_ratio_kg
60
50
40
30
20
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Incoming Volume Provider_20-Plant_13
Actual_Vol_[Tons]
Expected_Vol_[Tons]
200000
175000
150000
125000
100000
75000
50000
25000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

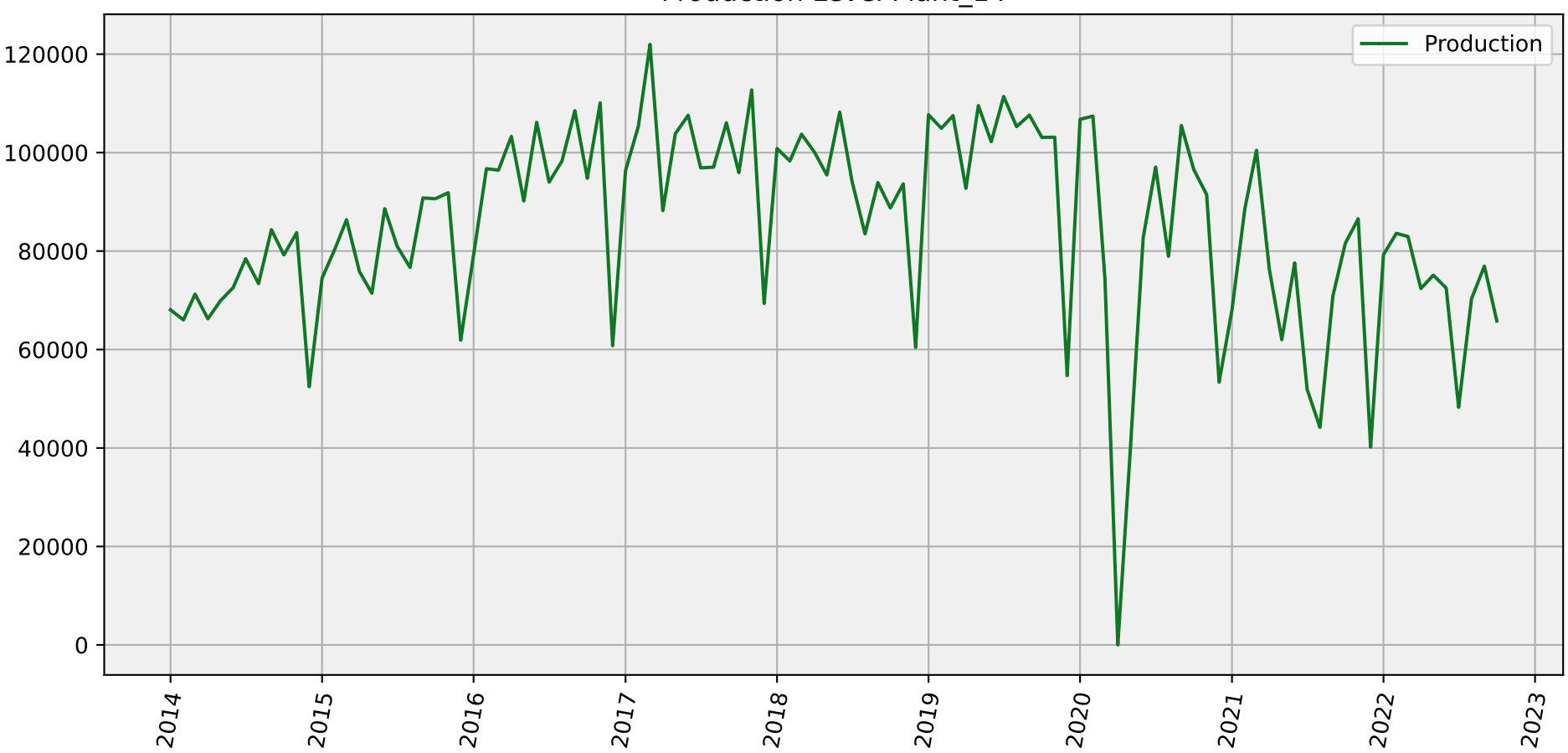

Production Level Plant_13
Production
40000
35000
30000
25000
20000
15000
10000
5000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_20-Plant_13
Vol/Prod_ratio_kg
80
70
60
50
40
30
20
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

Incoming Volume Provider_20-Plant_14

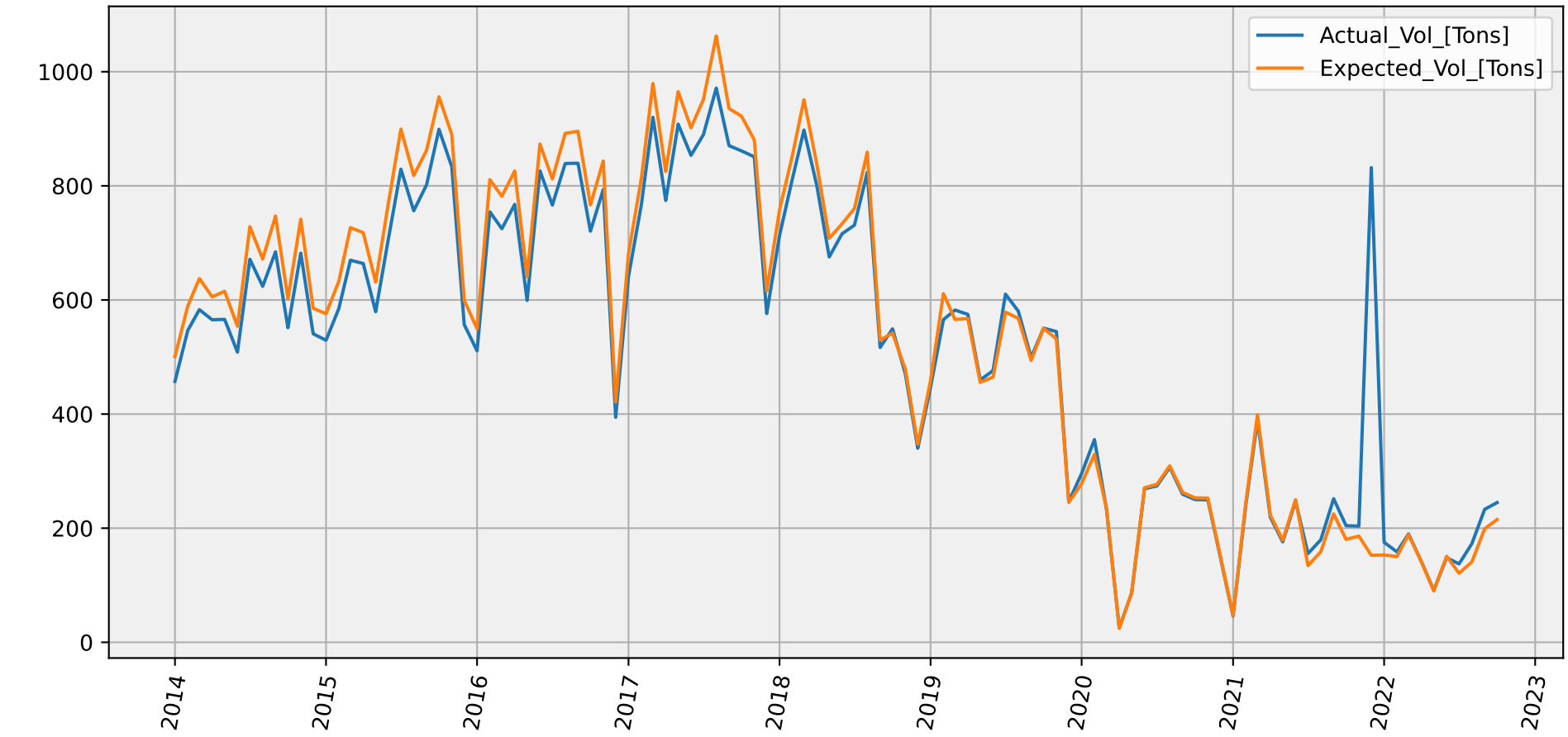


Production Level Plant_14

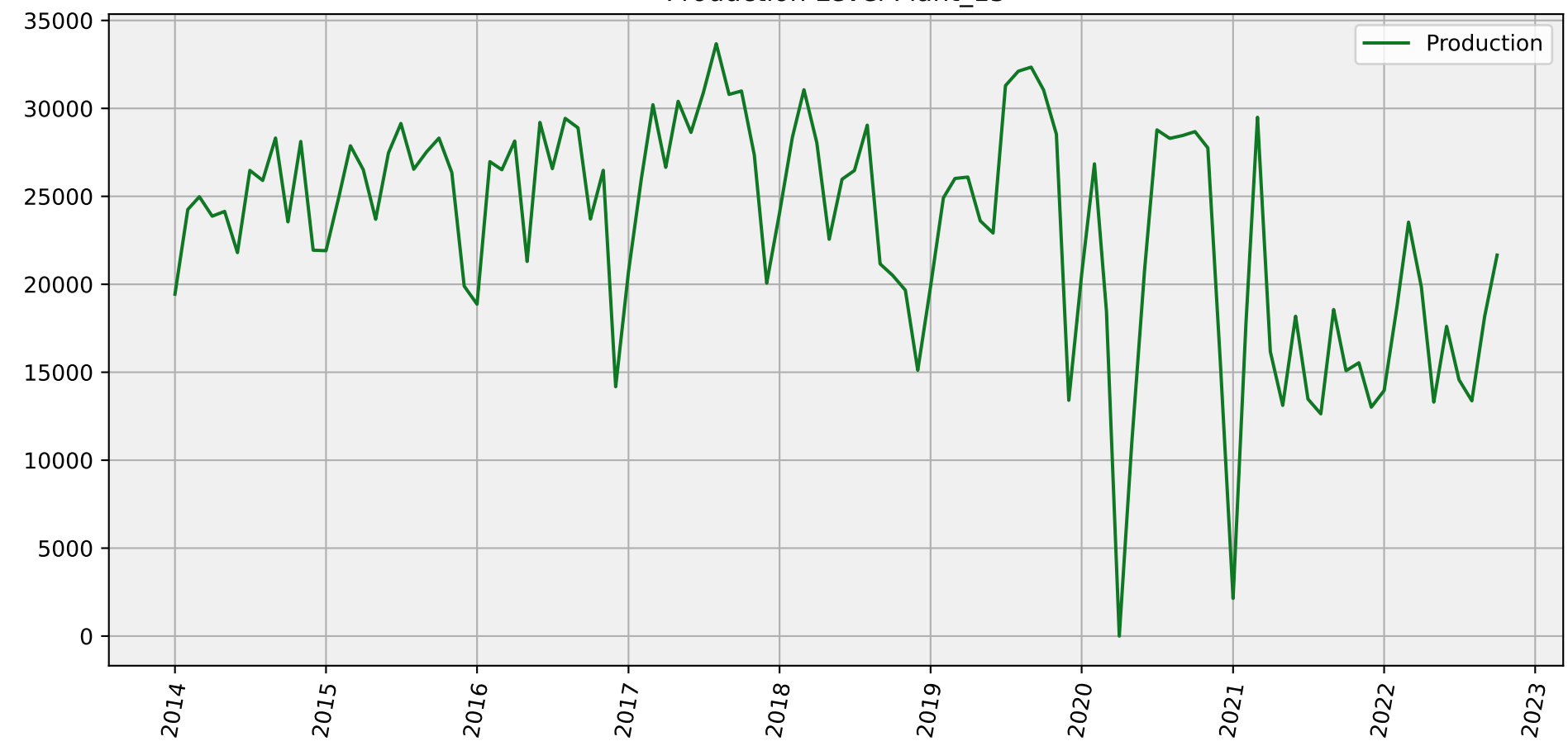


Volume/Production Ratio Provider_20-Plant_14

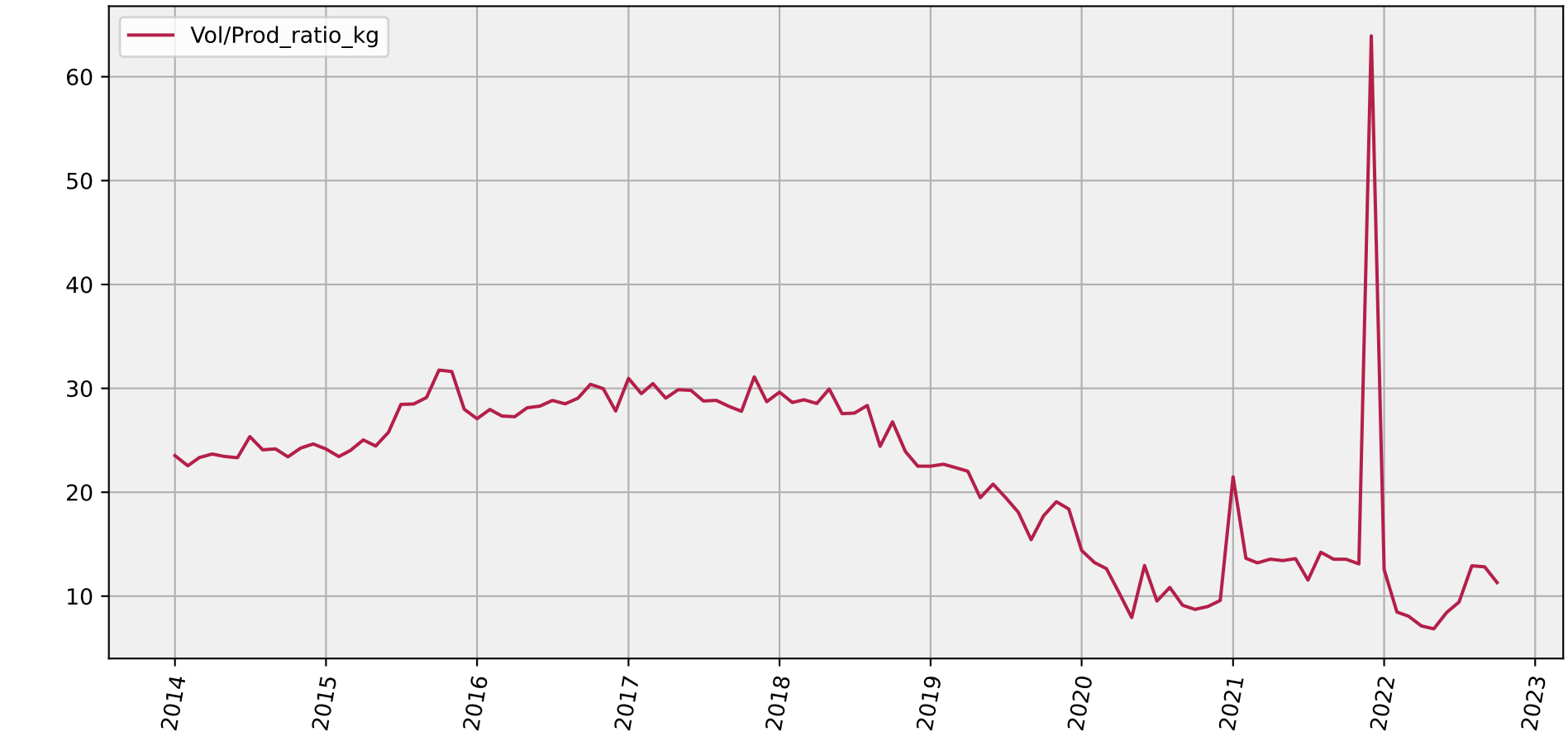
Incoming Volume Provider_20-Plant_15

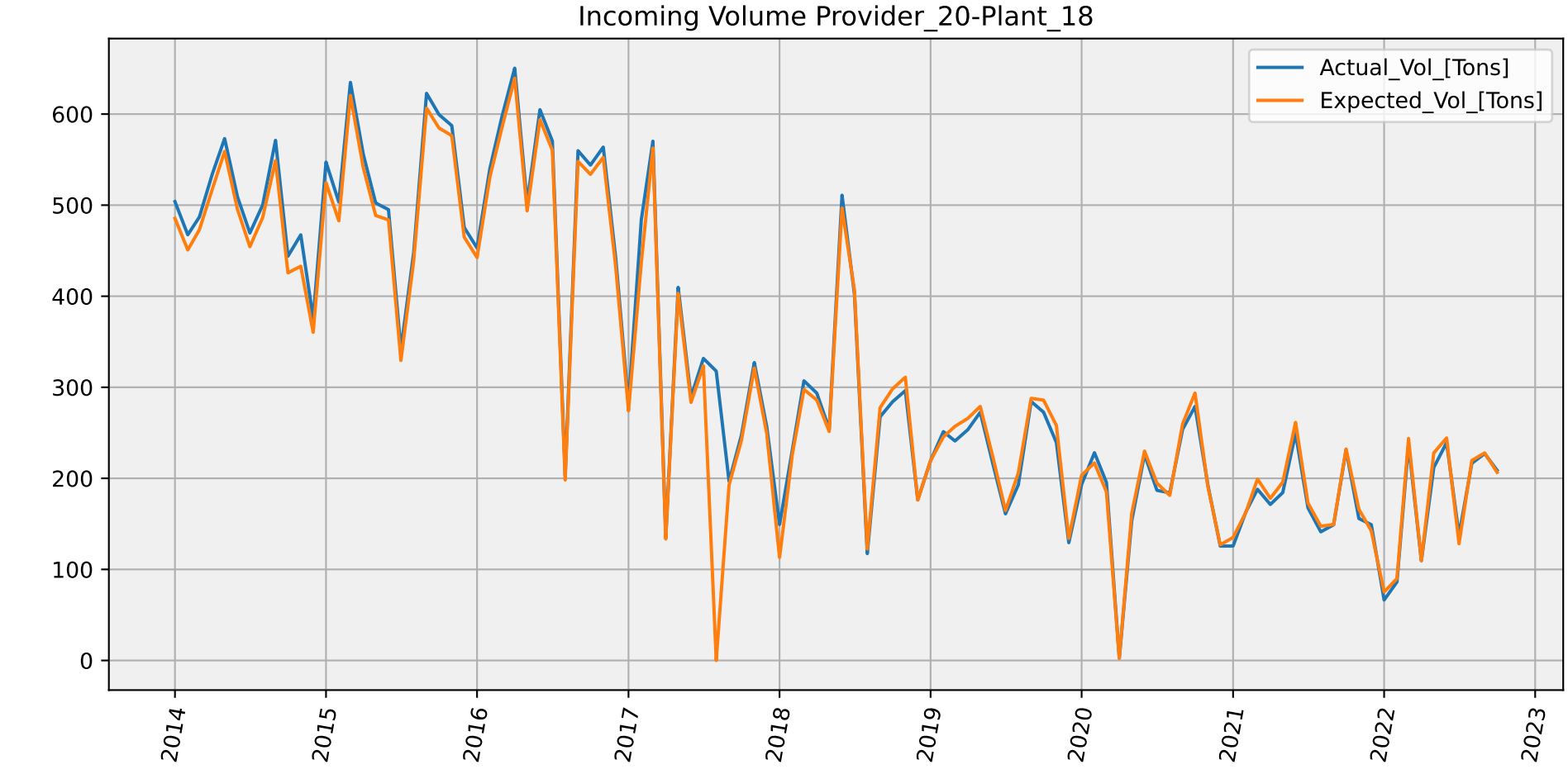


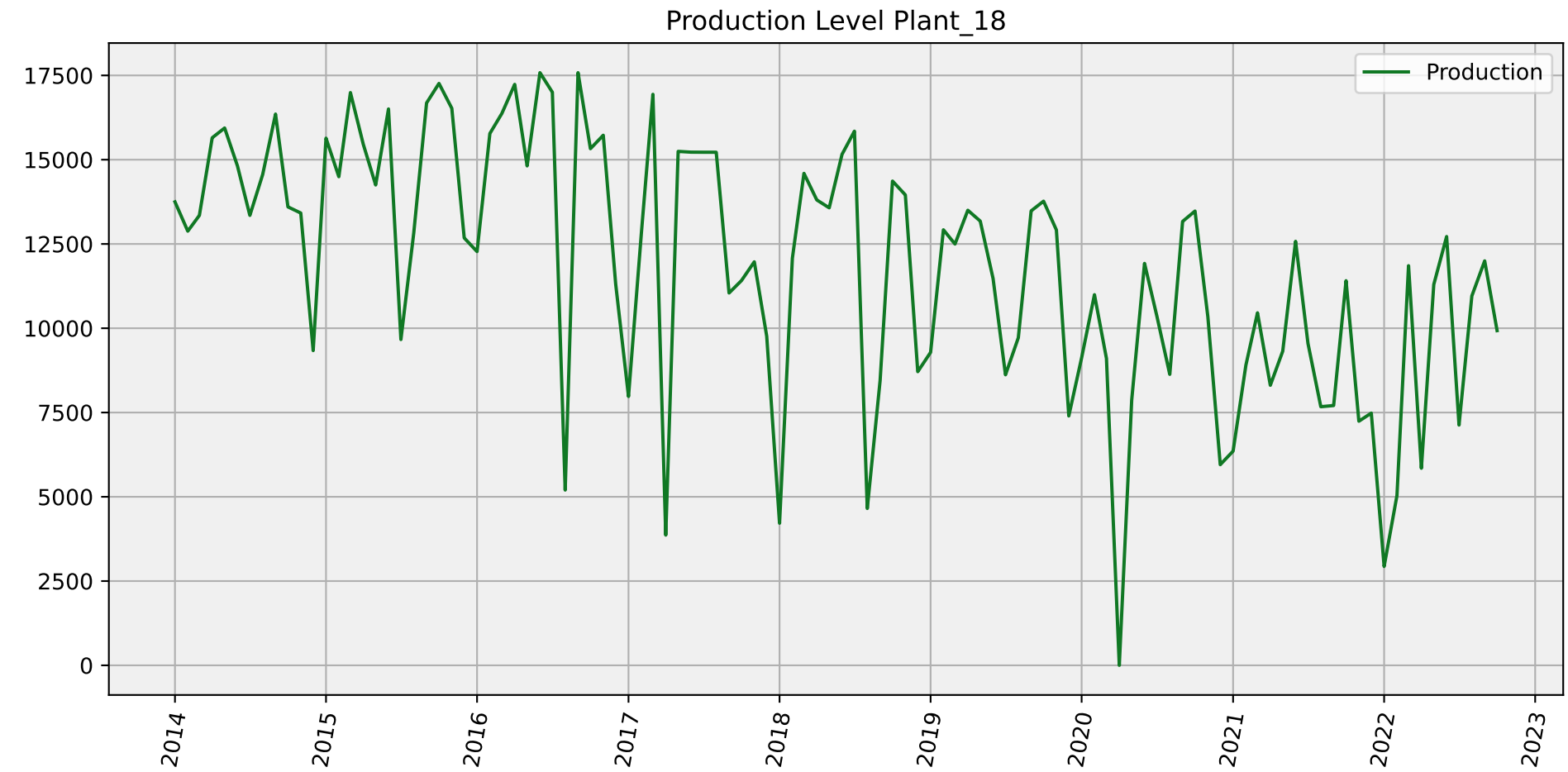
Production Level Plant_15

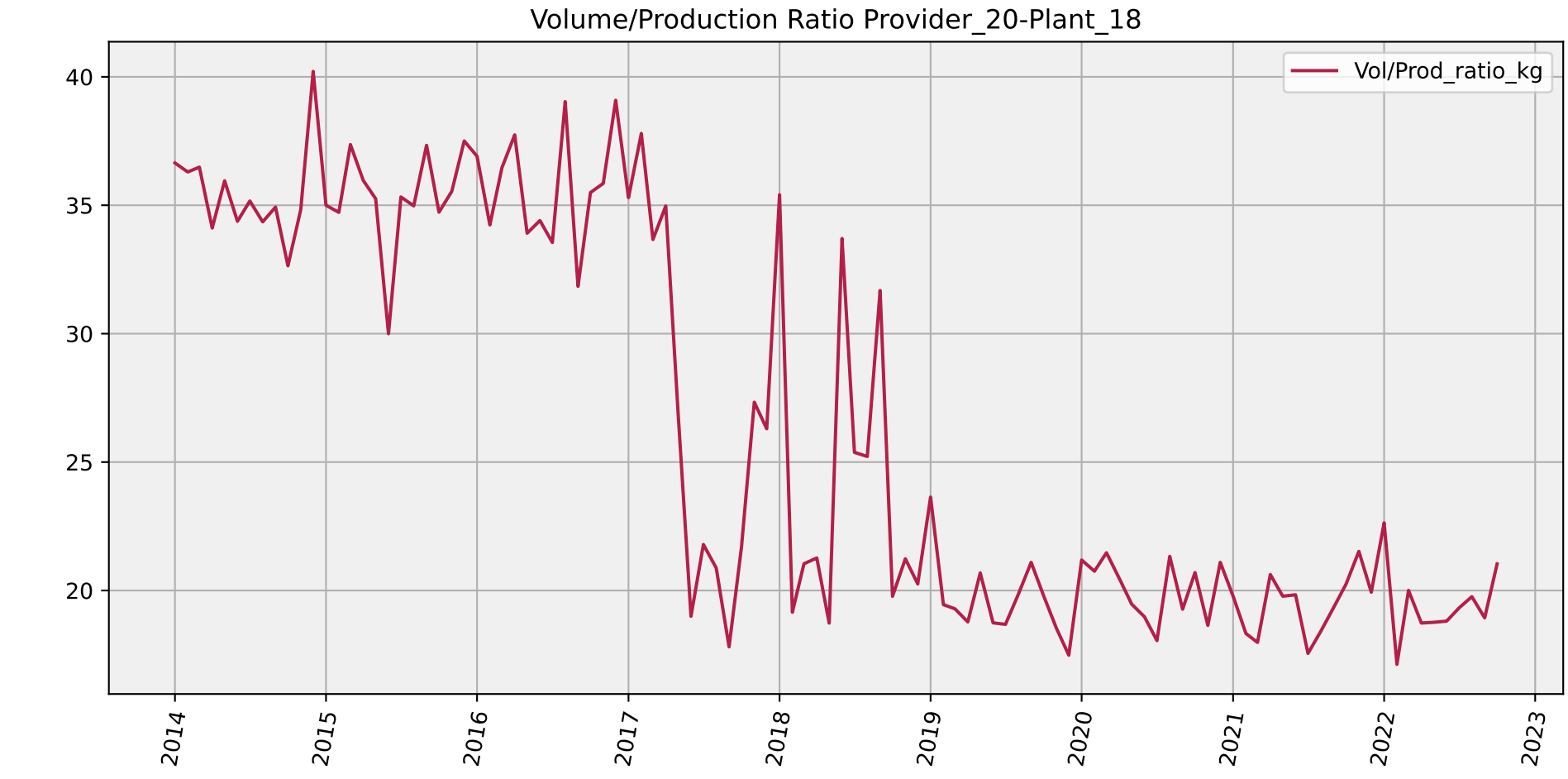


Volume/Production Ratio Provider_20-Plant_15

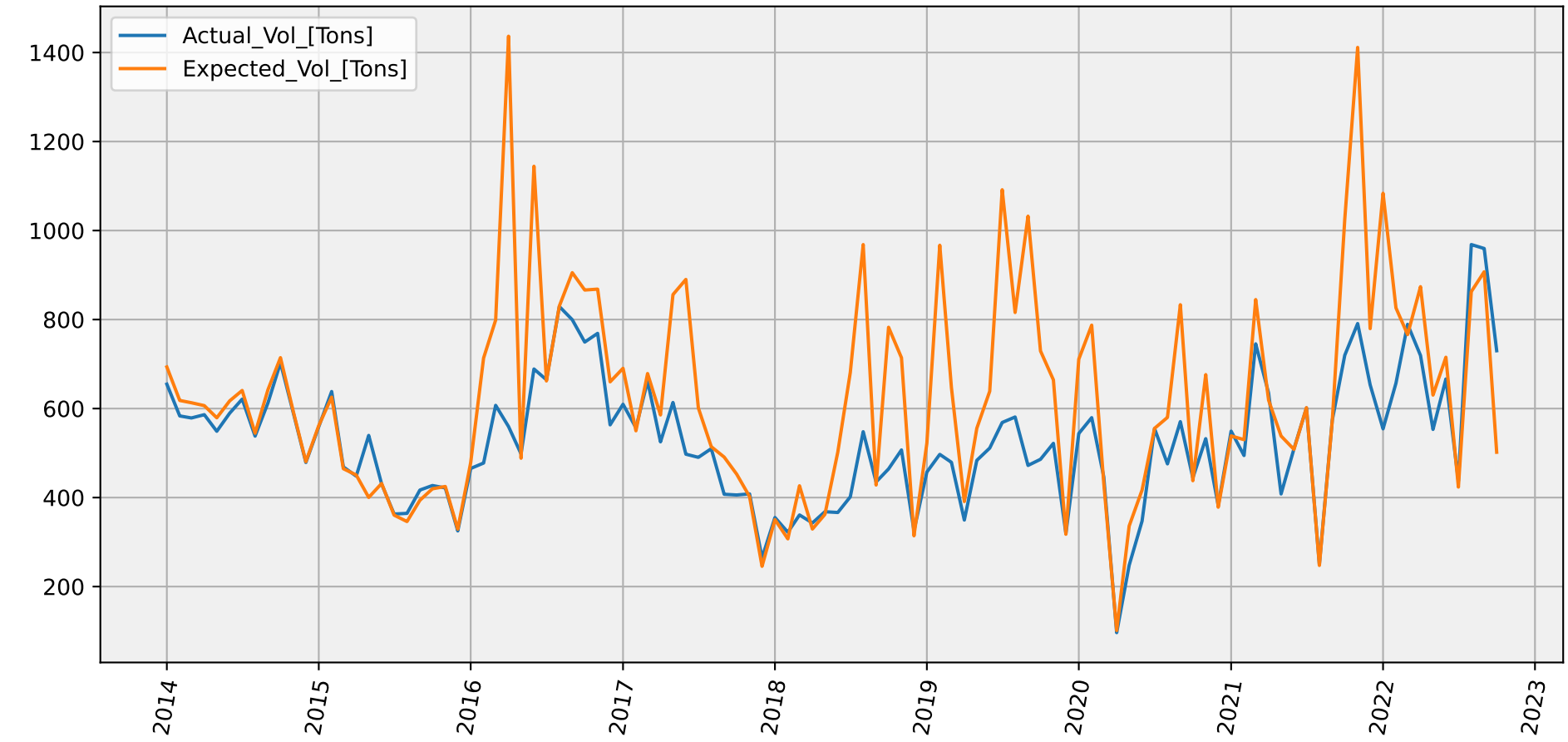



Incoming Volume Provider_20-Plant_18
Actual_Vol_[Tons]
Expected_Vol_[Tons]
600
500
400
300
200
100
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

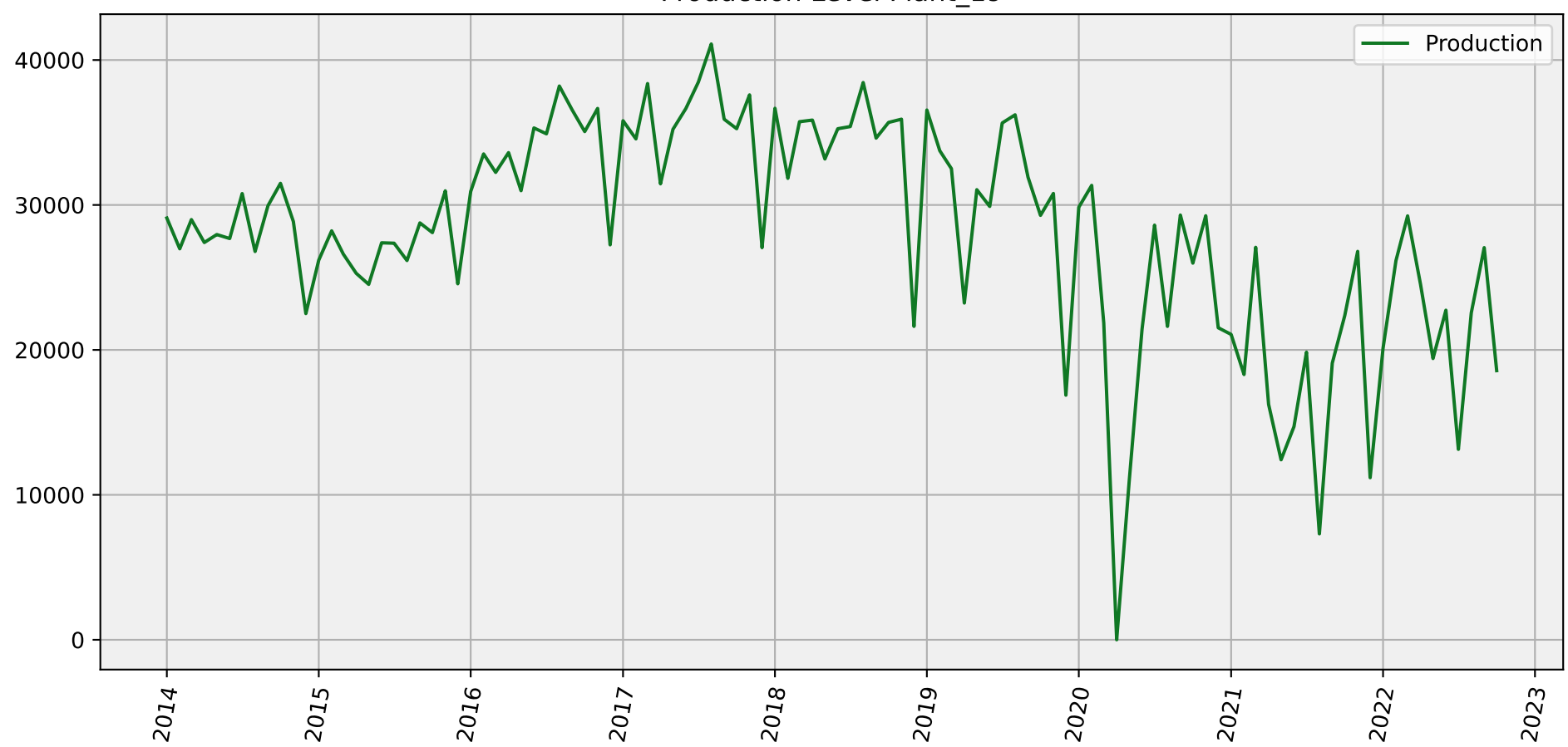

Production Level Plant_18
Production
17500
15000
12500
10000
7500
5000
2500
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_20-Plant_18
Vol/Prod_ratio_kg
40
35
30
25
20
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

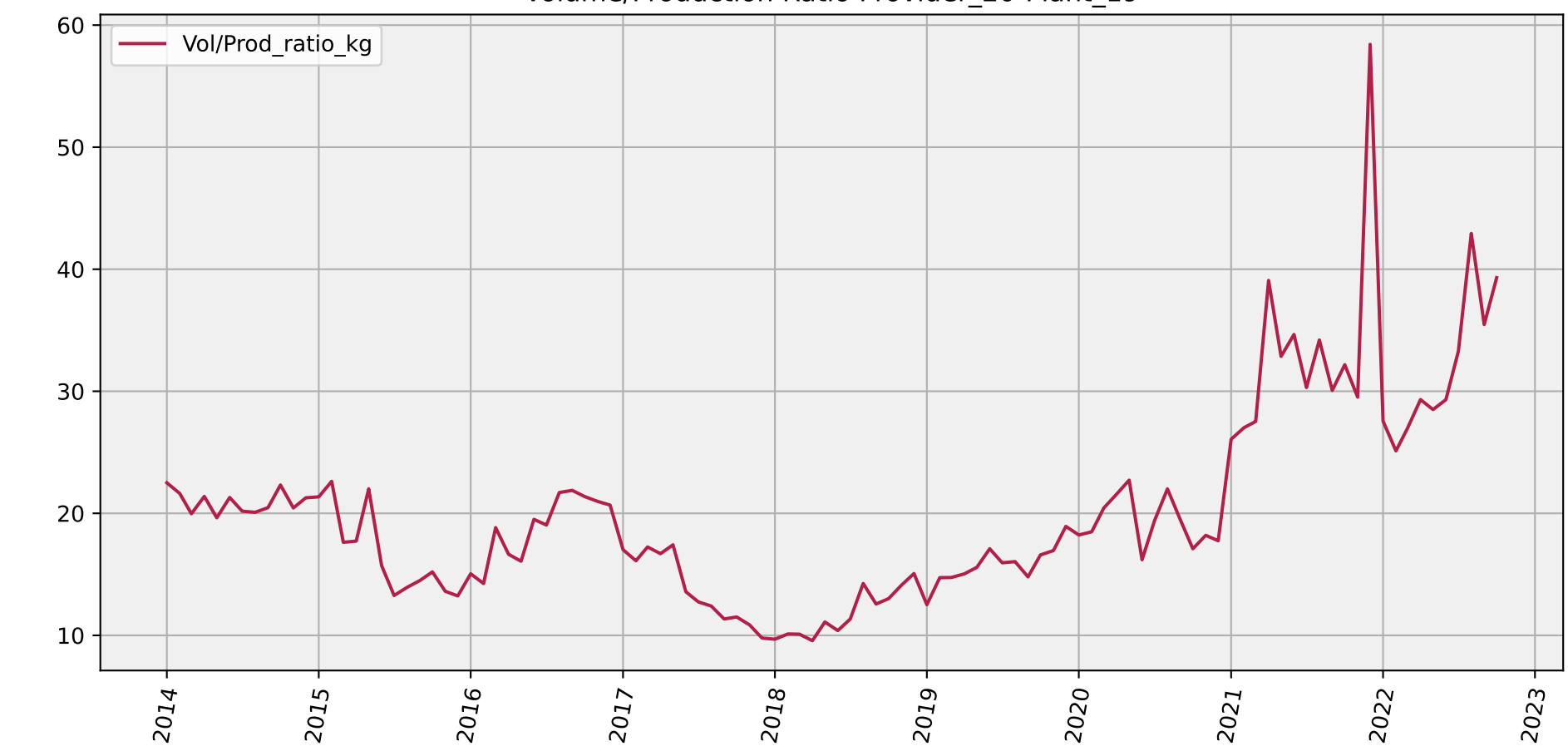
Incoming Volume Provider_20-Plant_19

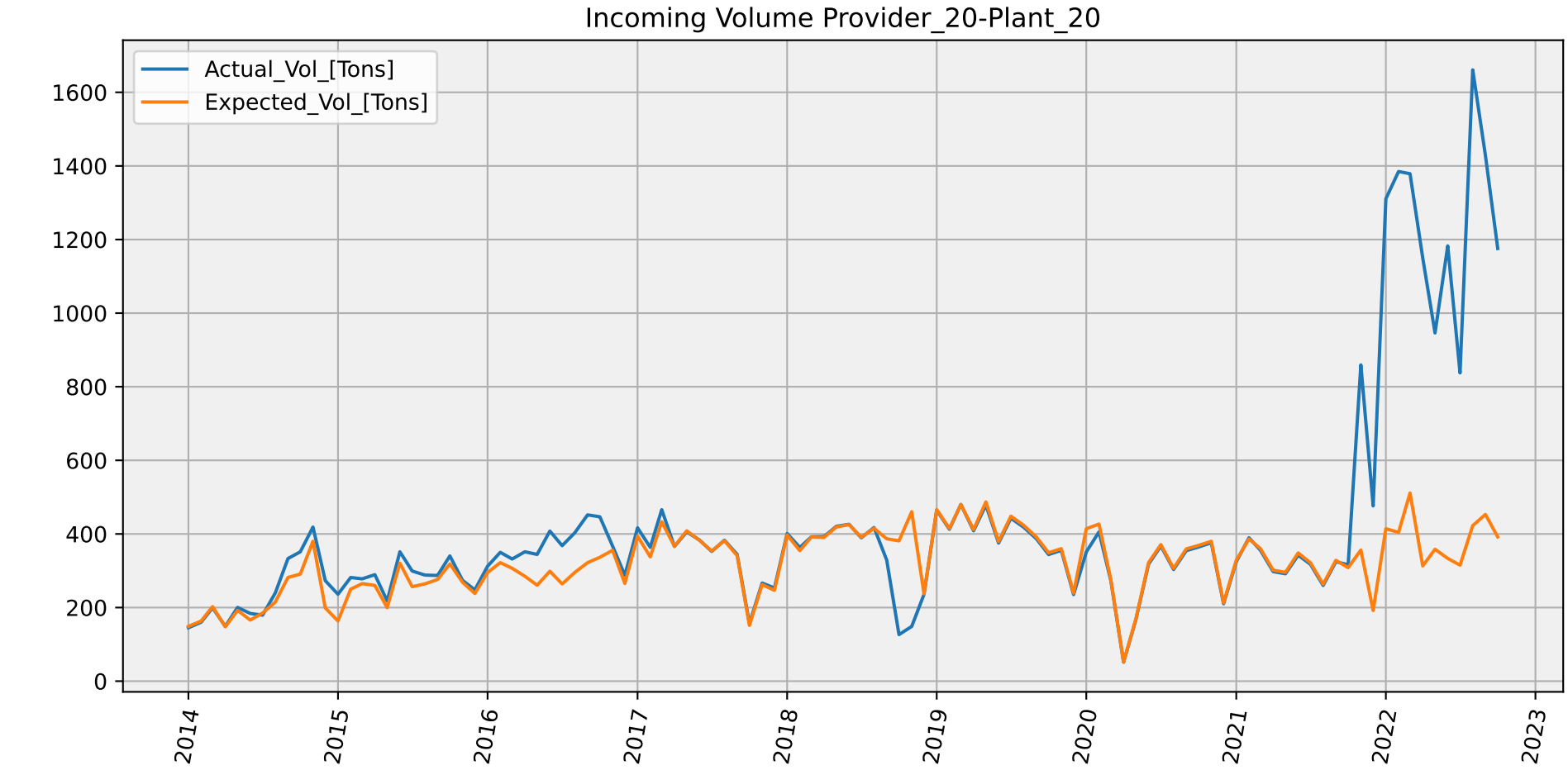


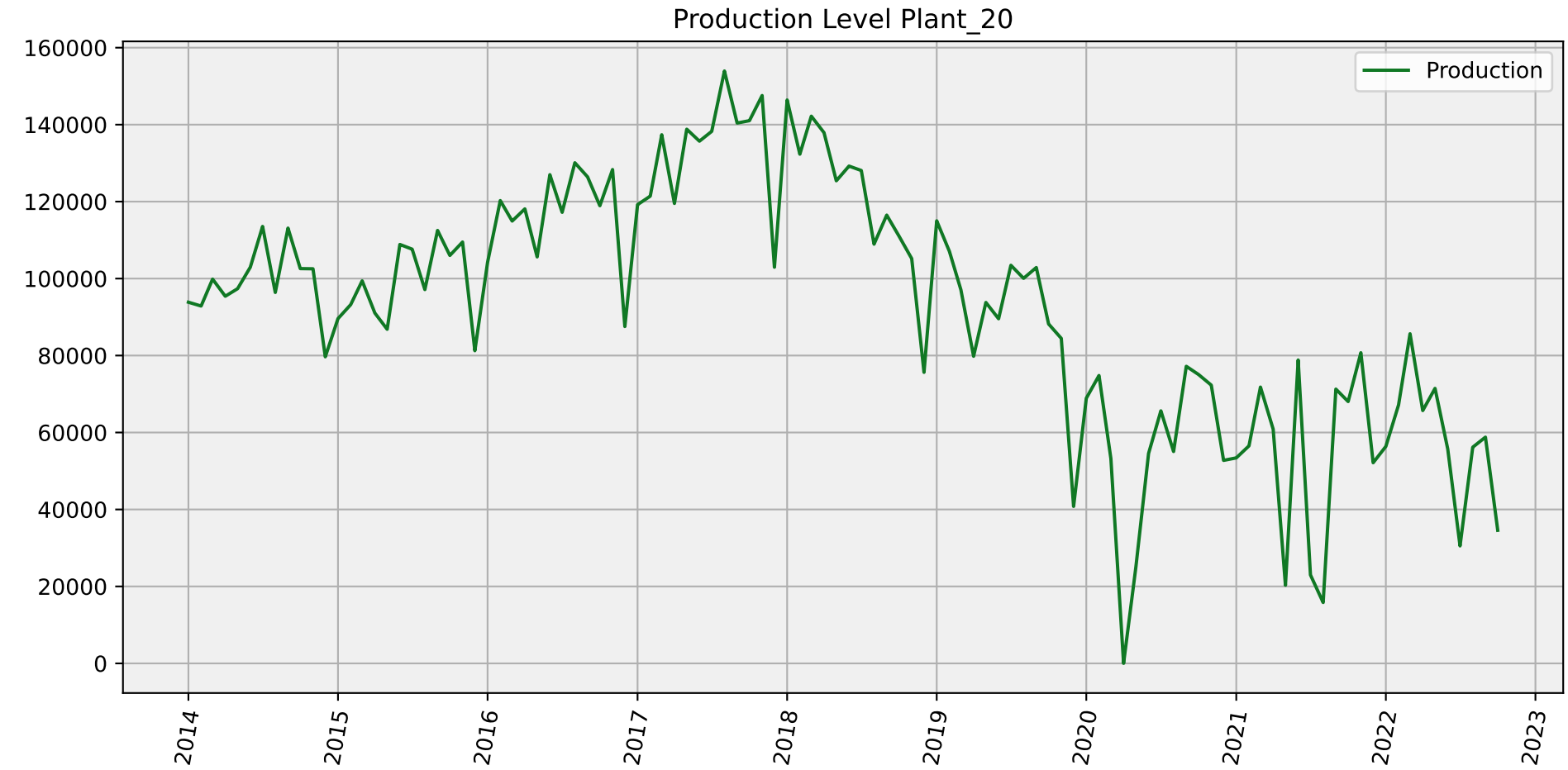
Production Level Plant_19

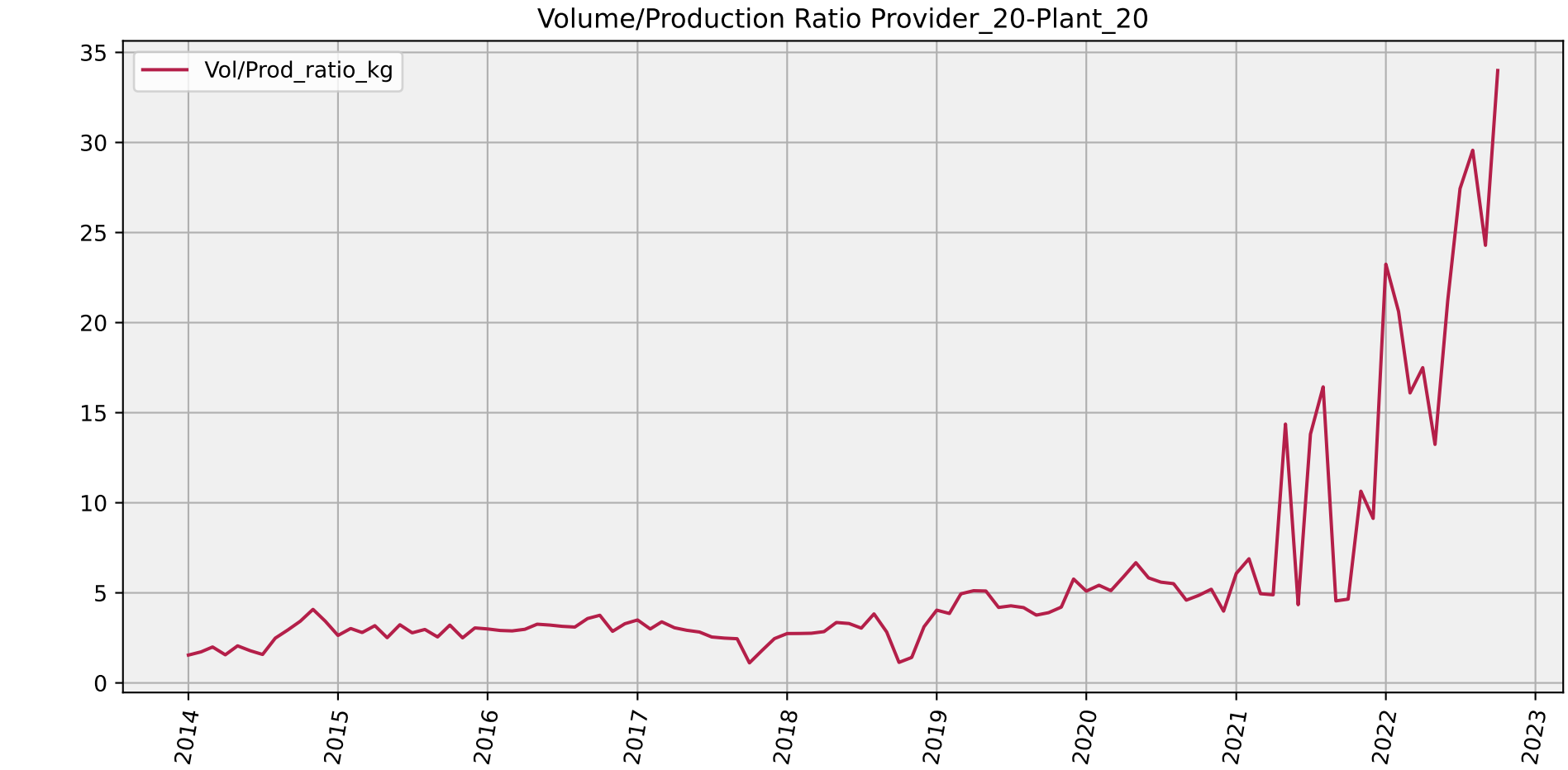


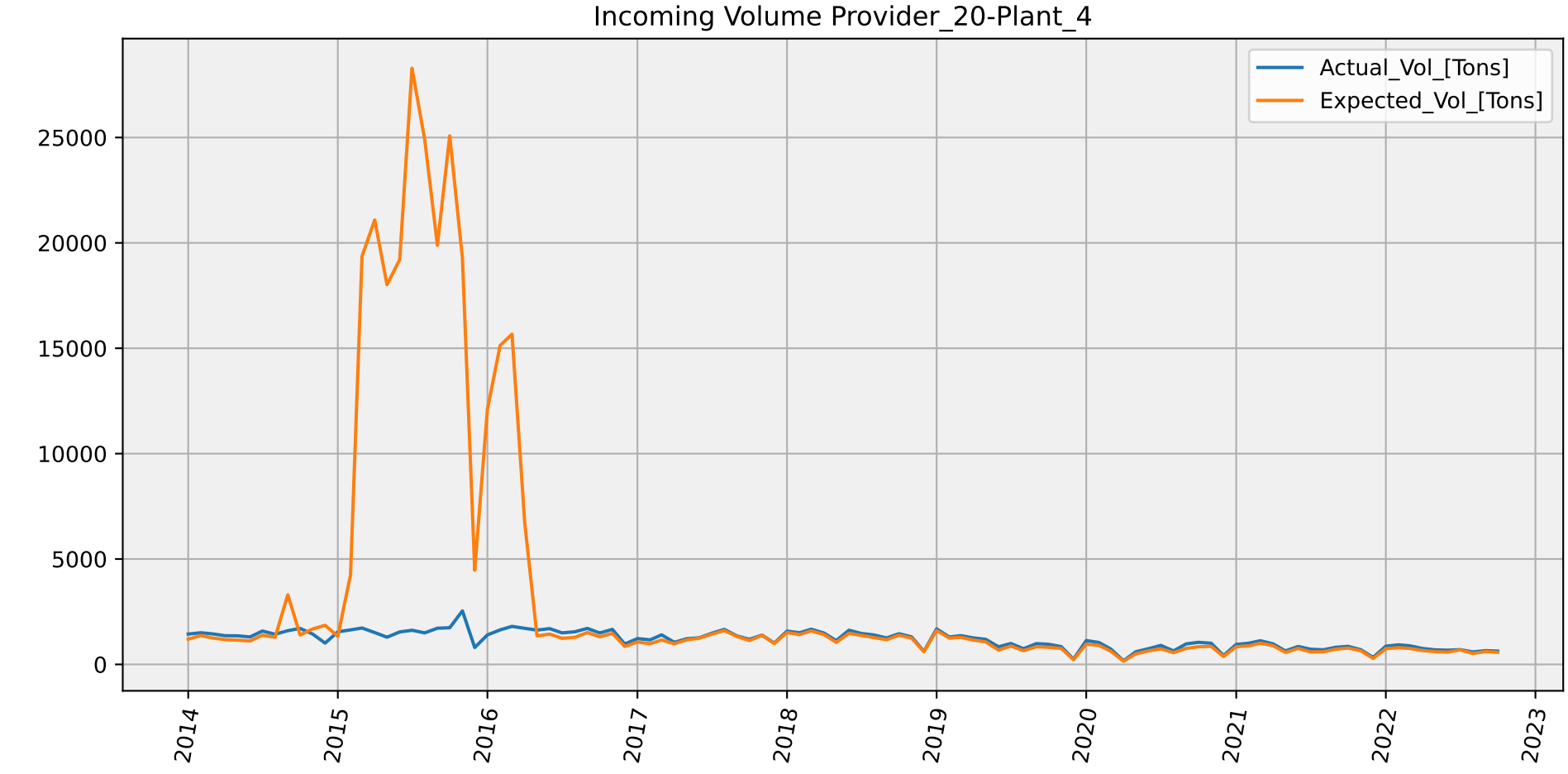
Volume/Production Ratio Provider_20-Plant_19

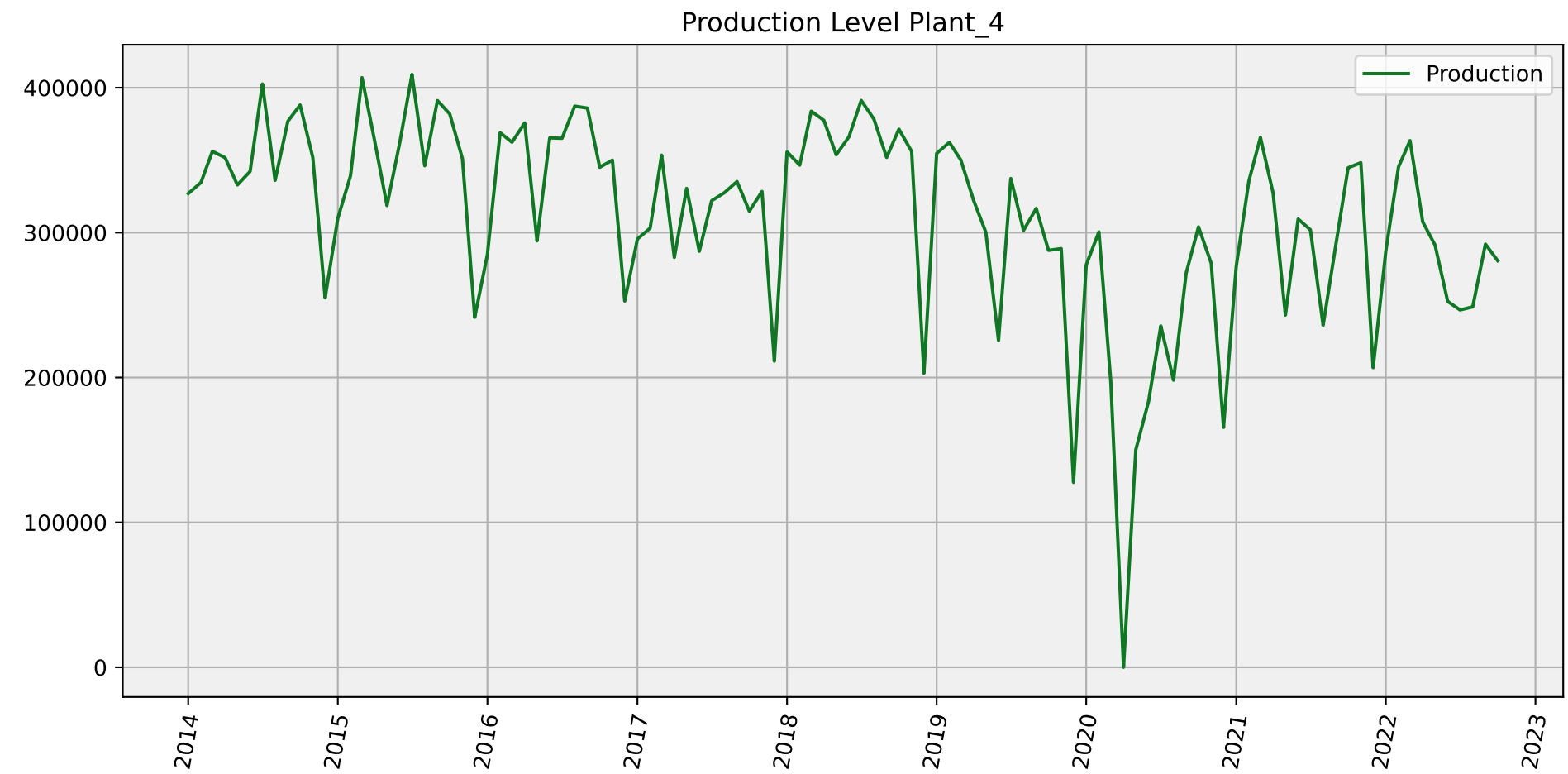


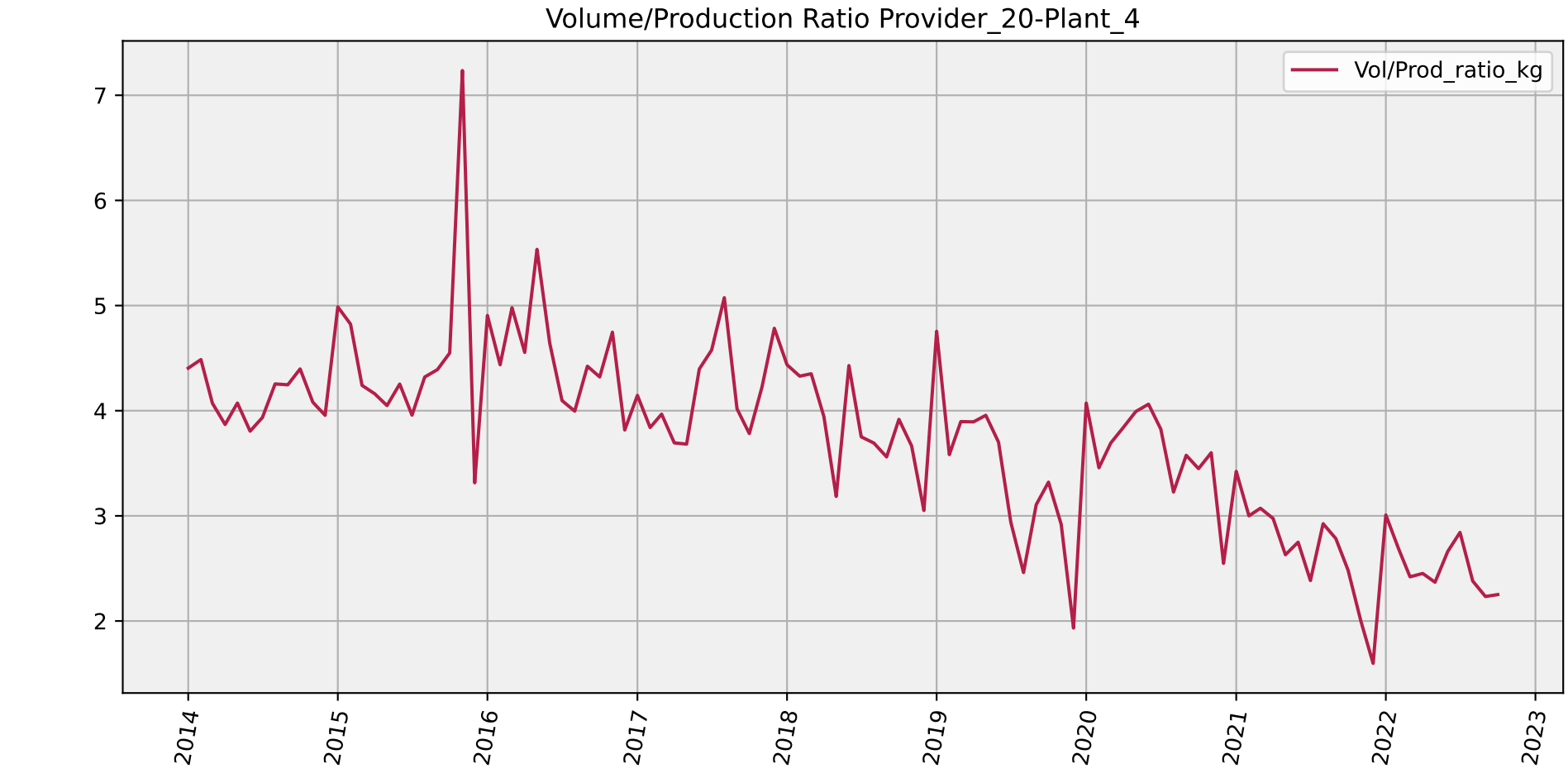

Incoming Volume Provider_20-Plant_20
Actual_Vol_[Tons]
Expected_Vol_[Tons]
0
200
400
600
800
1000
1200
1400
1600
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Production Level Plant_20
Production
0
20000
40000
60000
80000
100000
120000
140000
160000
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

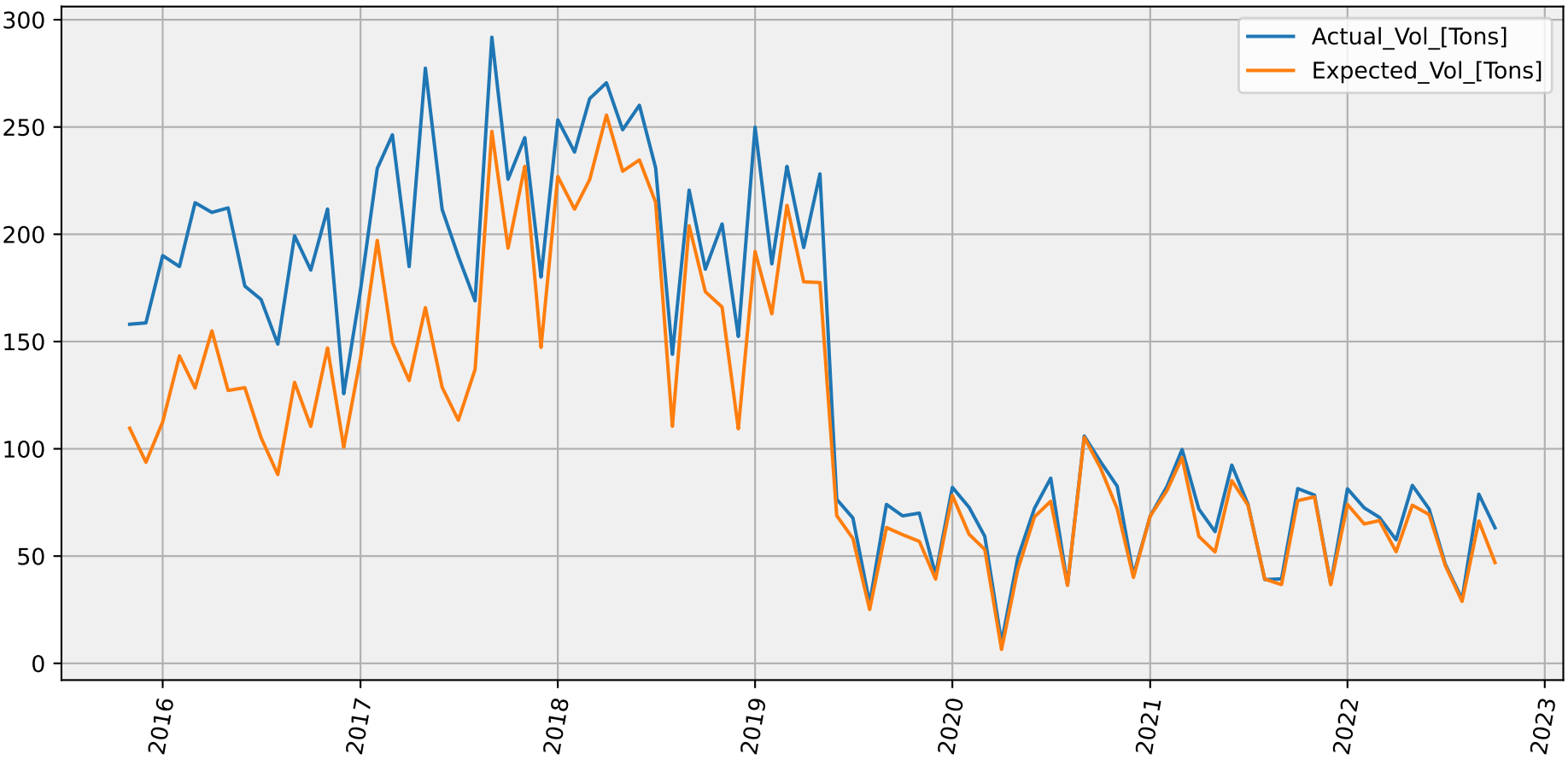

Volume/Production Ratio Provider_20-Plant_20
Vol/Prod_ratio_kg
0
5
10
15
20
25
30
35
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Incoming Volume Provider_20-Plant_4
Actual_Vol_[Tons]
Expected_Vol_[Tons]
25000
20000
15000
10000
5000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

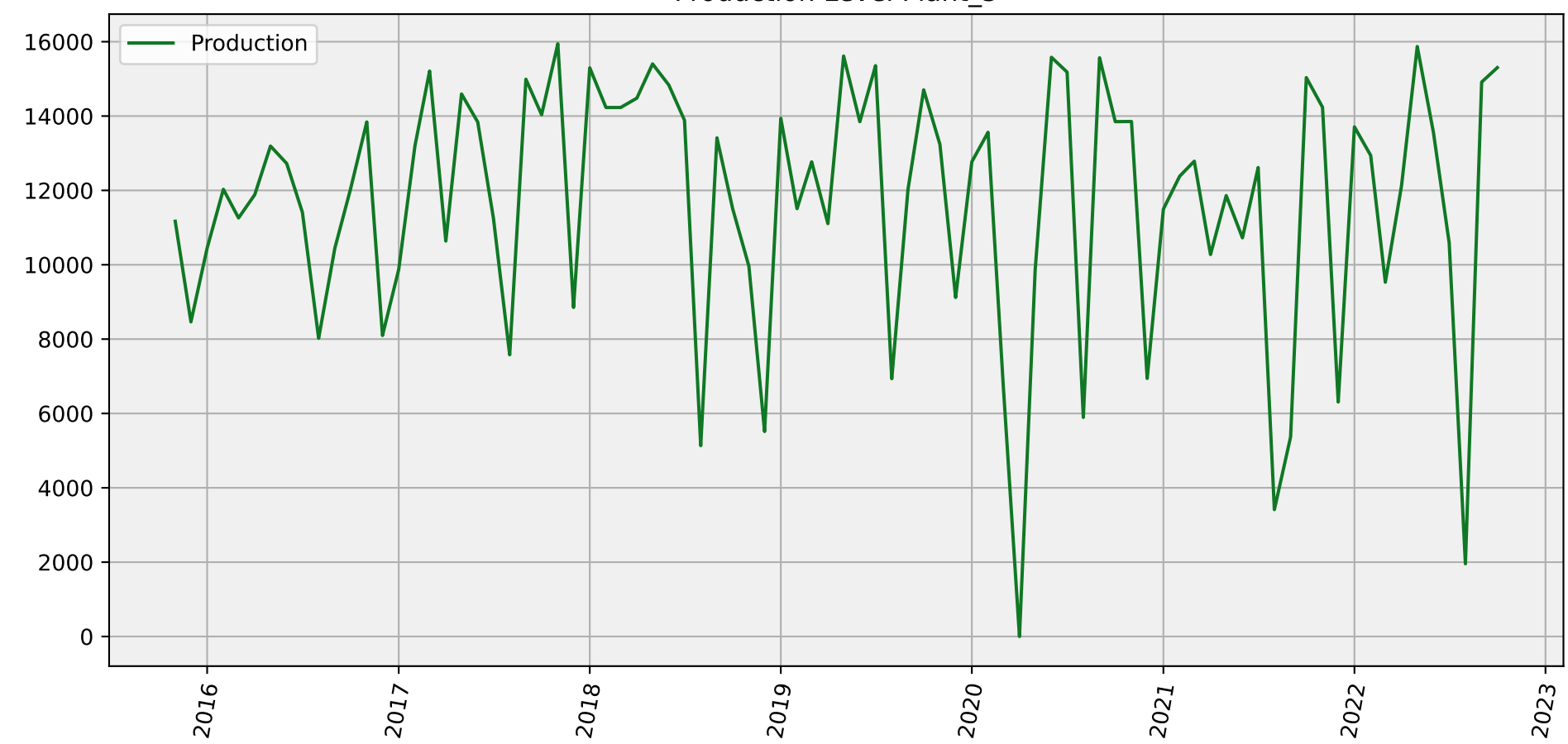

Production Level Plant_4
Production
400000
300000
200000
100000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_20-Plant_4
Vol/Prod_ratio_kg
7
6
5
4
3
2
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

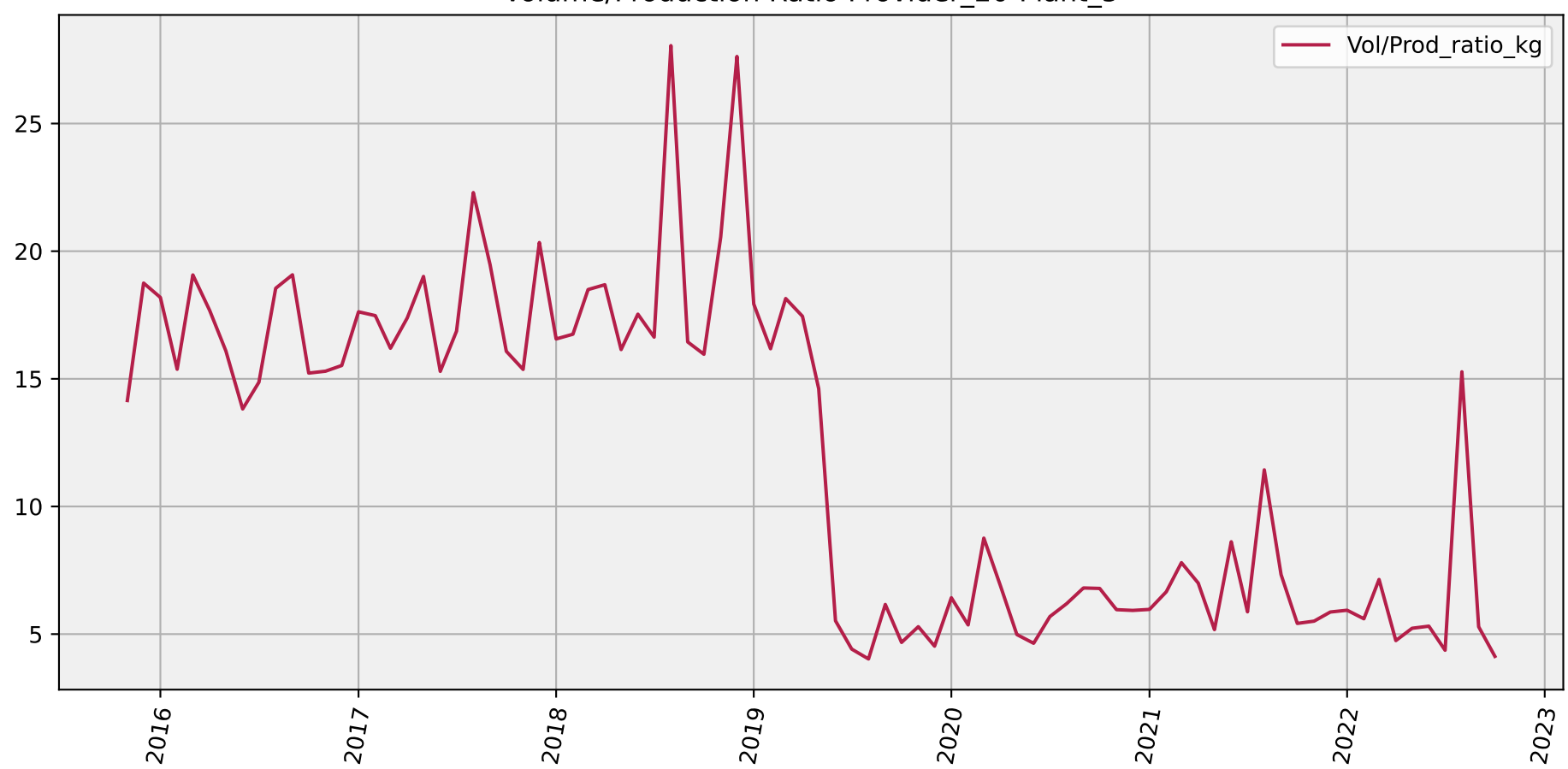
Incoming Volume Provider_20-Plant_5

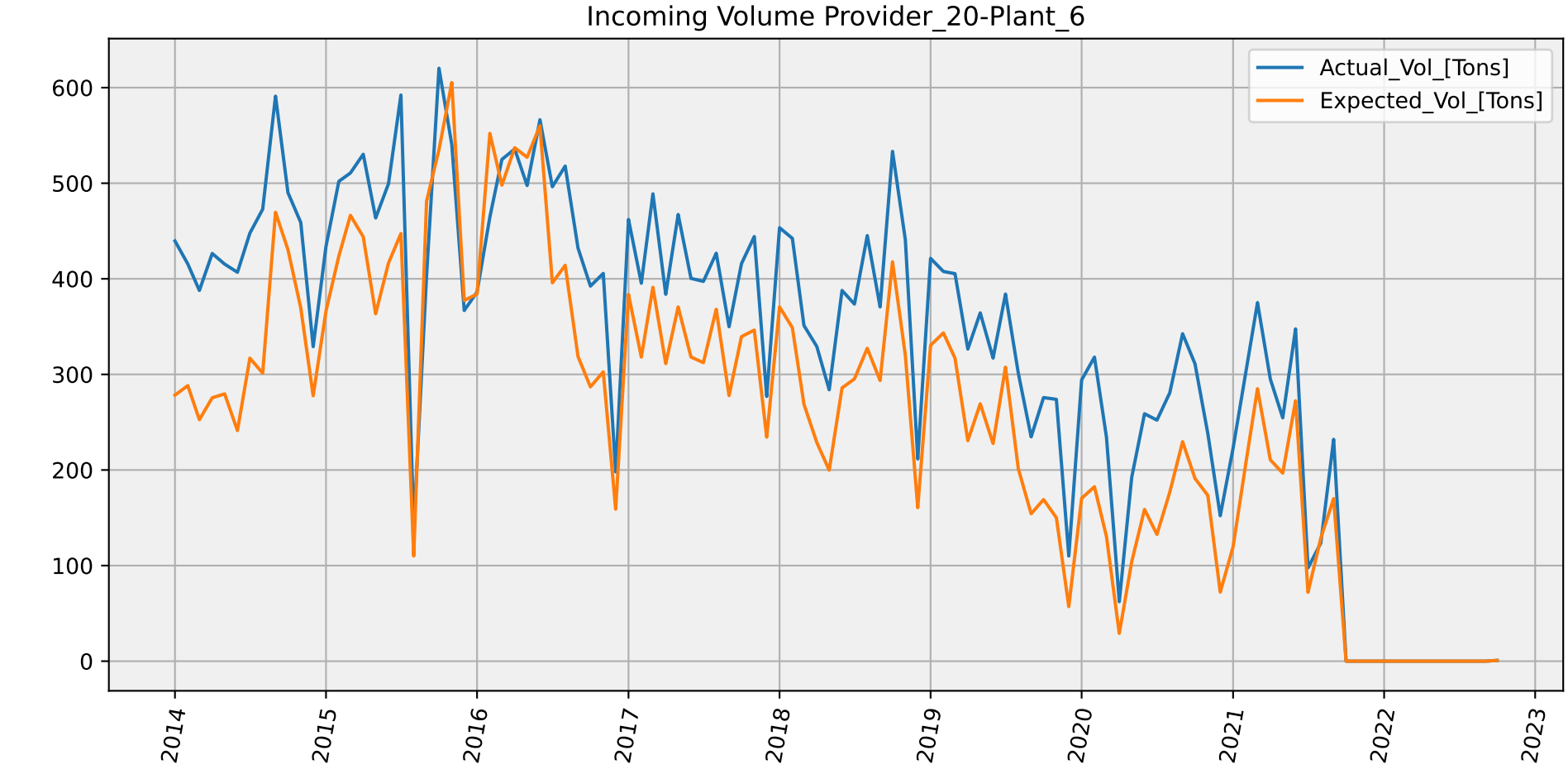


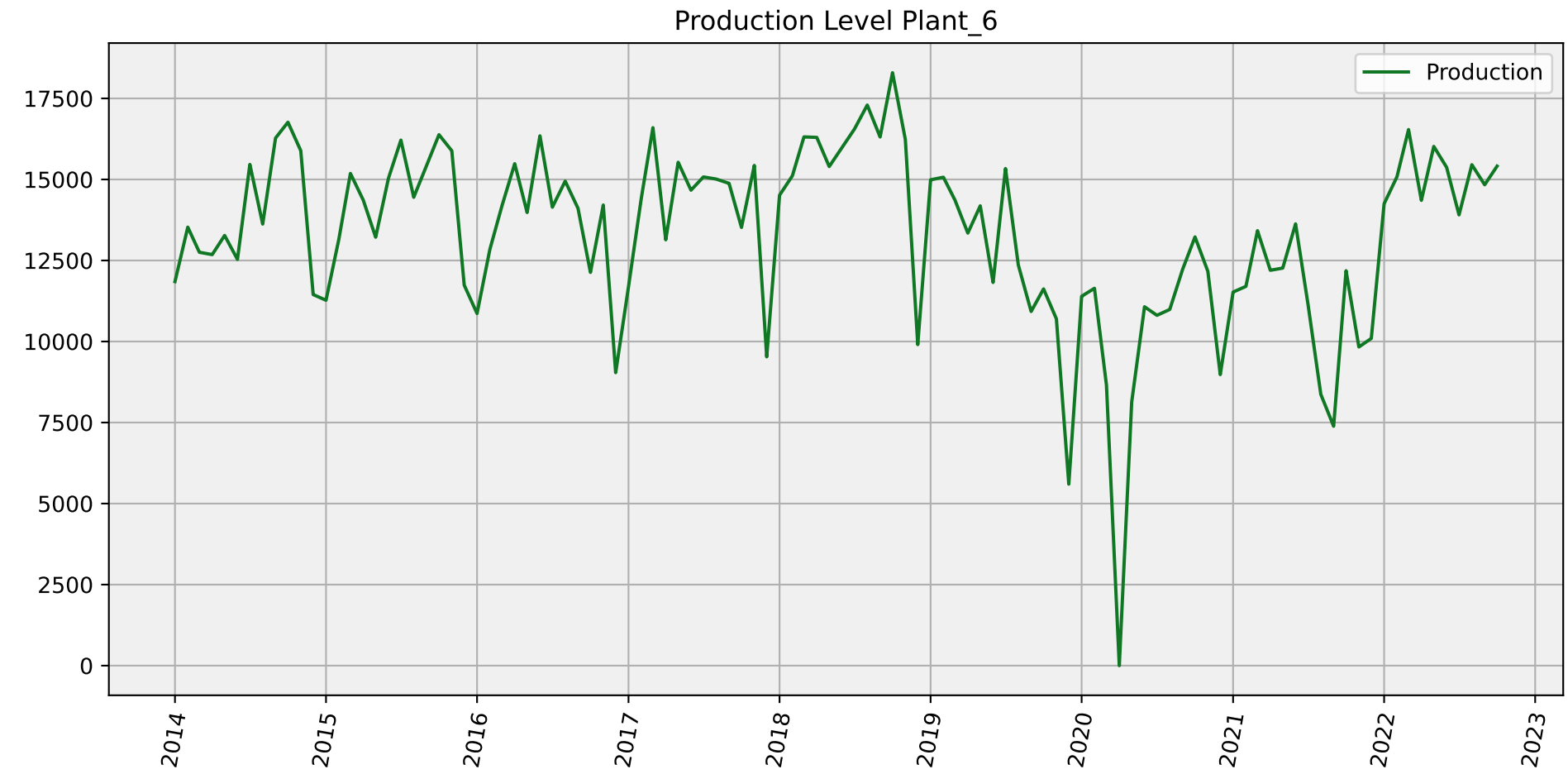
Production Level Plant_5

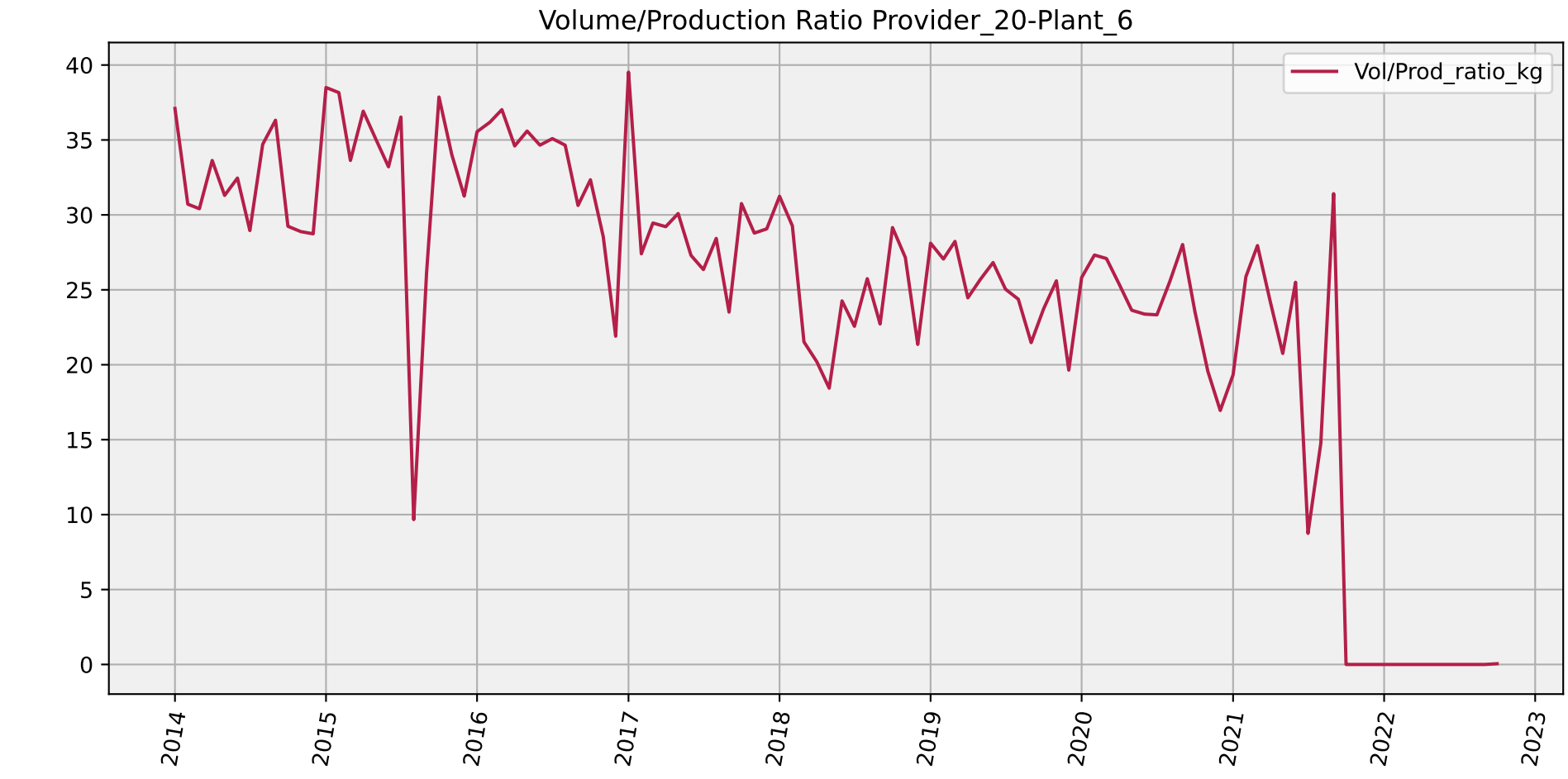


Volume/Production Ratio Provider_20-Plant_5

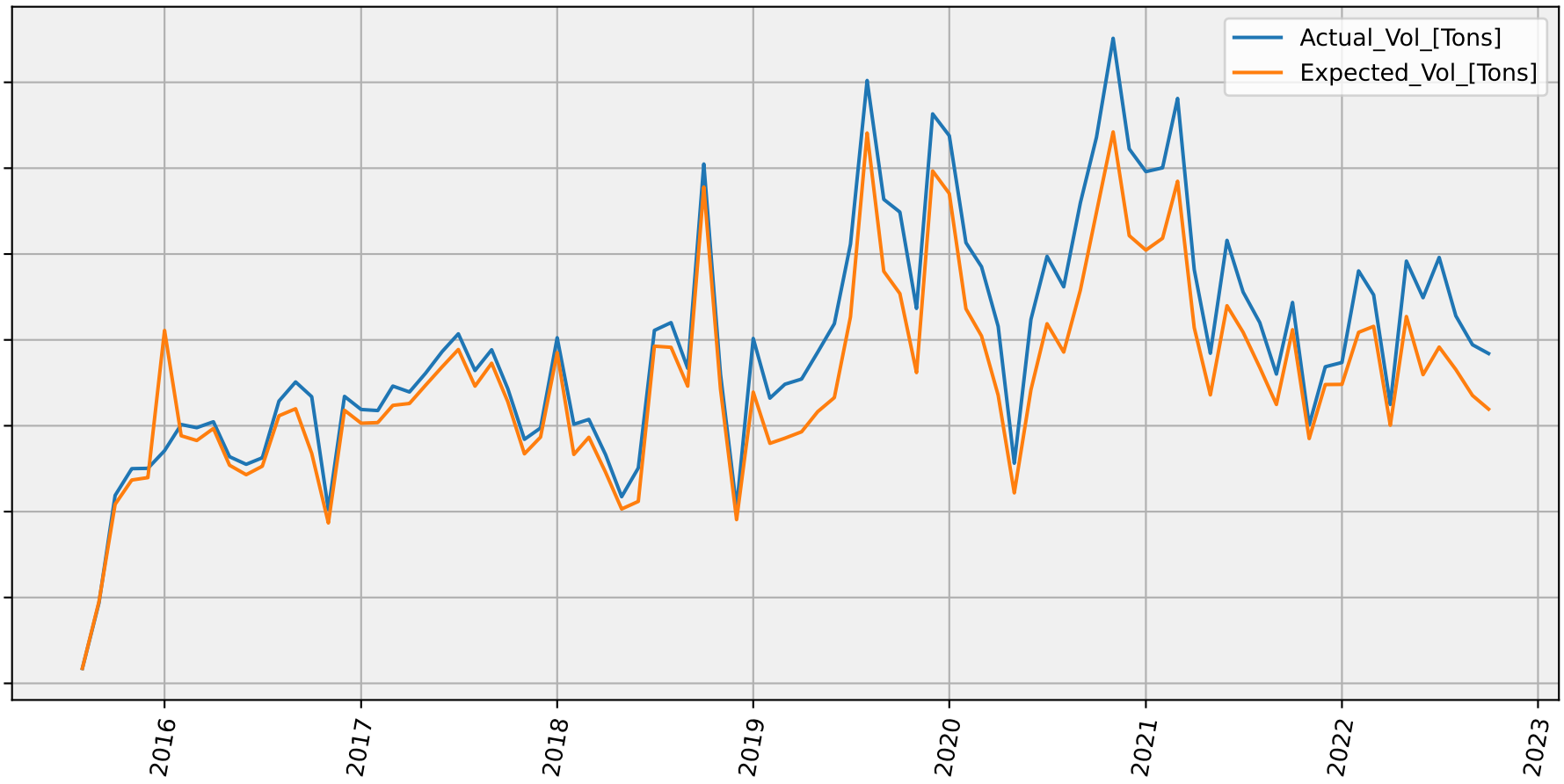



Incoming Volume Provider_20-Plant_6
Actual_Vol_[Tons]
Expected_Vol_[Tons]
600
500
400
300
200
100
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

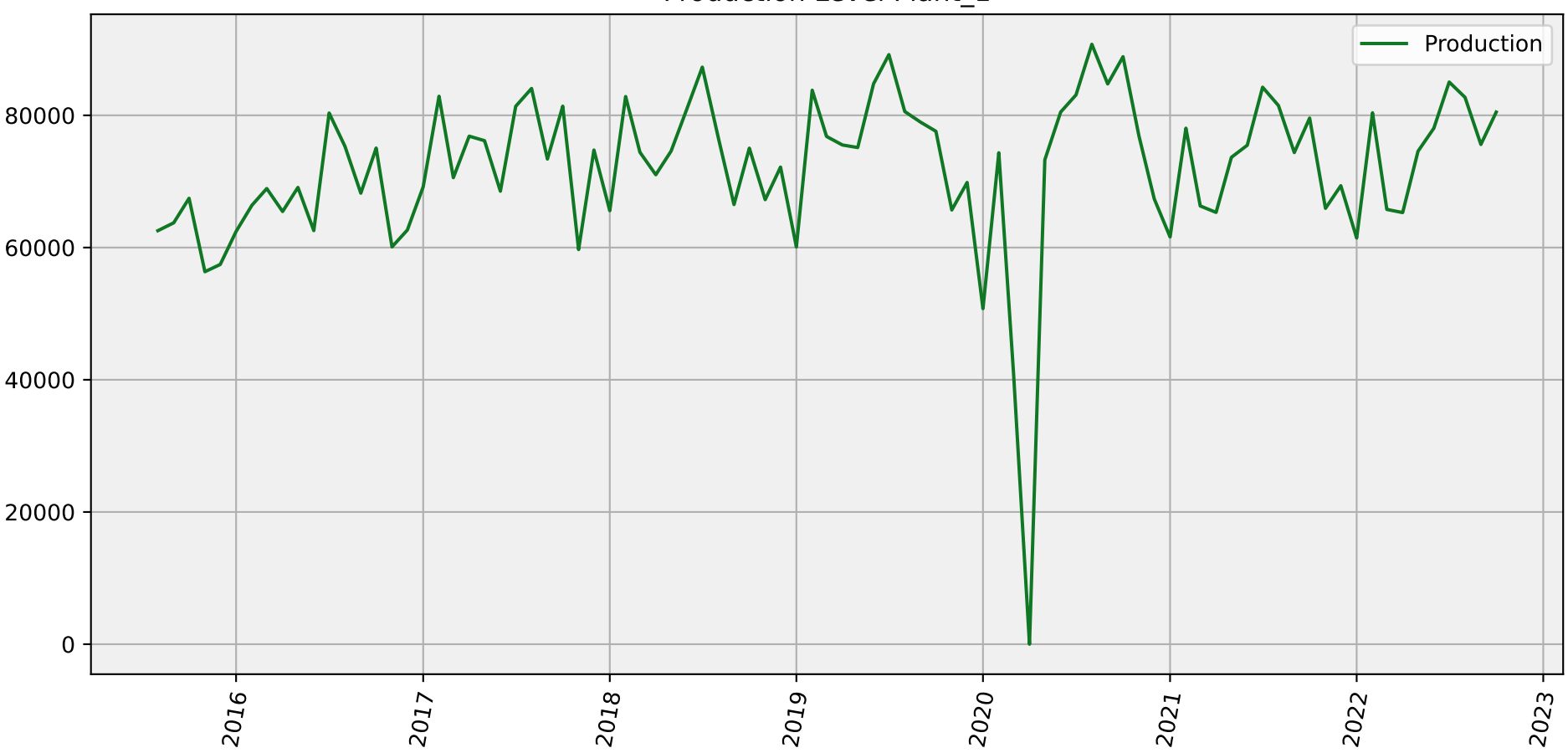

Production Level Plant_6
Production
17500
15000
12500
10000
7500
5000
2500
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_20-Plant_6
Vol/Prod_ratio_kg
40
35
30
25
20
15
10
5
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

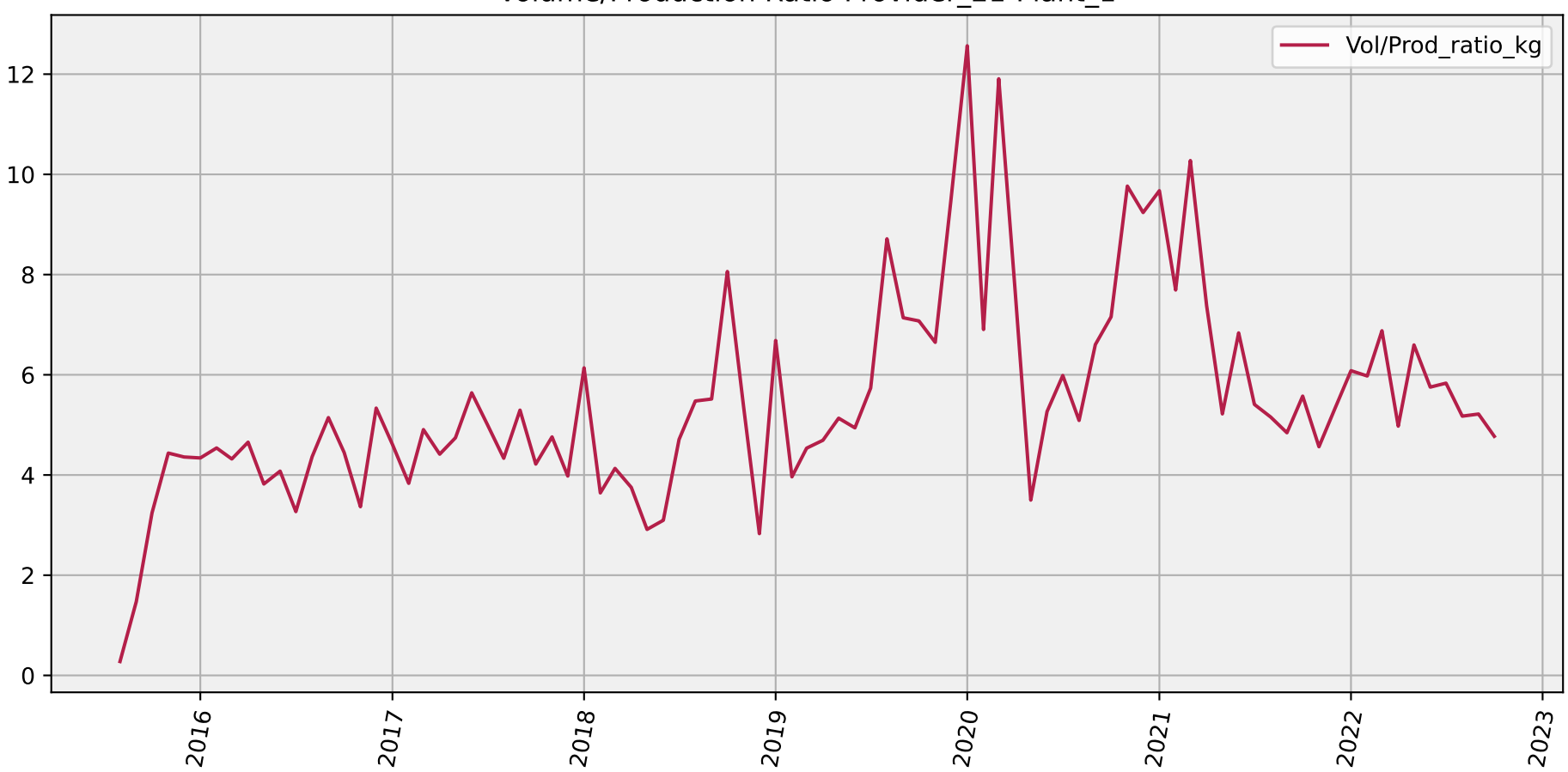
Incoming Volume Provider_21-Plant_1

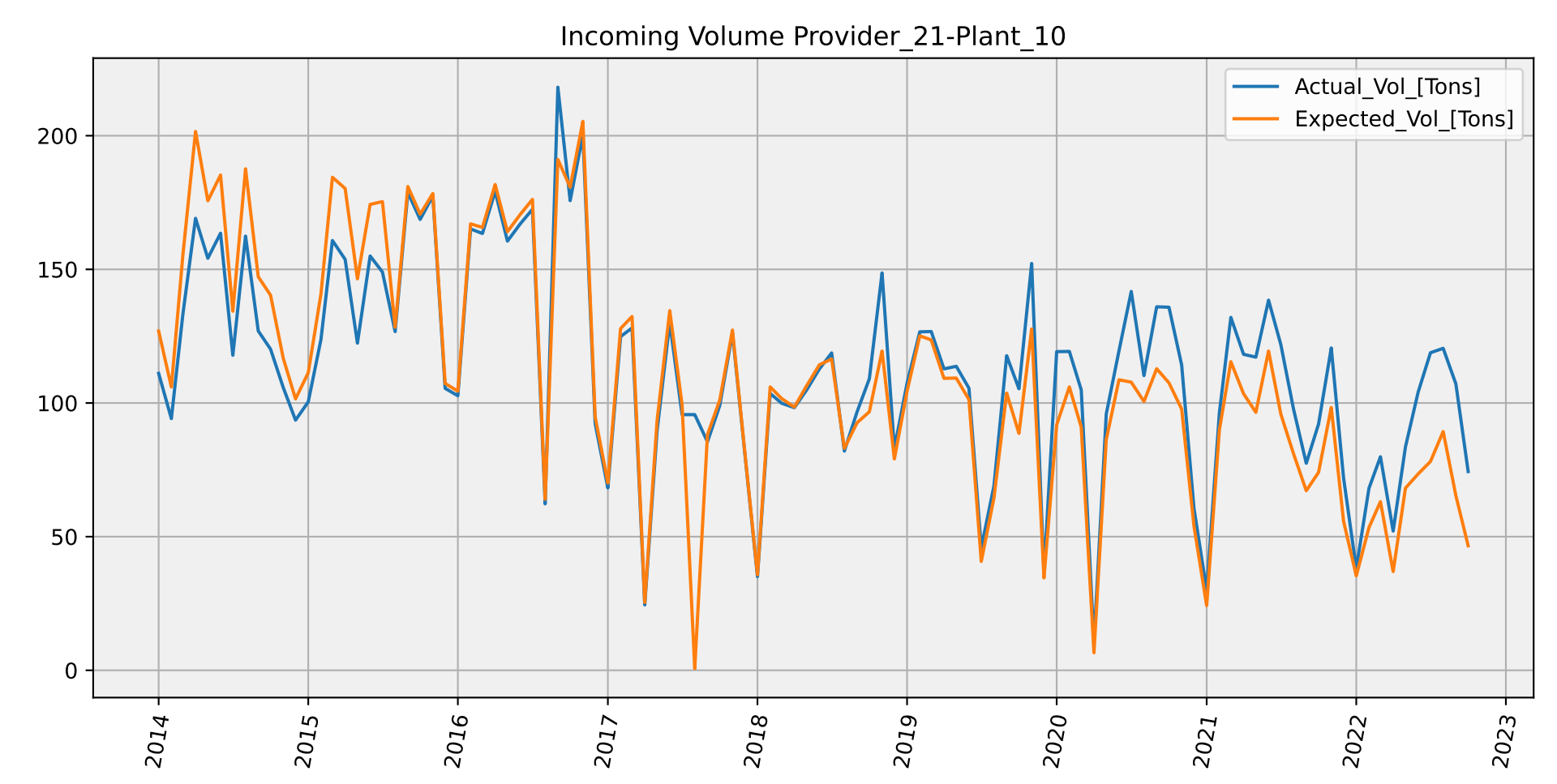


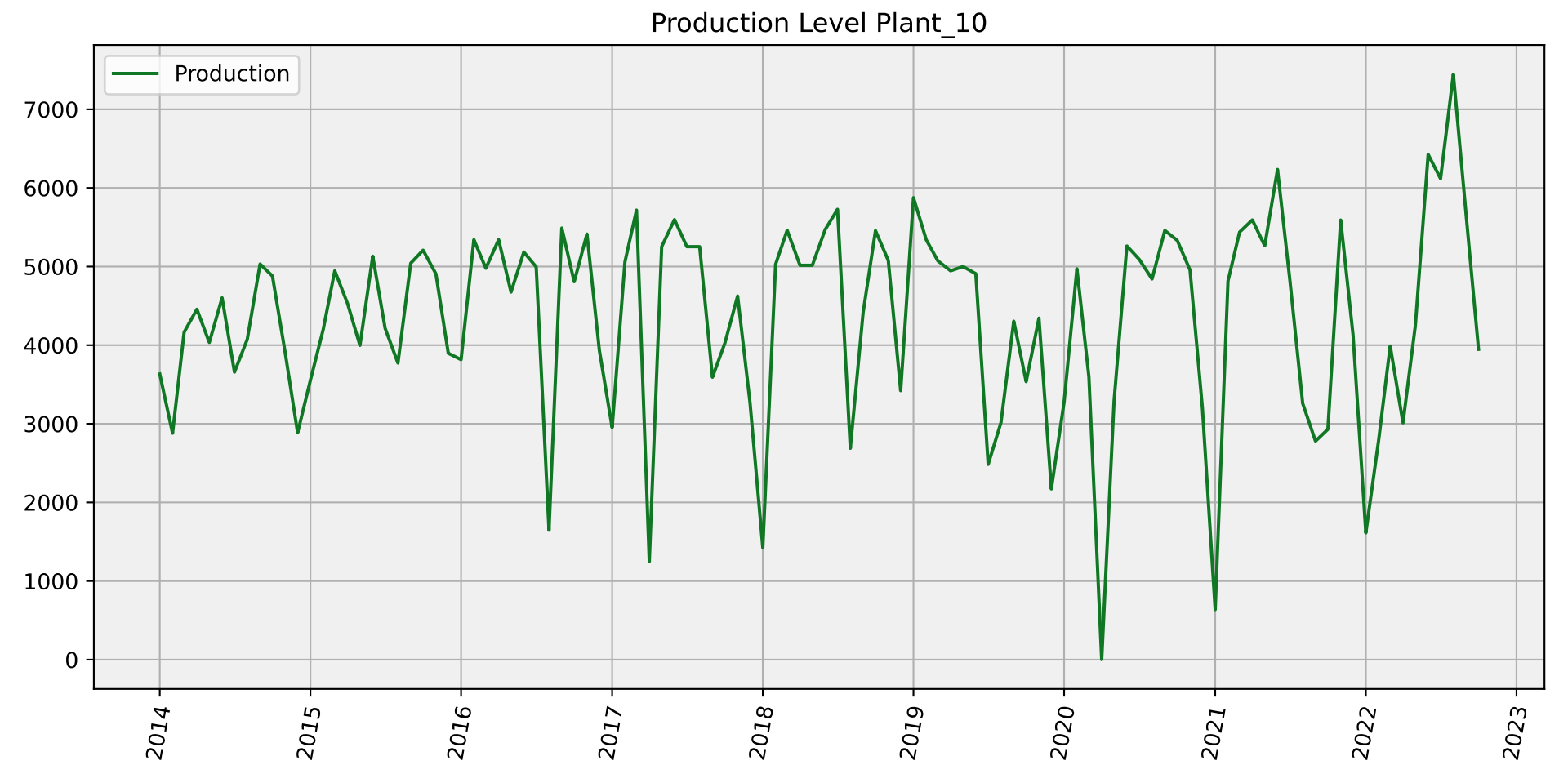
Production Level Plant_1

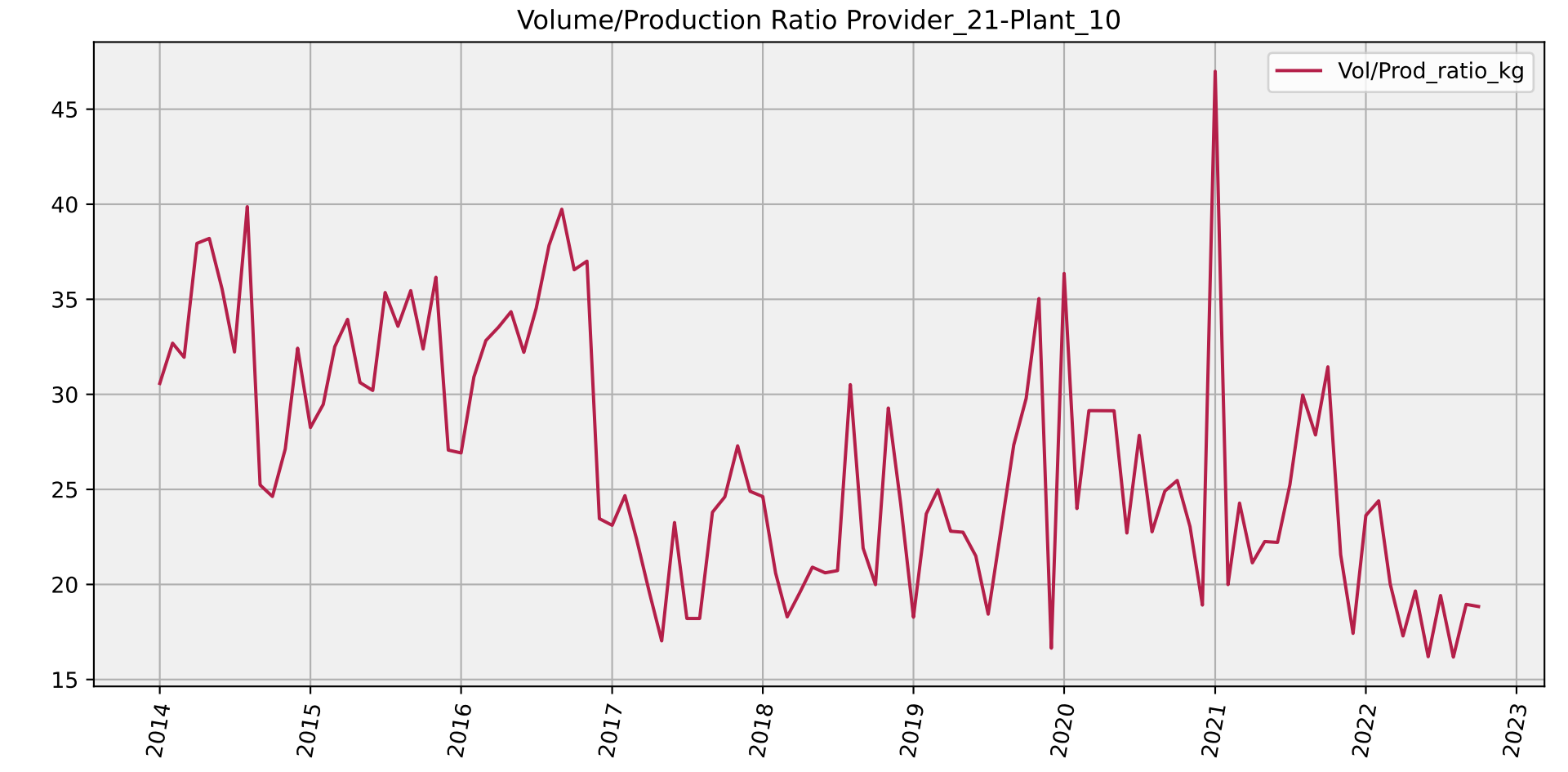


Volume/Production Ratio Provider_21-Plant_1

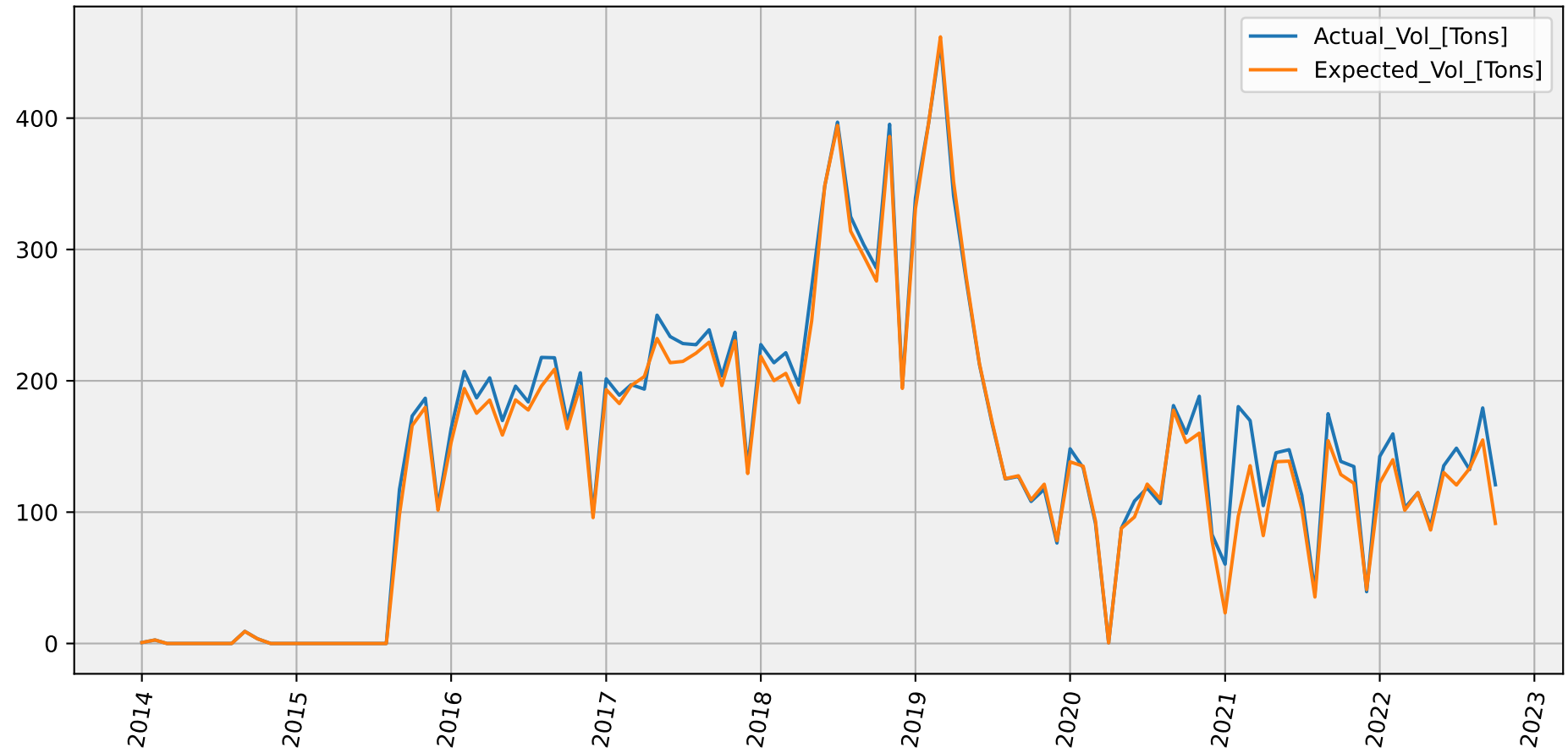



Incoming Volume Provider_21-Plant_10
Actual_Vol_[Tons]
Expected_Vol_[Tons]
200
150
100
50
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

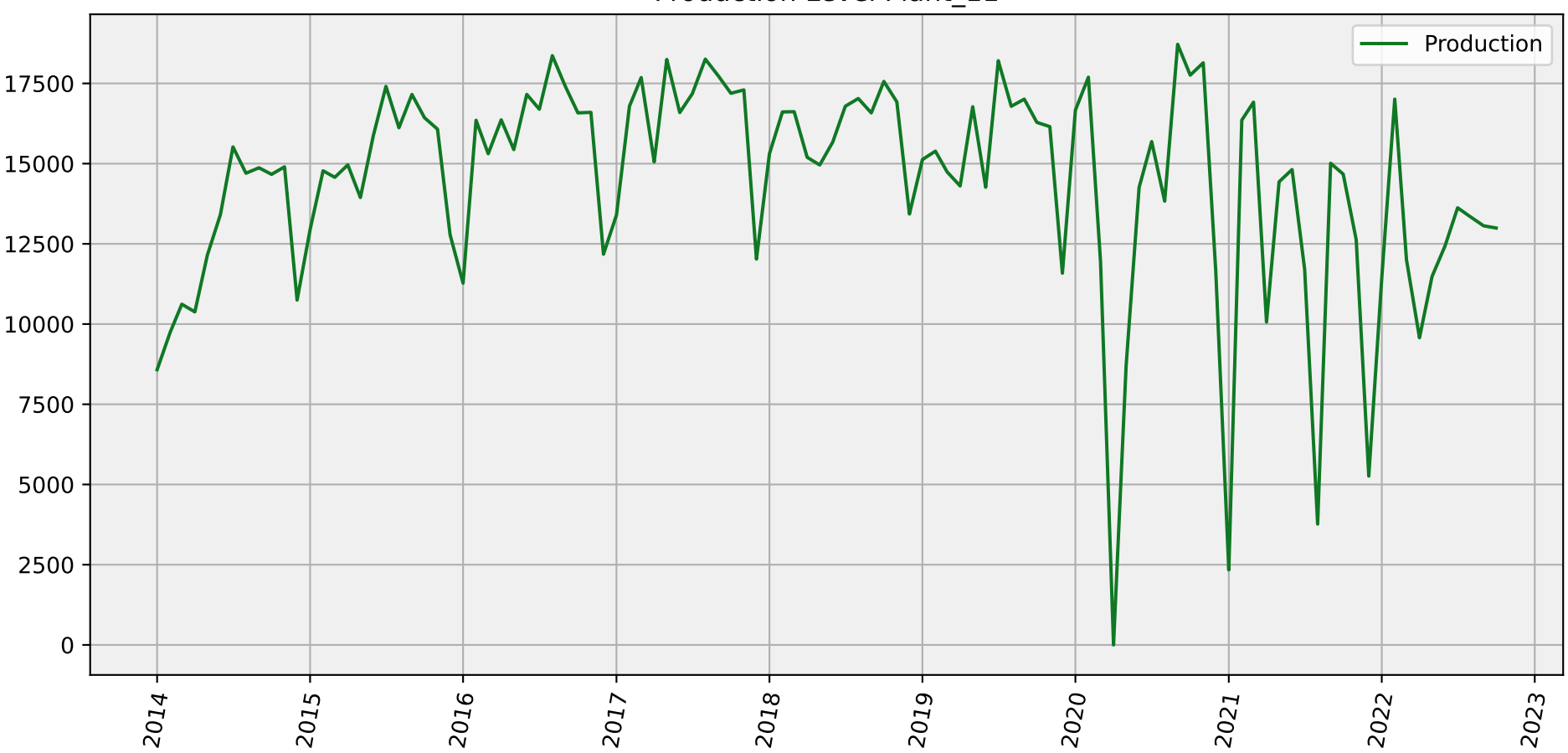

Production Level Plant_10
Production
7000
6000
5000
4000
3000
2000
1000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_21-Plant_10
Vol/Prod_ratio_kg
45
40
35
30
25
20
15
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

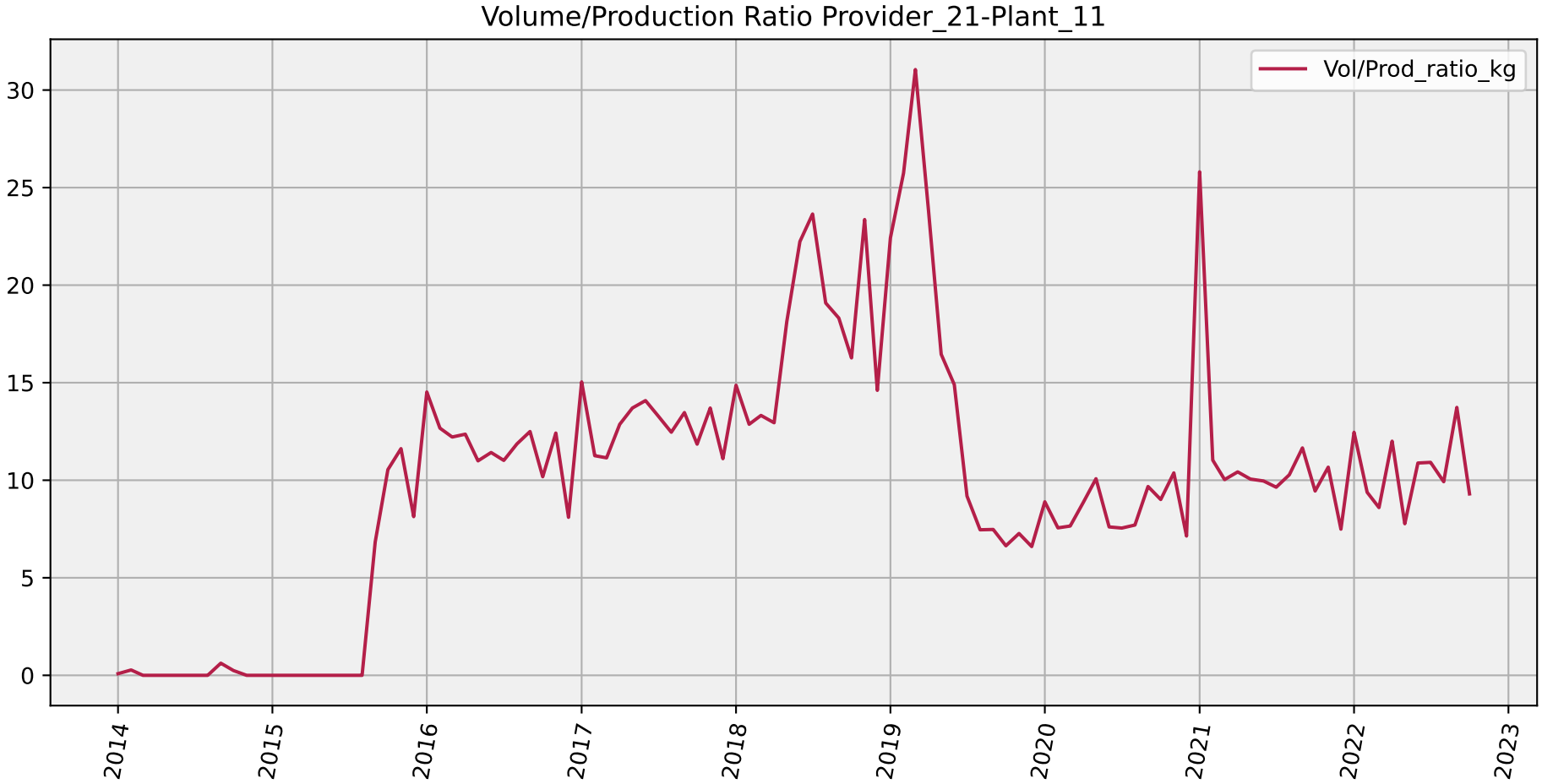
Incoming Volume Provider_21-Plant_11

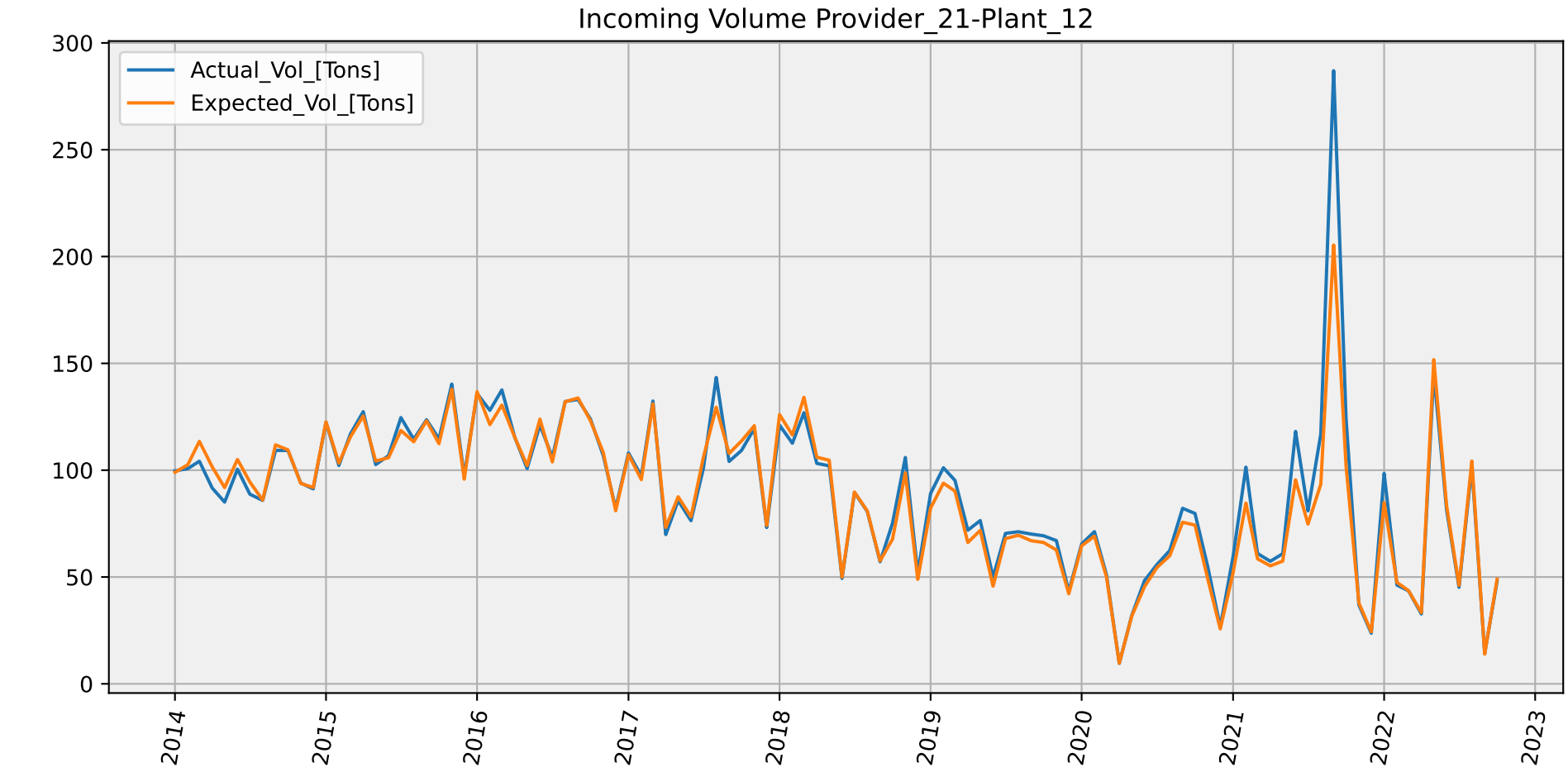


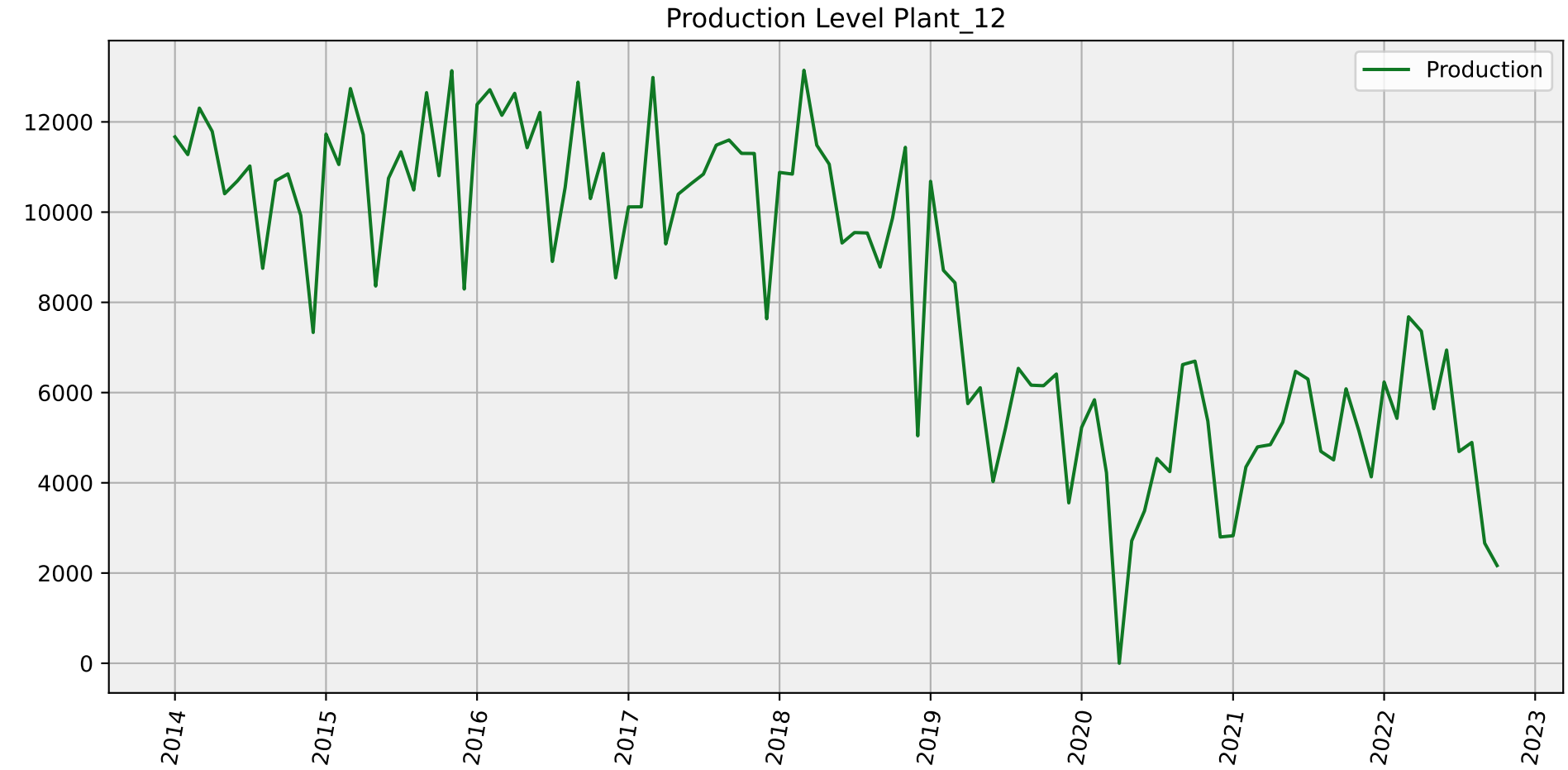
Production Level Plant_11

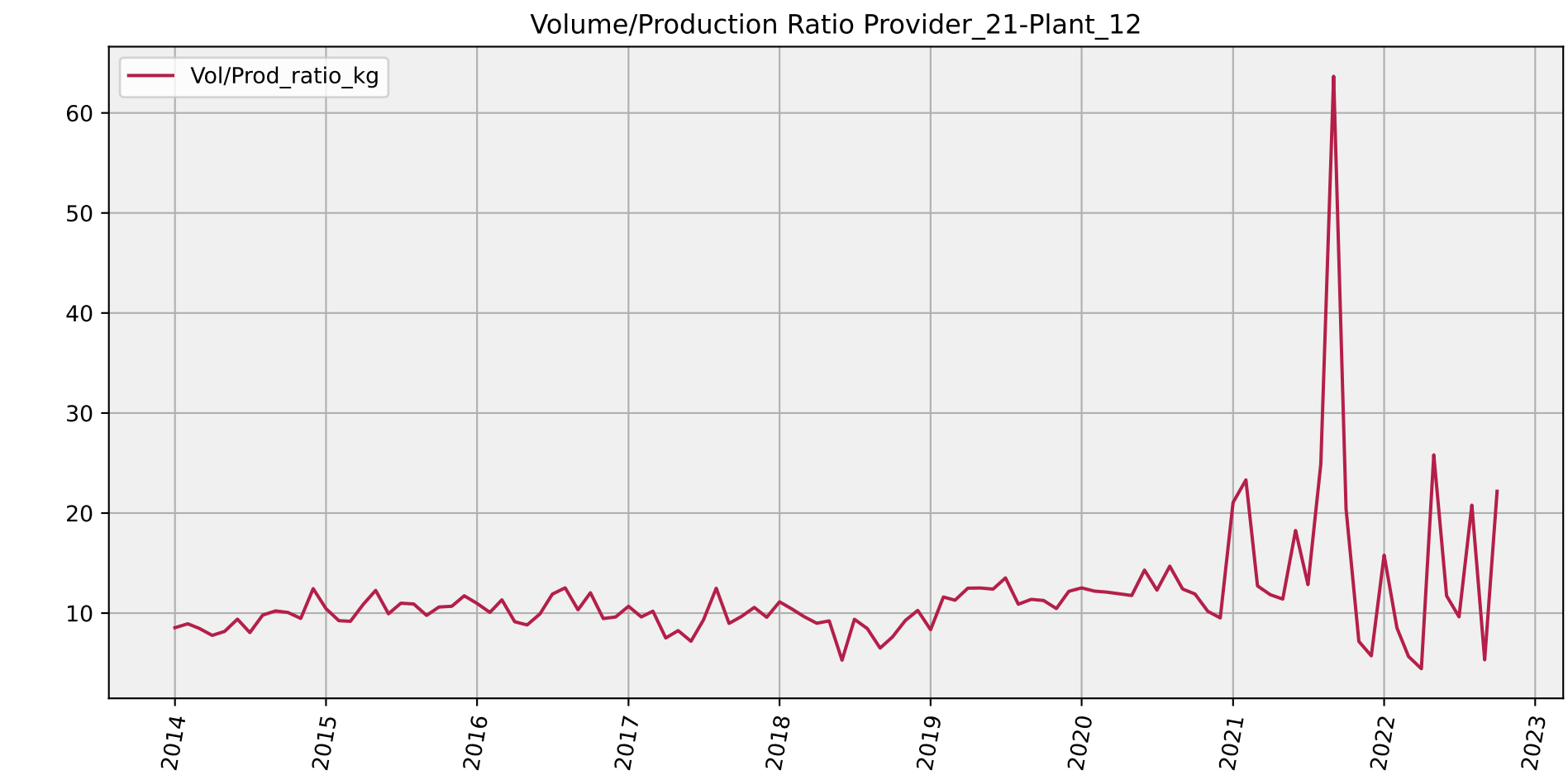


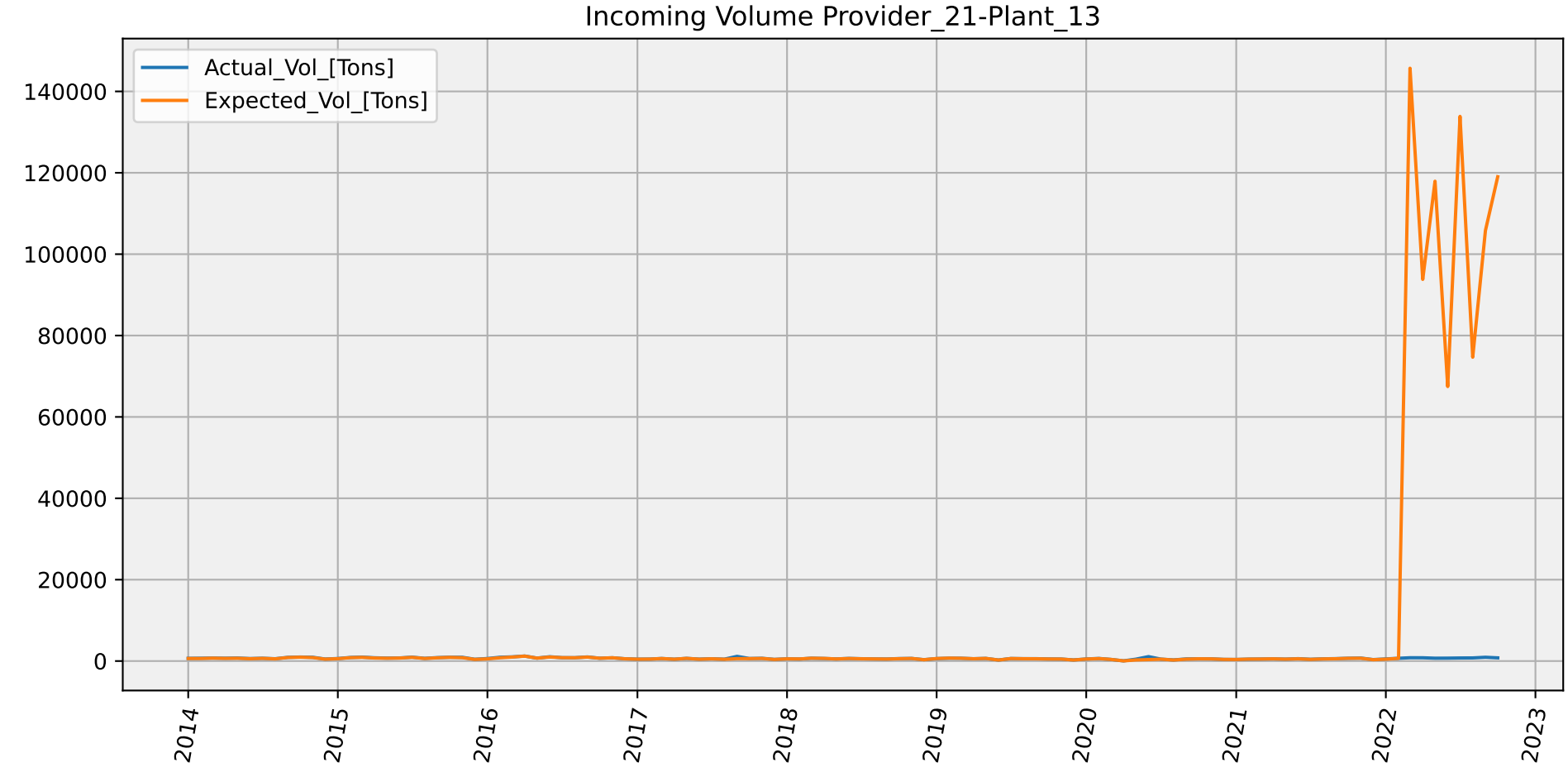
Volume/Production Ratio Provider_21-Plant_11

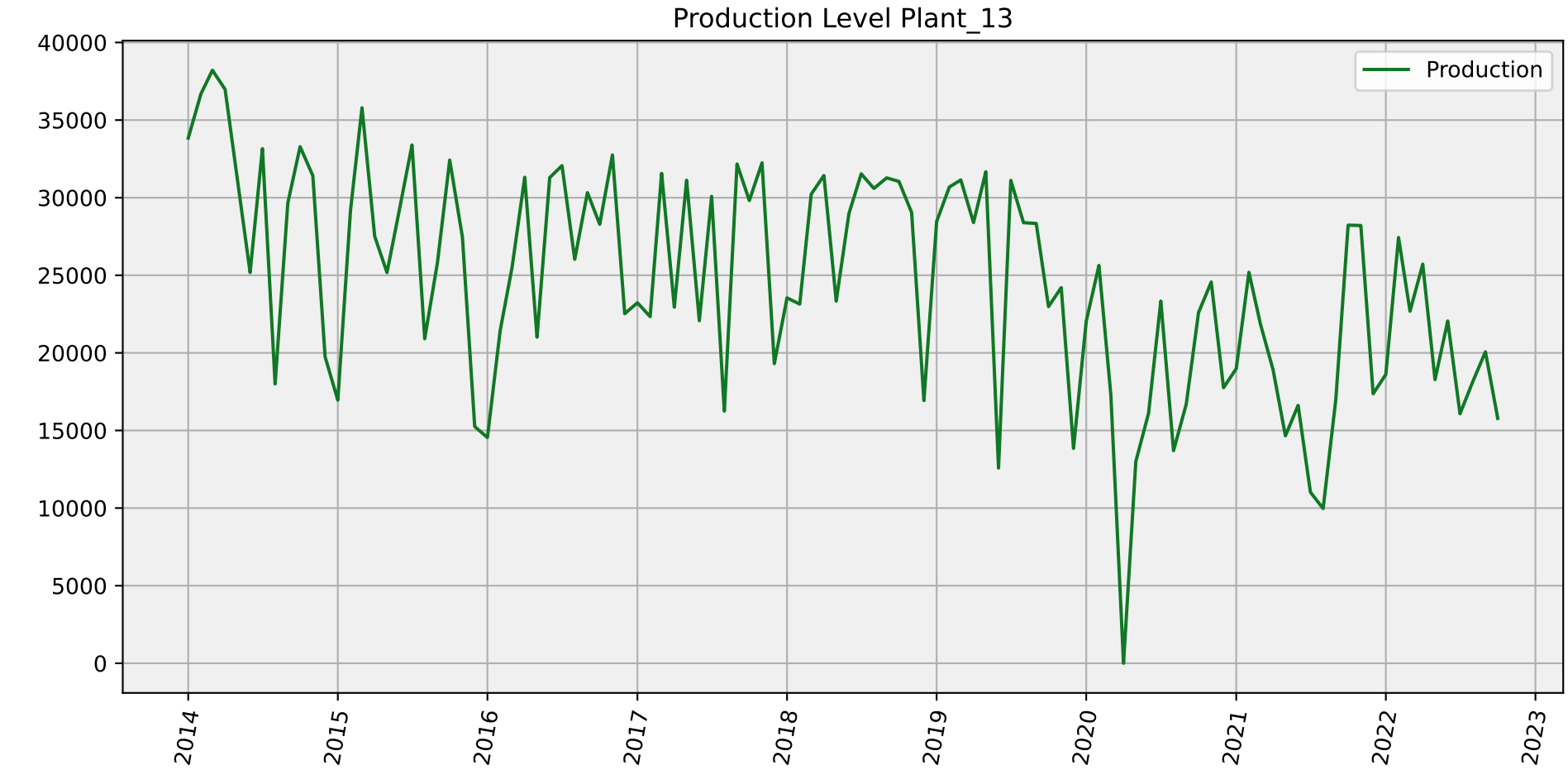


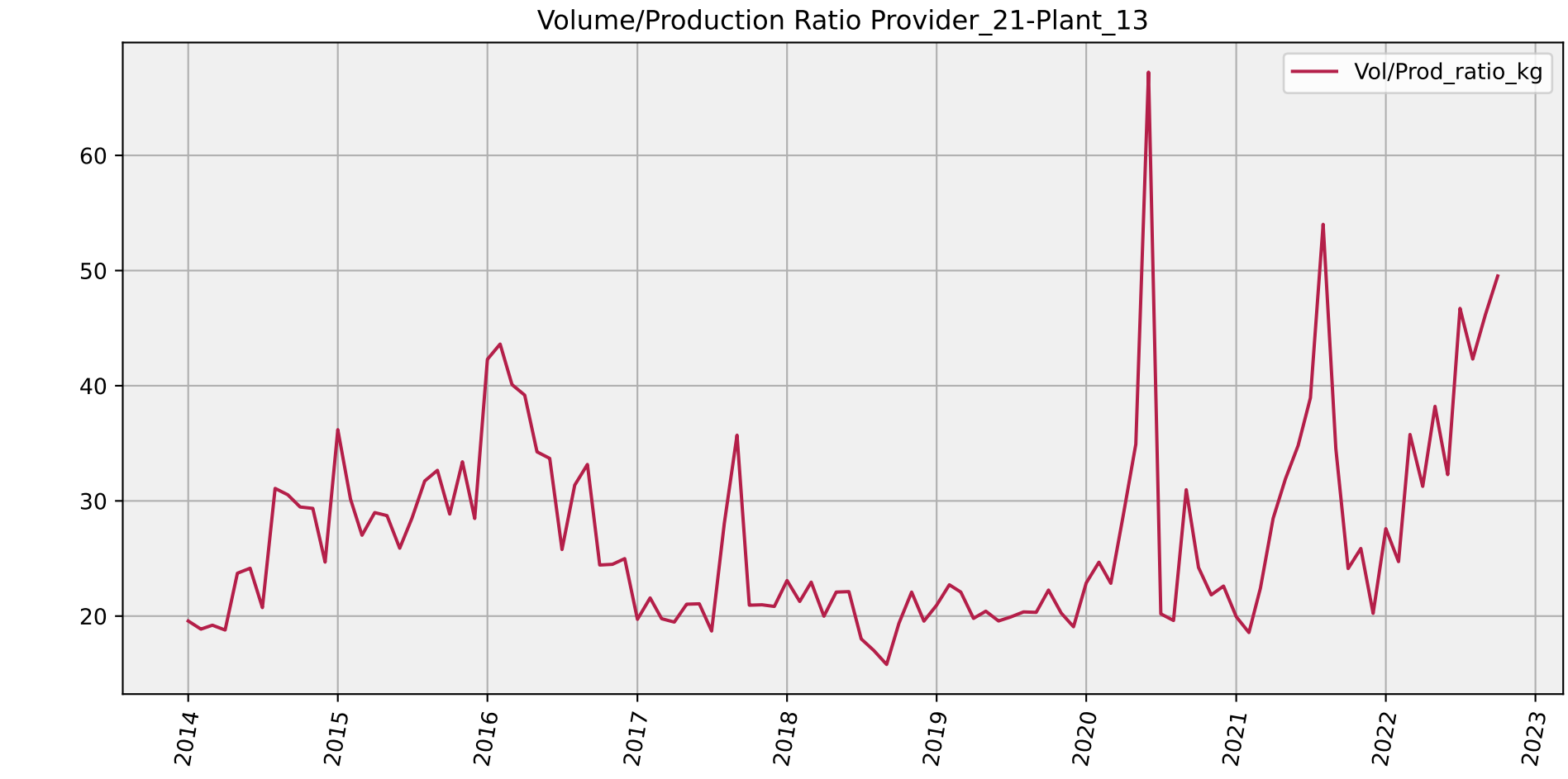

Incoming Volume Provider_21-Plant_12
Actual_Vol_[Tons]
Expected_Vol_[Tons]
300
250
200
150
100
50
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Production Level Plant_12
Production
12000
10000
8000
6000
4000
2000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

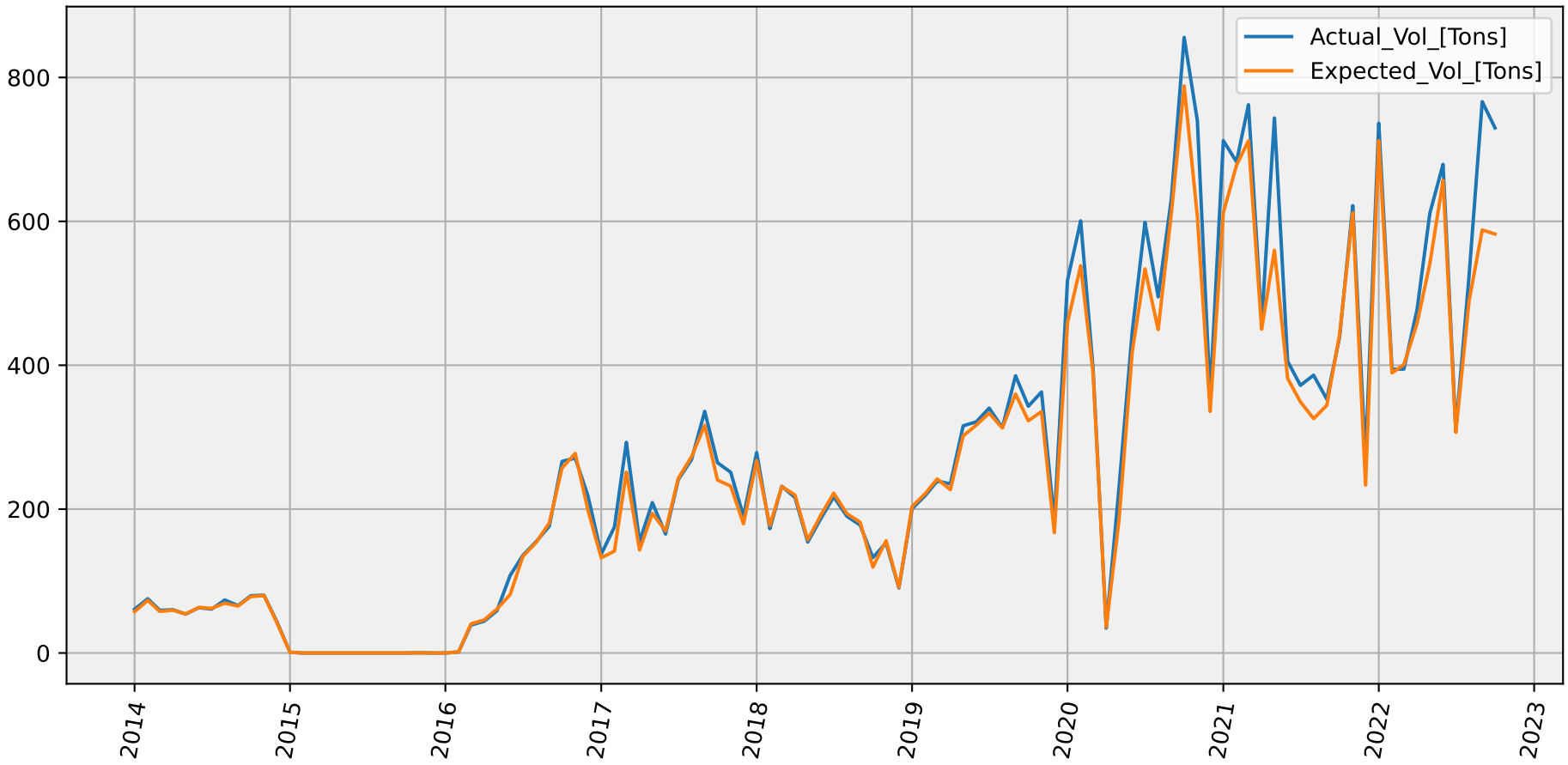

Volume/Production Ratio Provider_21-Plant_12
Vol/Prod_ratio_kg
60
50
40
30
20
10
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Incoming Volume Provider_21-Plant_13
Actual_Vol_[Tons]
Expected_Vol_[Tons]
140000
120000
100000
80000
60000
40000
20000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

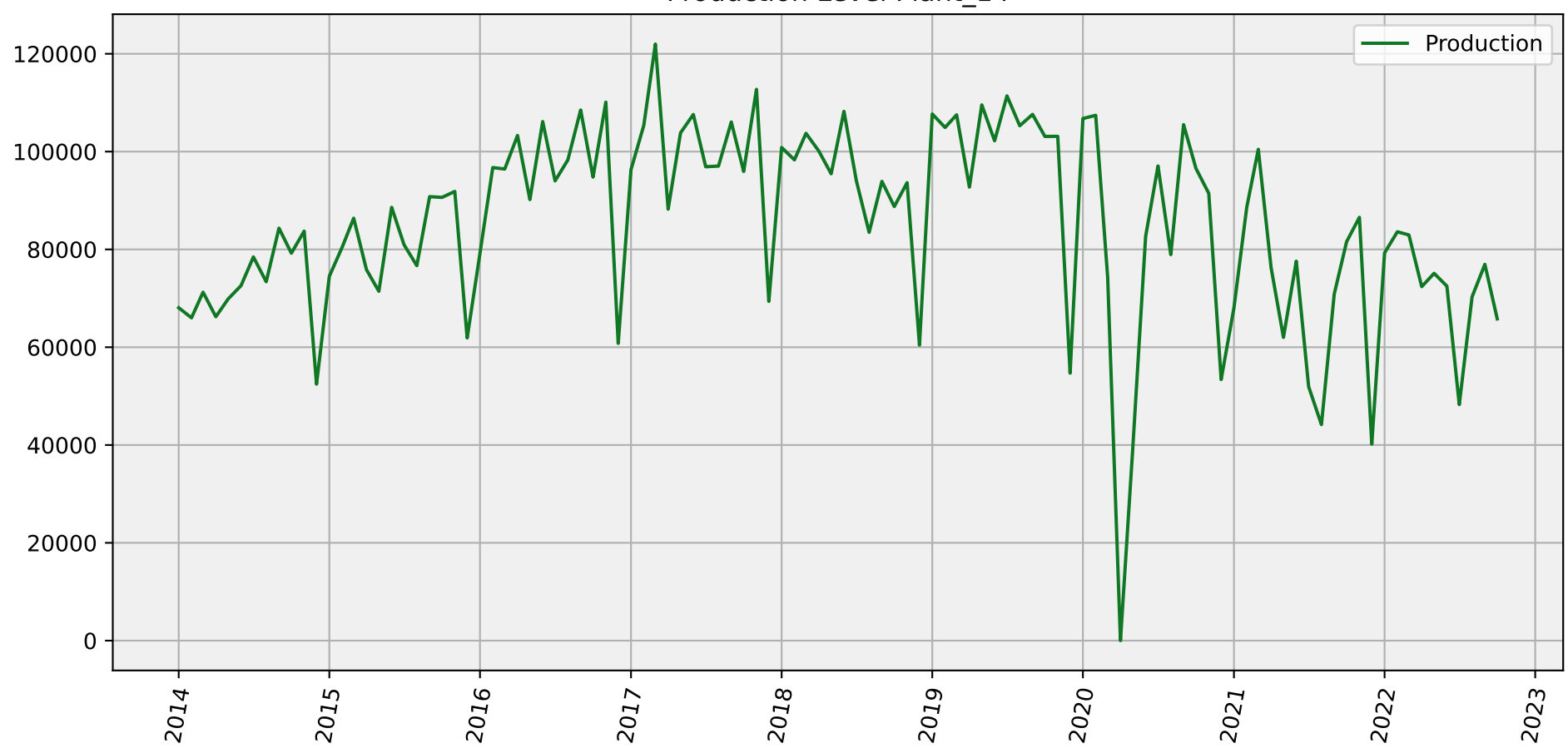

Production Level Plant_13
Production
40000
35000
30000
25000
20000
15000
10000
5000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_21-Plant_13
Vol/Prod_ratio_kg
60
50
40
30
20
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

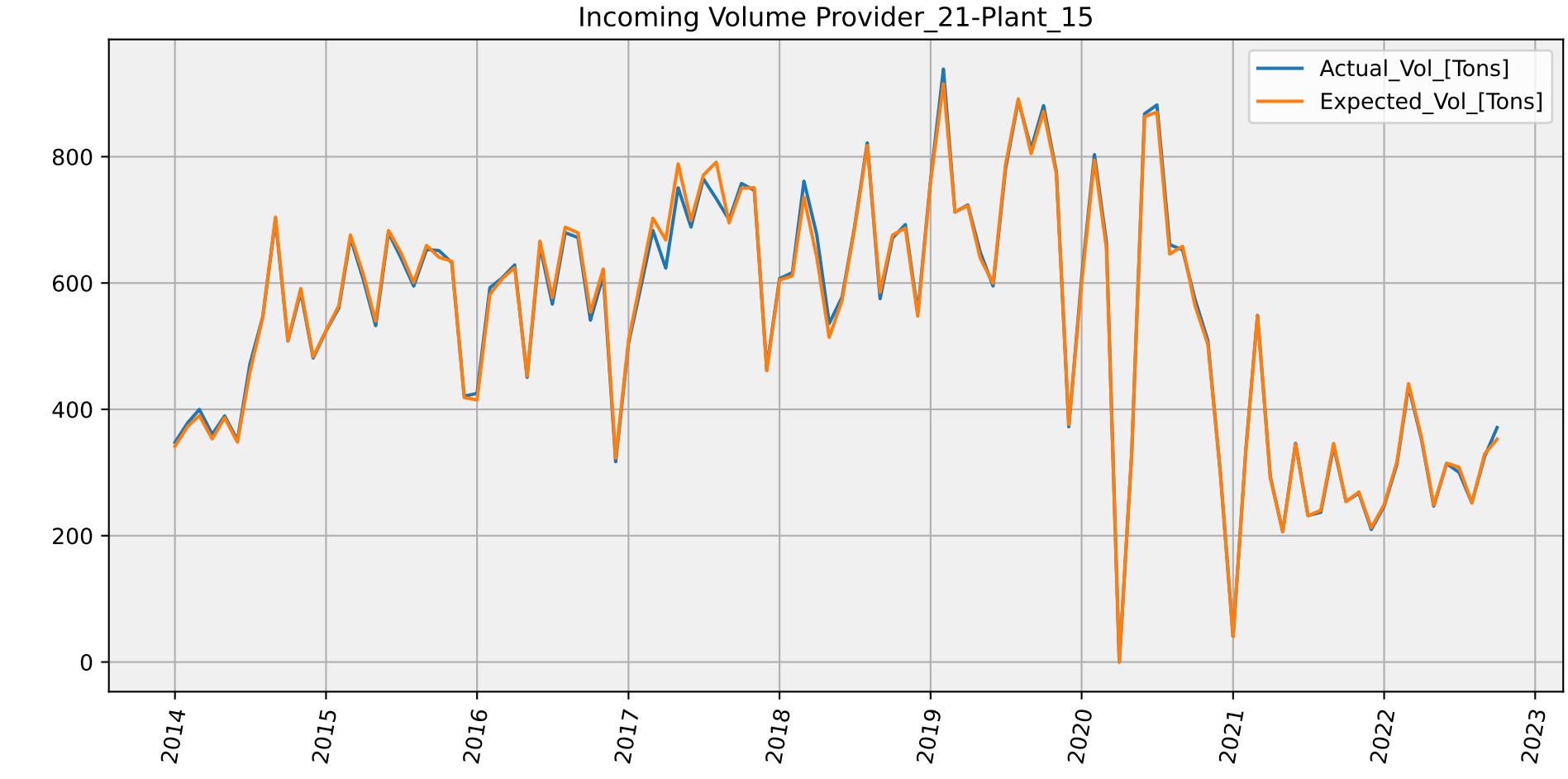
Incoming Volume Provider_21-Plant_14

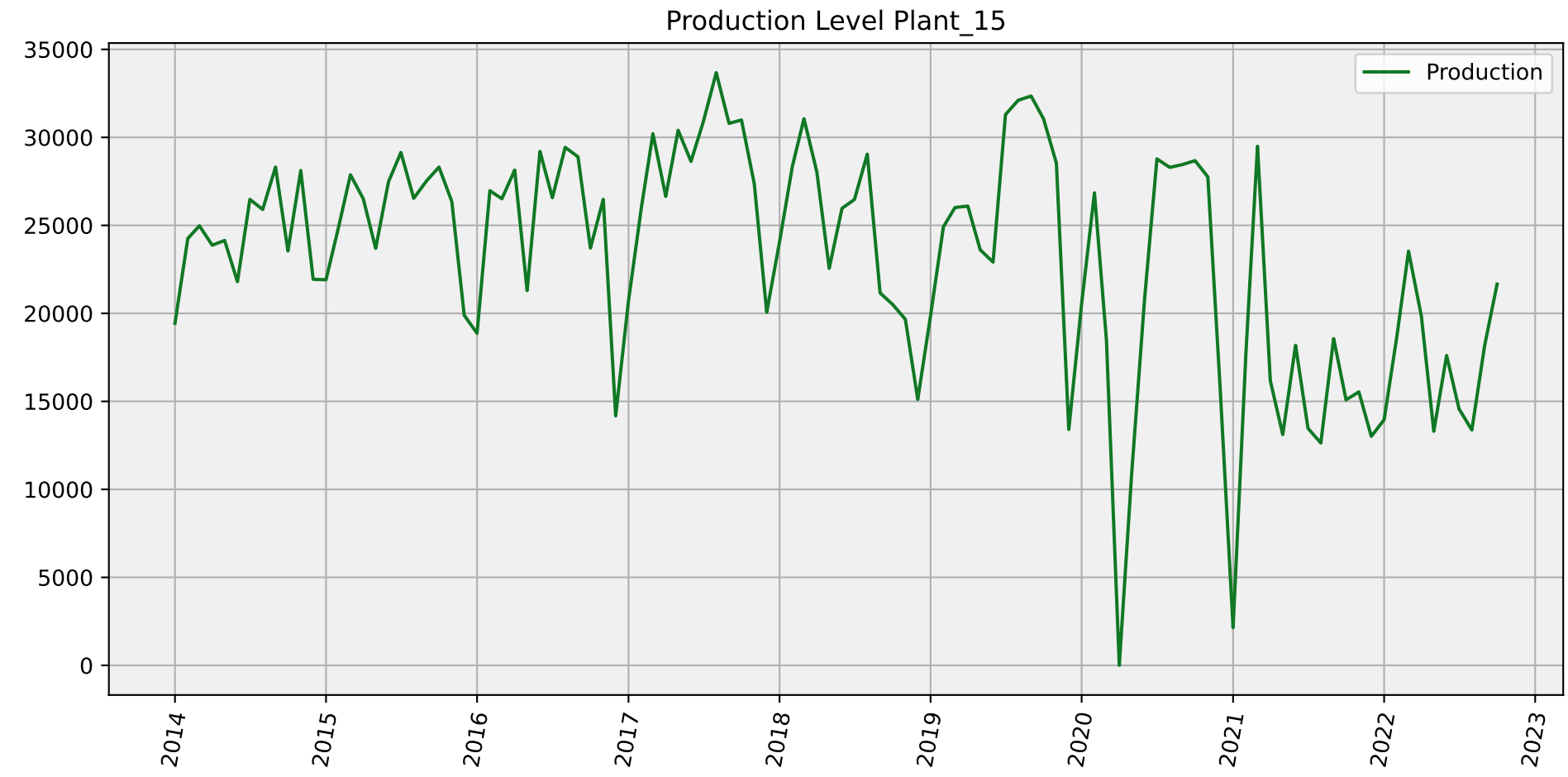


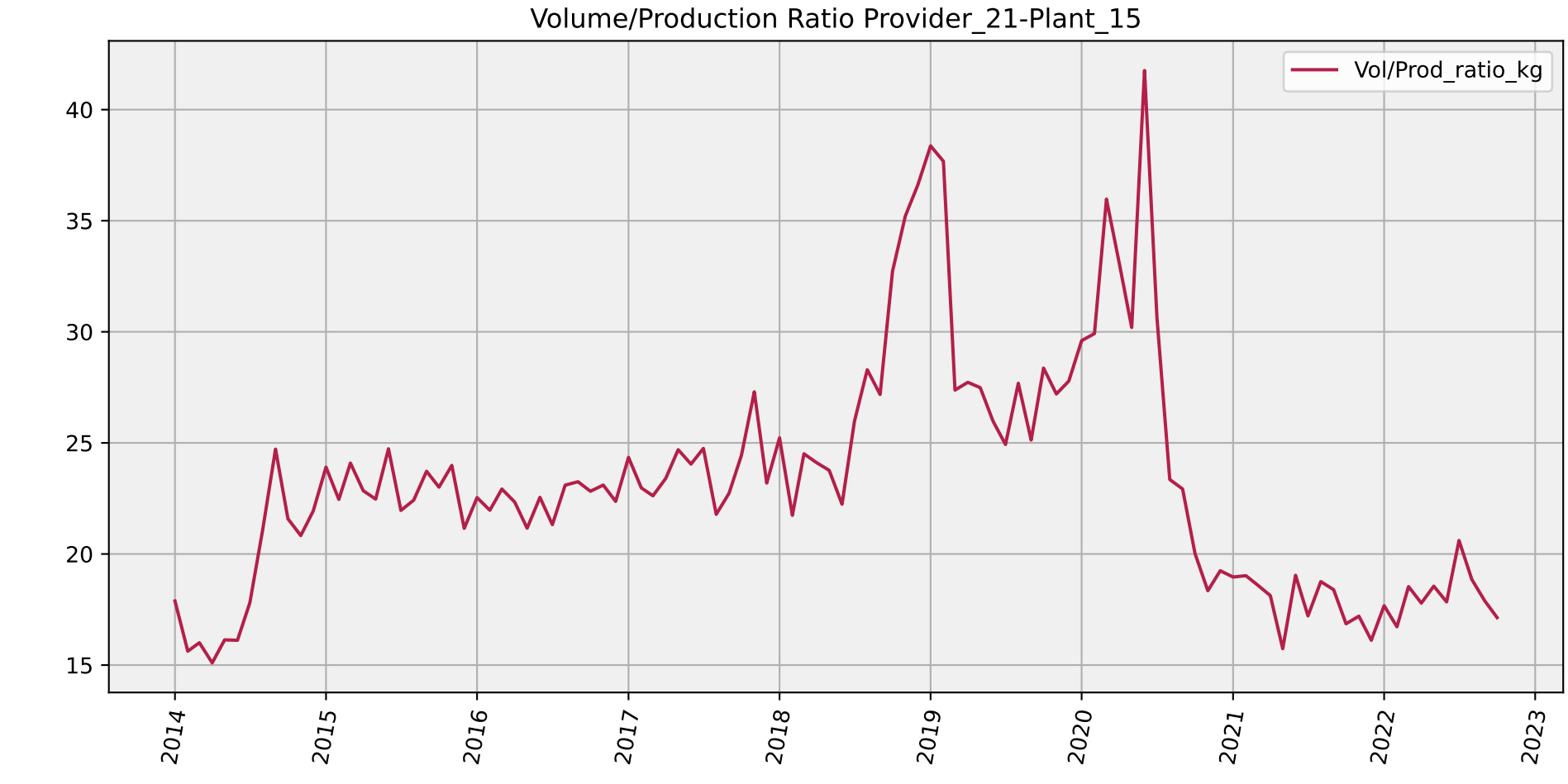
Production Level Plant_14

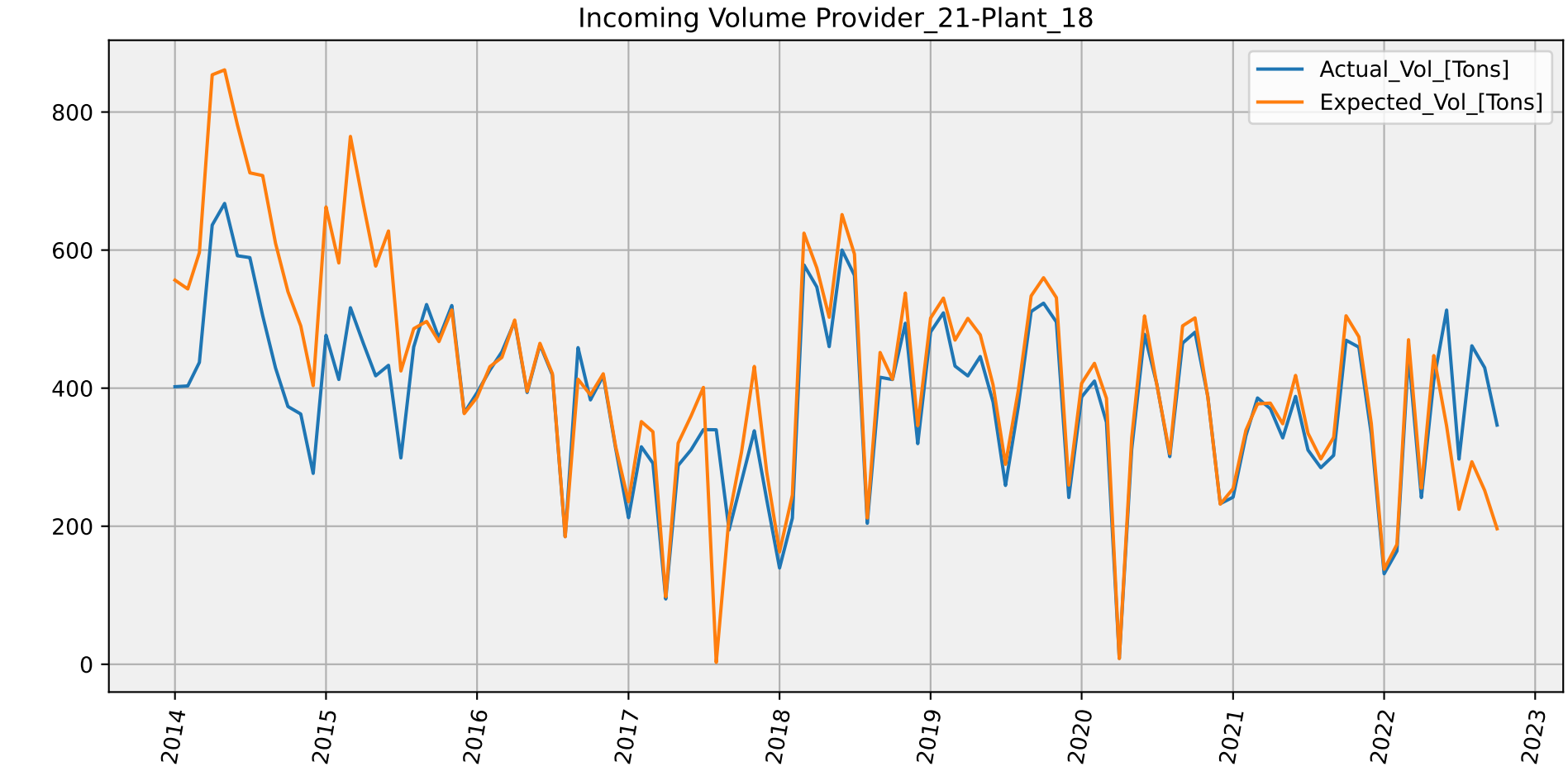


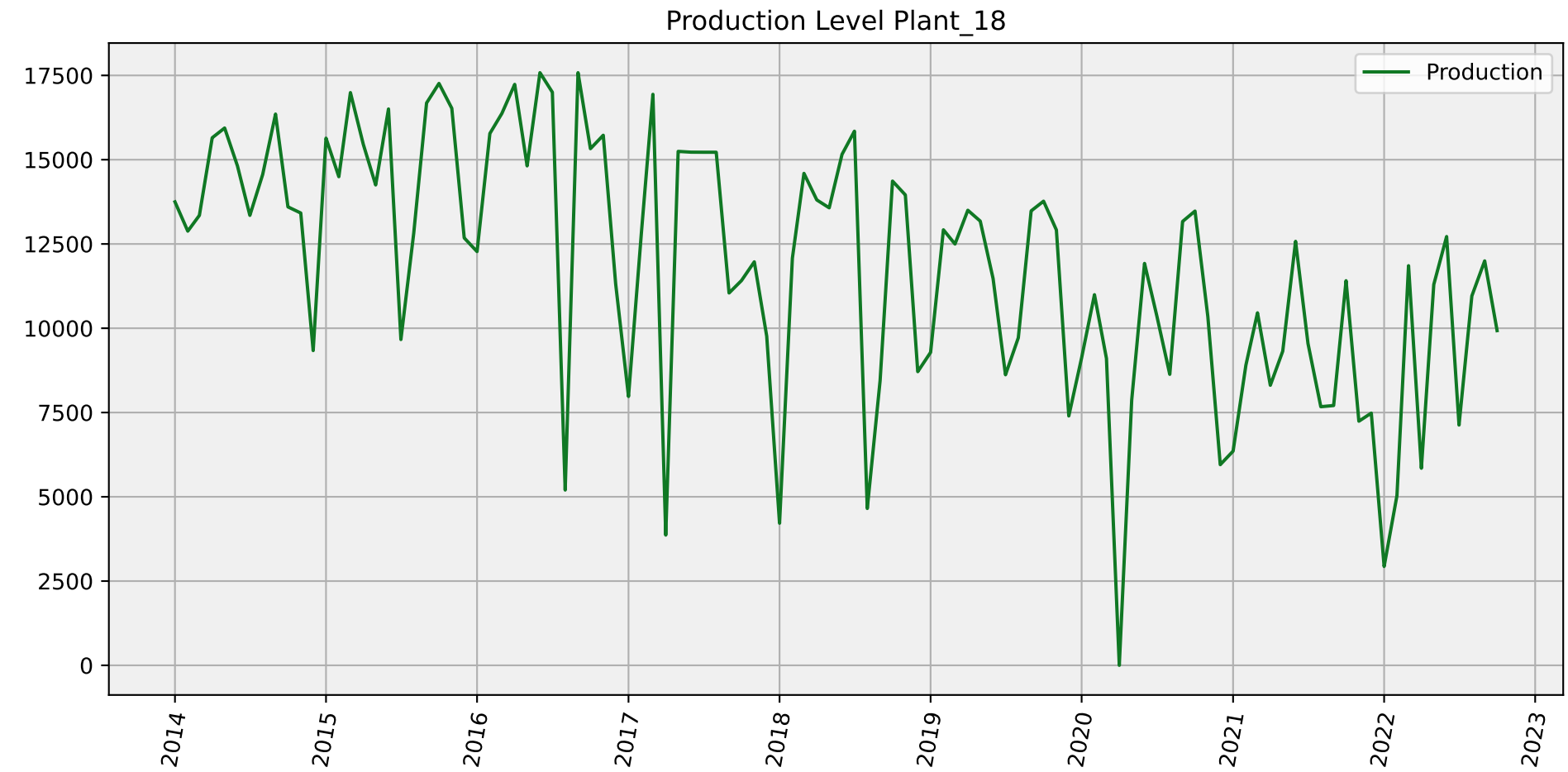
Volume/Production Ratio Provider_21-Plant_14

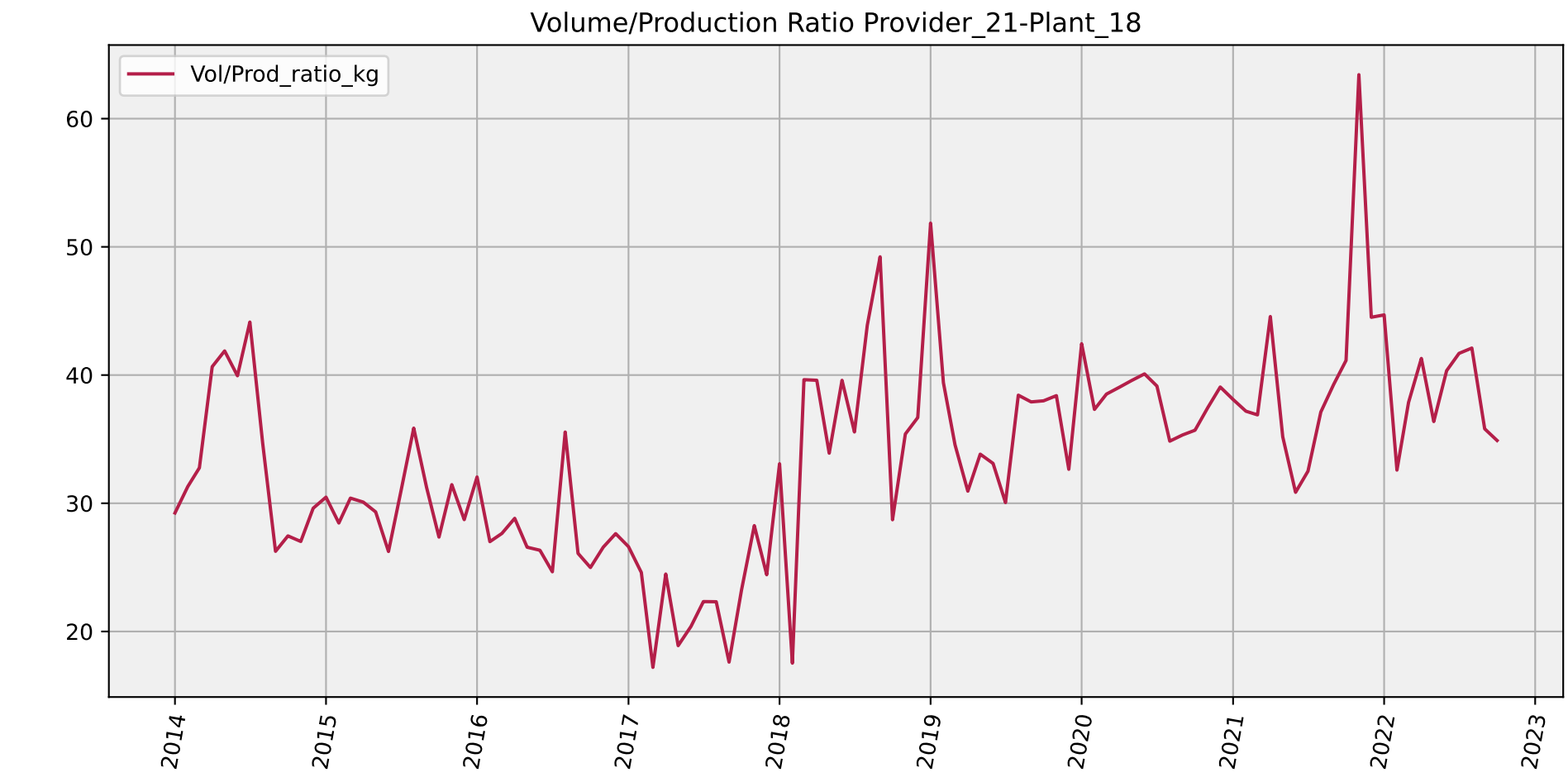

Incoming Volume Provider_21-Plant_15
Actual_Vol_[Tons]
Expected_Vol_[Tons]
800
600
400
200
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

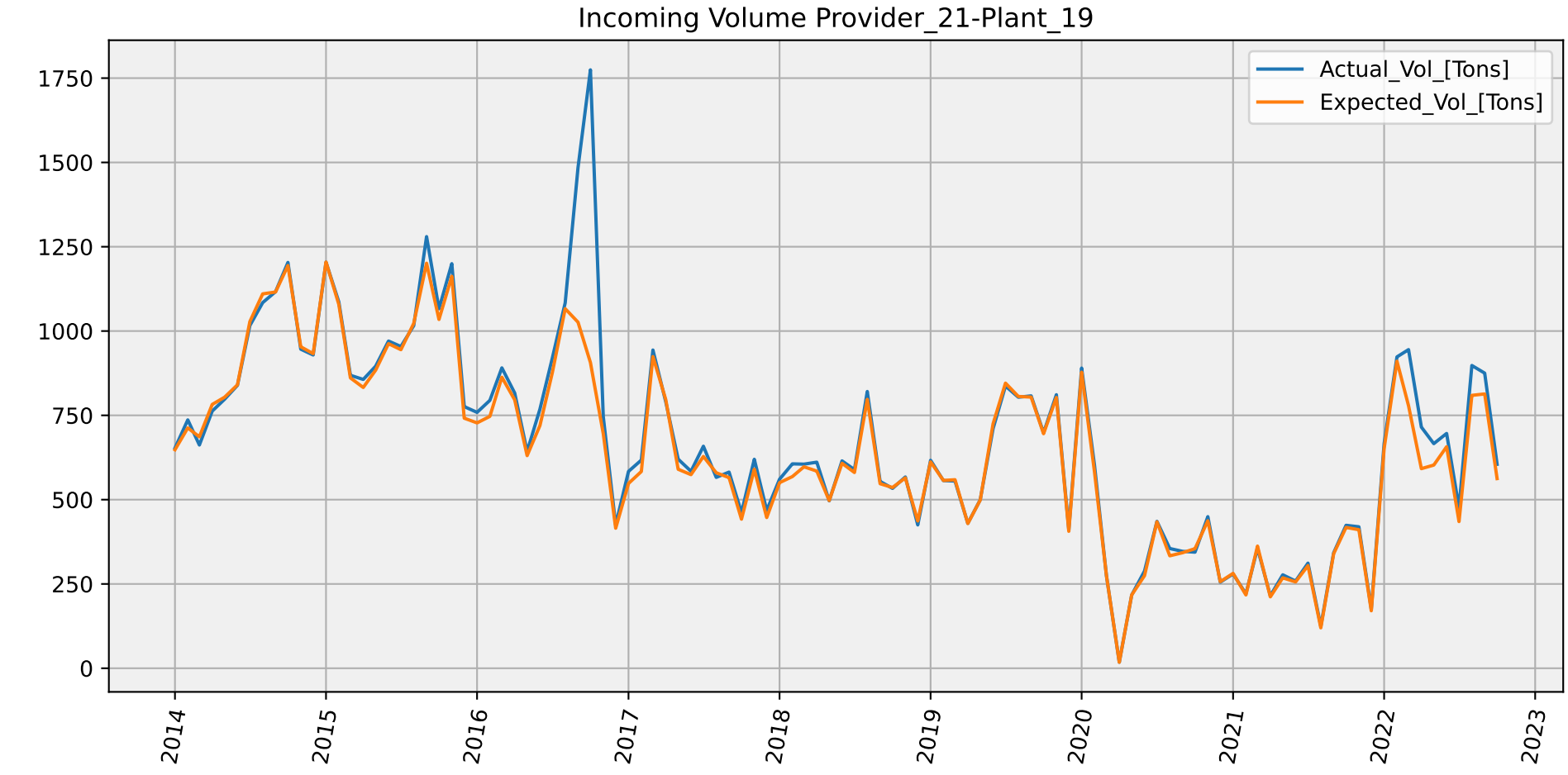

Production Level Plant_15
Production
35000
30000
25000
20000
15000
10000
5000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

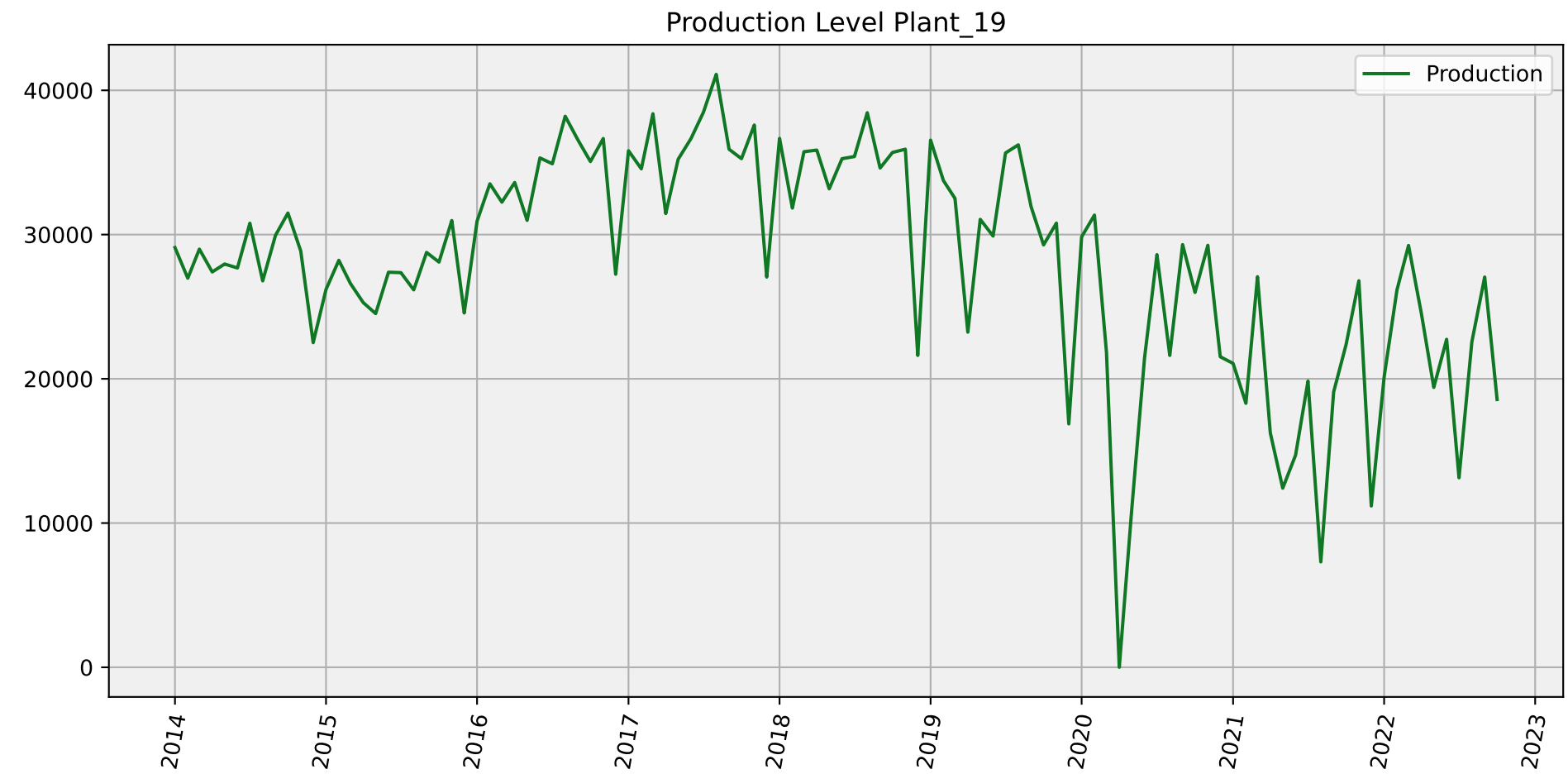

Volume/Production Ratio Provider_21-Plant_15
Vol/Prod_ratio_kg
40
35
30
25
20
15
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

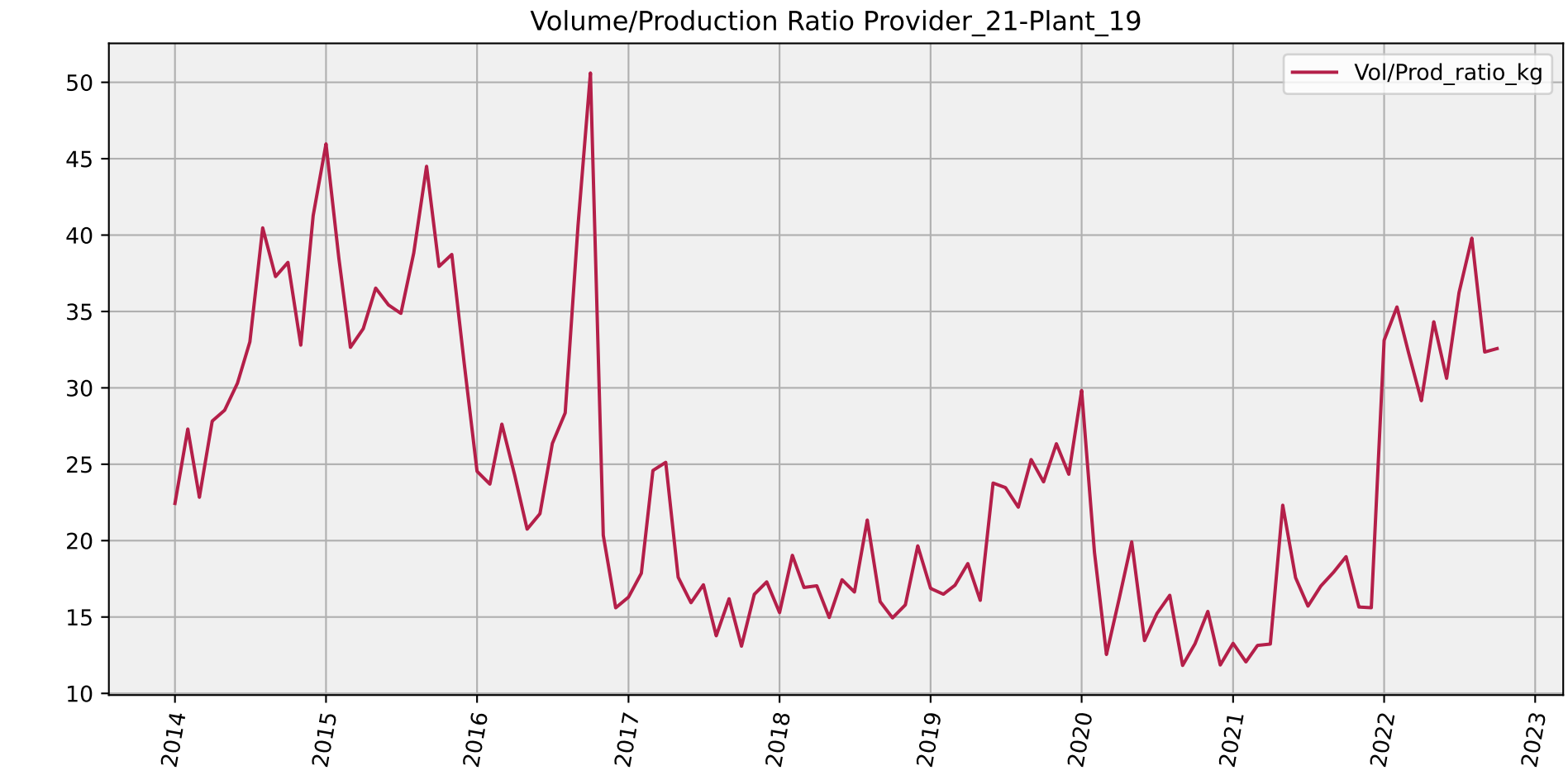

Incoming Volume Provider_21-Plant_18
Actual_Vol_[Tons]
Expected_Vol_[Tons]
800
600
400
200
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

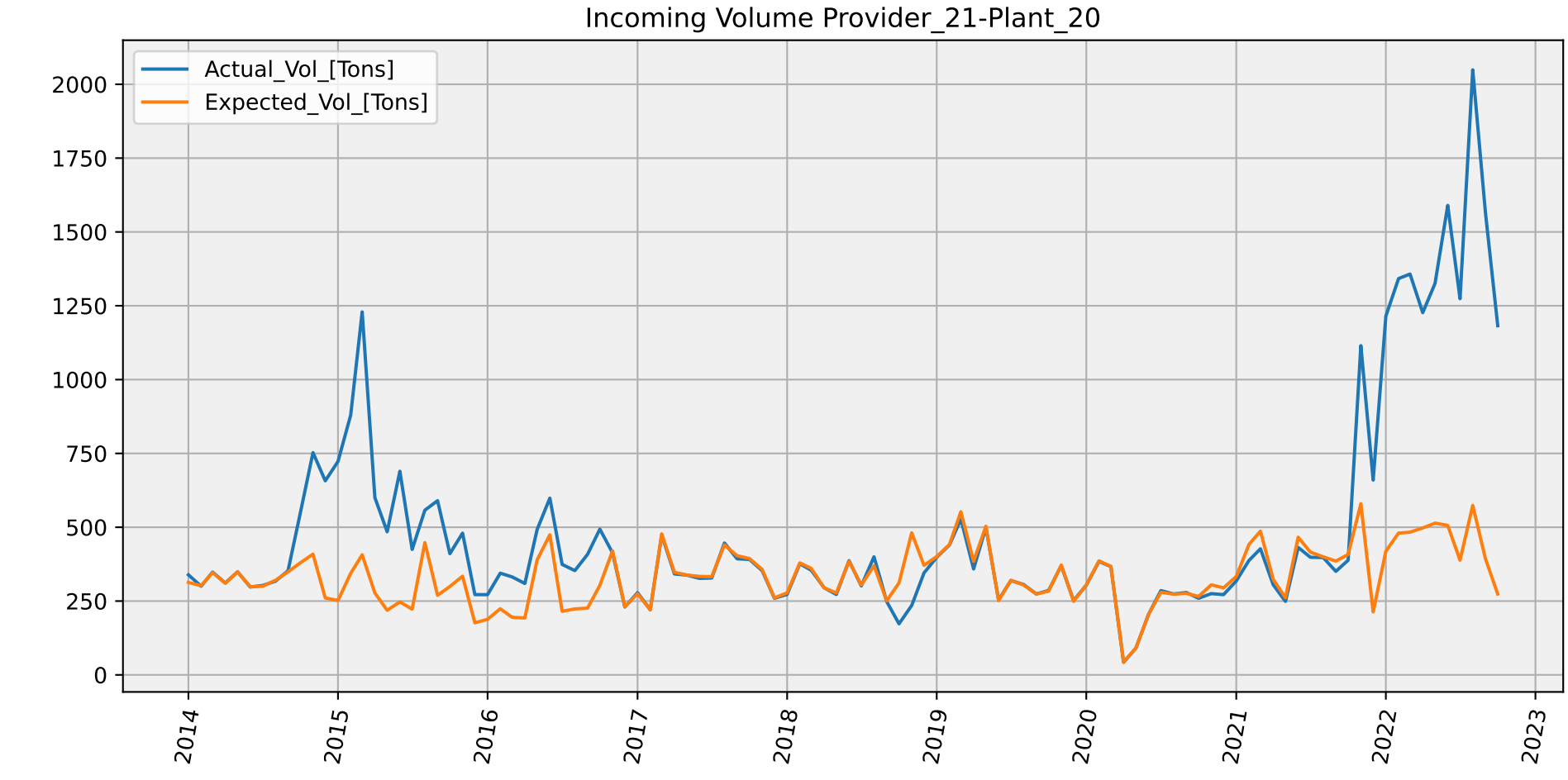

Production Level Plant_18
Production
17500
15000
12500
10000
7500
5000
2500
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

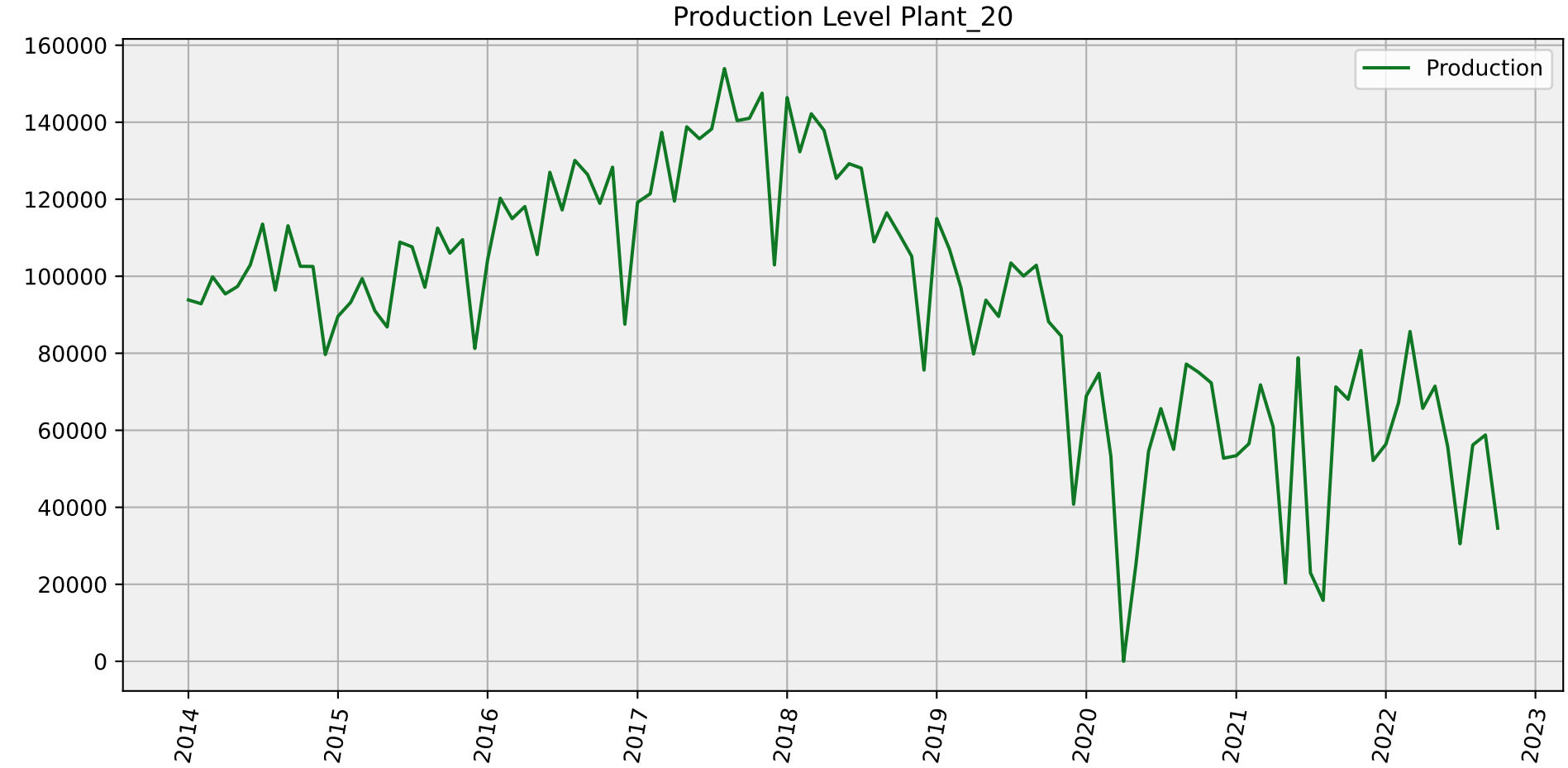

Volume/Production Ratio Provider_21-Plant_18
Vol/Prod_ratio_kg
60
50
40
30
20
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

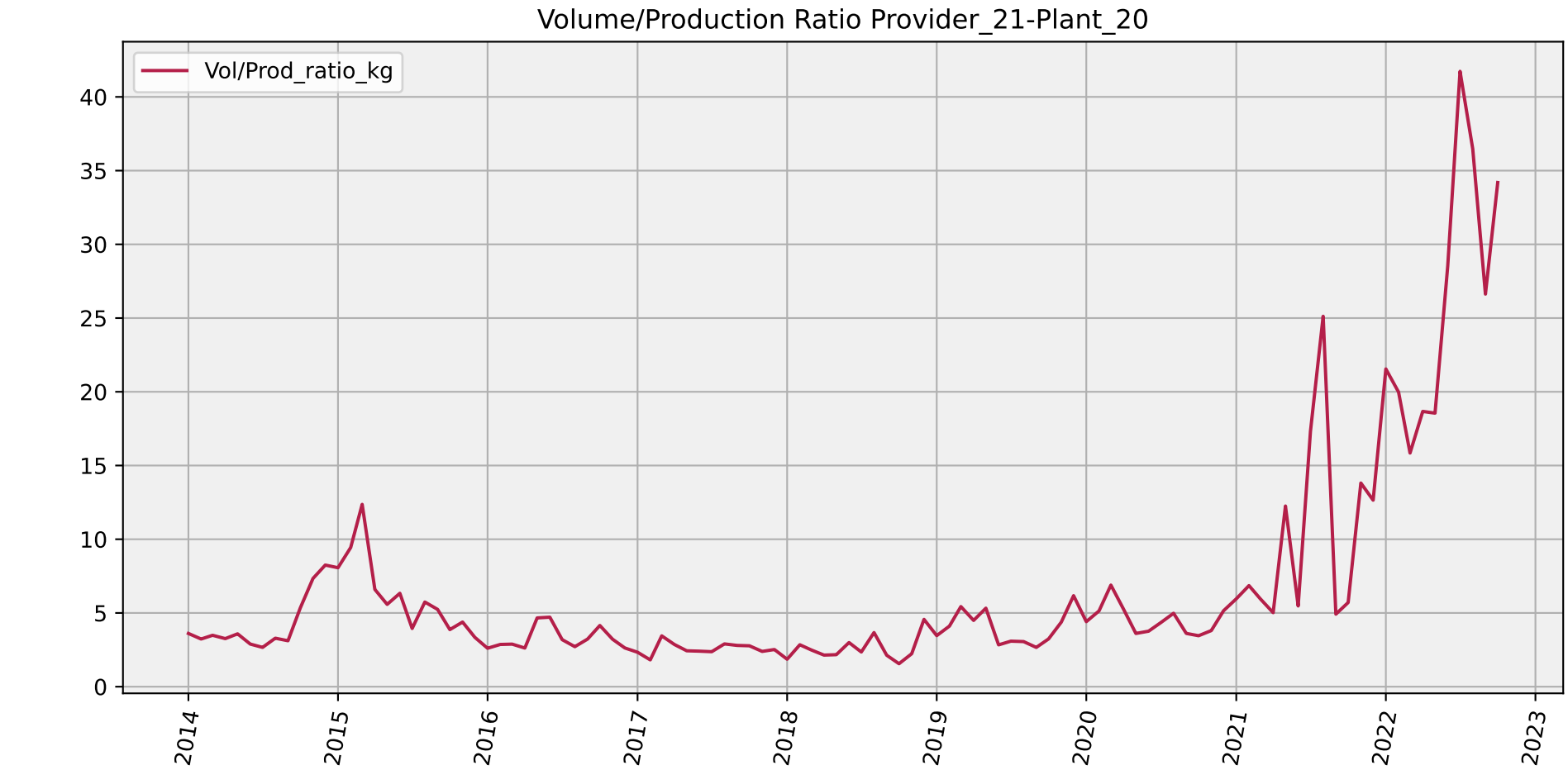

Incoming Volume Provider_21-Plant_19
Actual_Vol_[Tons]
Expected_Vol_[Tons]
1750
1500
1250
1000
750
500
250
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Production Level Plant_19
Production
40000
30000
20000
10000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

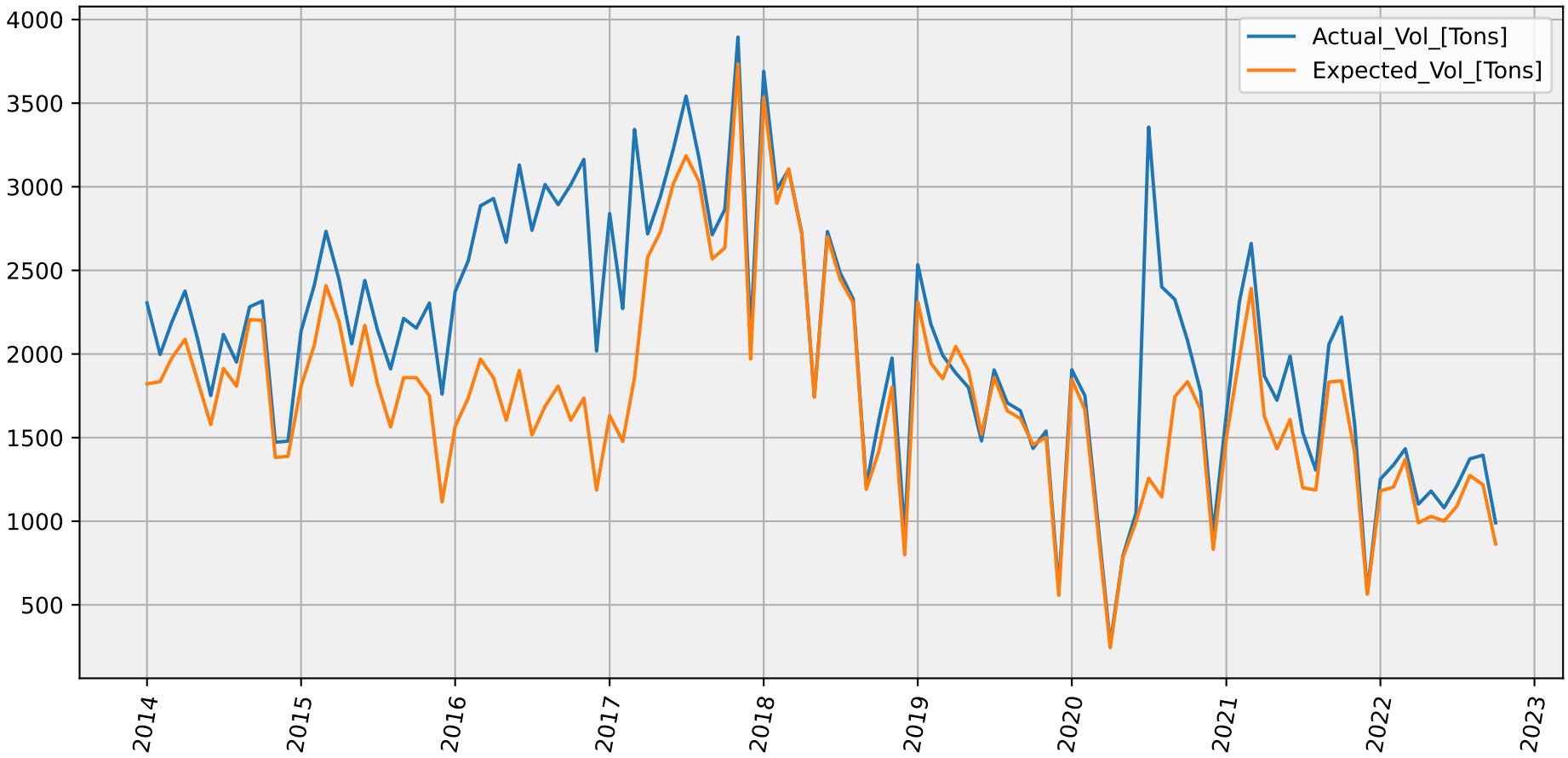

Volume/Production Ratio Provider_21-Plant_19
Vol/Prod_ratio_kg
50
45
40
35
30
25
20
15
10
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Incoming Volume Provider_21-Plant_20
Actual_Vol_[Tons]
Expected_Vol_[Tons]
2000
1750
1500
1250
1000
750
500
250
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

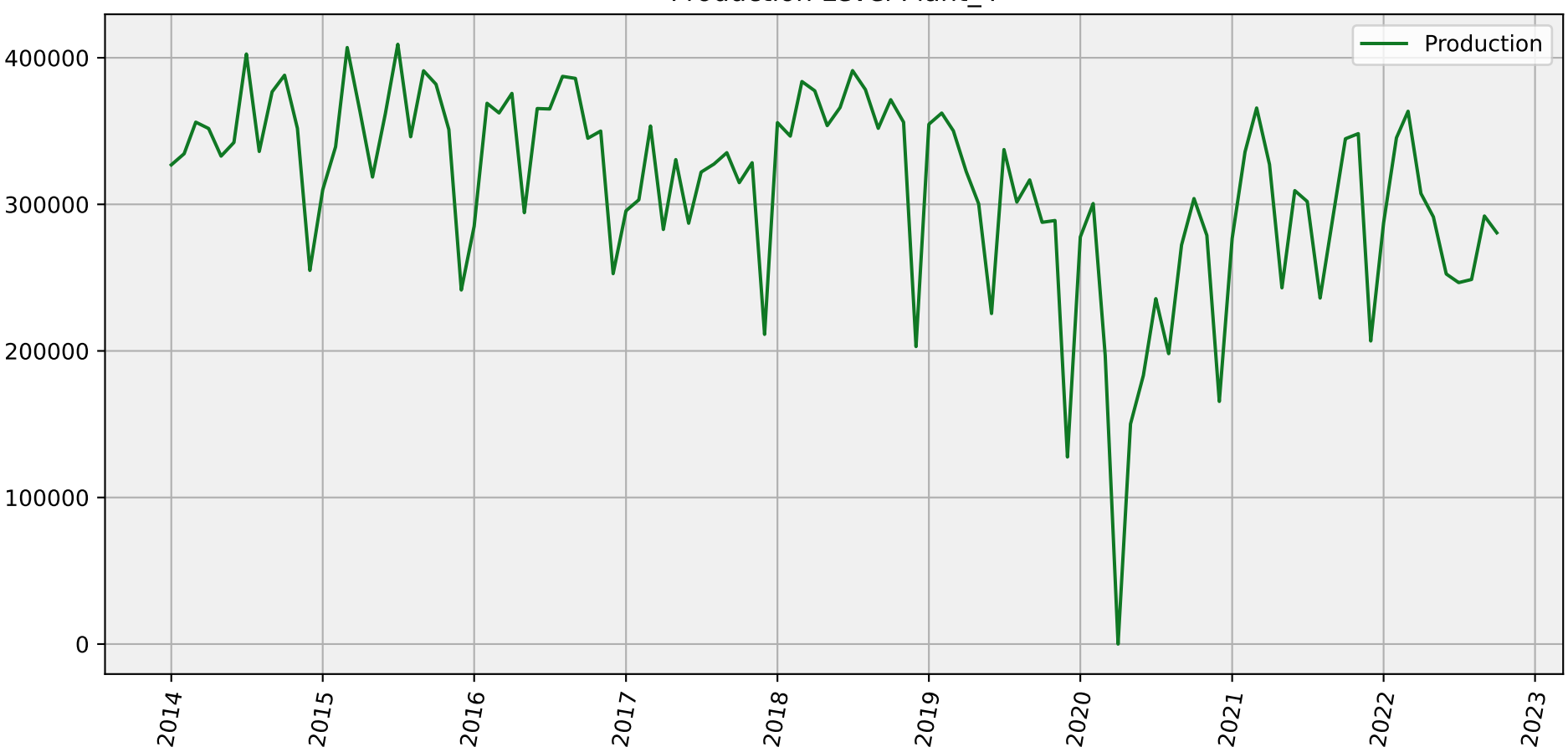

Production Level Plant_20
Production
160000
140000
120000
100000
80000
60000
40000
20000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_21-Plant_20
Vol/Prod_ratio_kg
40
35
30
25
20
15
10
5
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

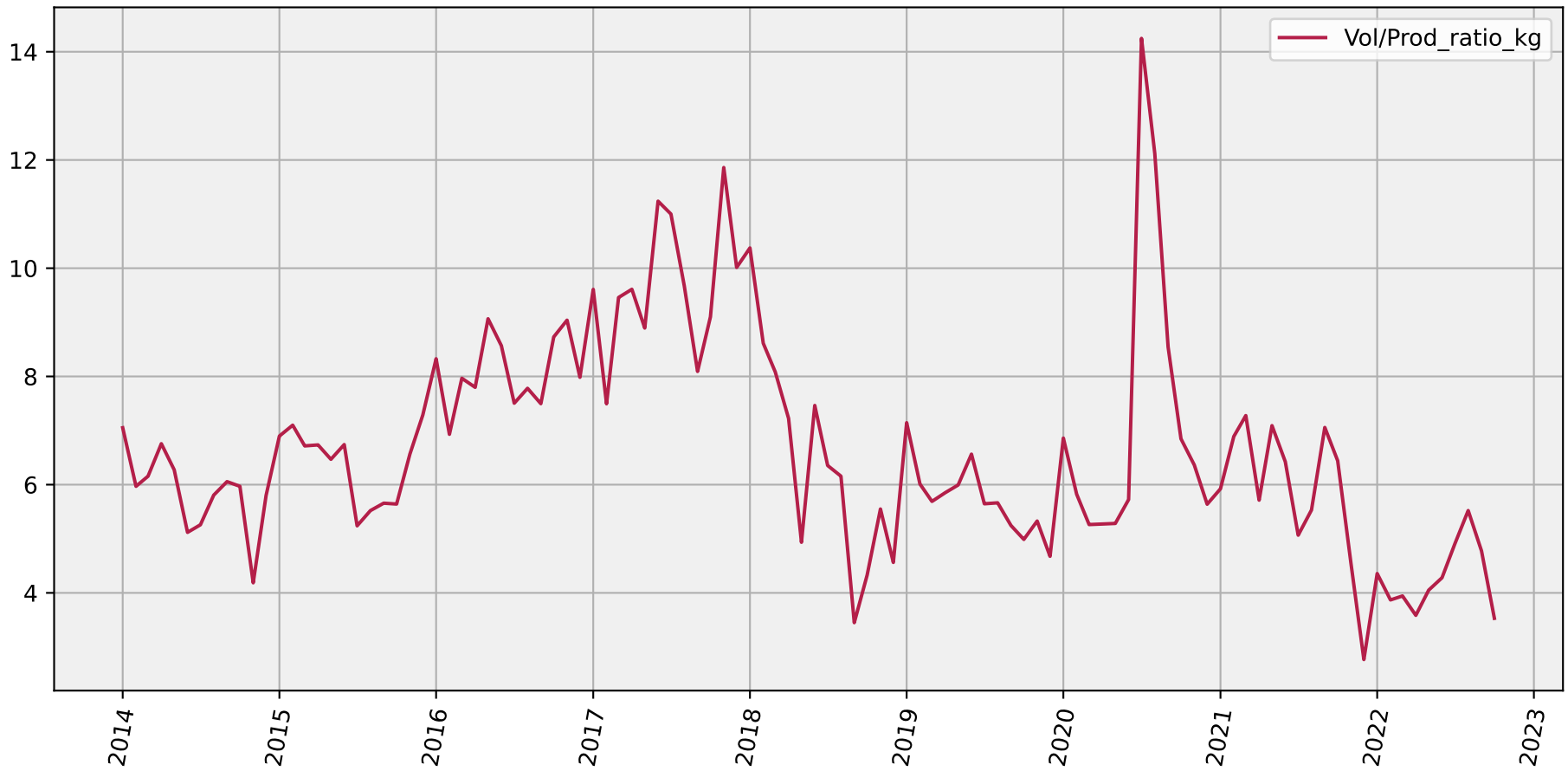
Incoming Volume Provider_21-Plant_4

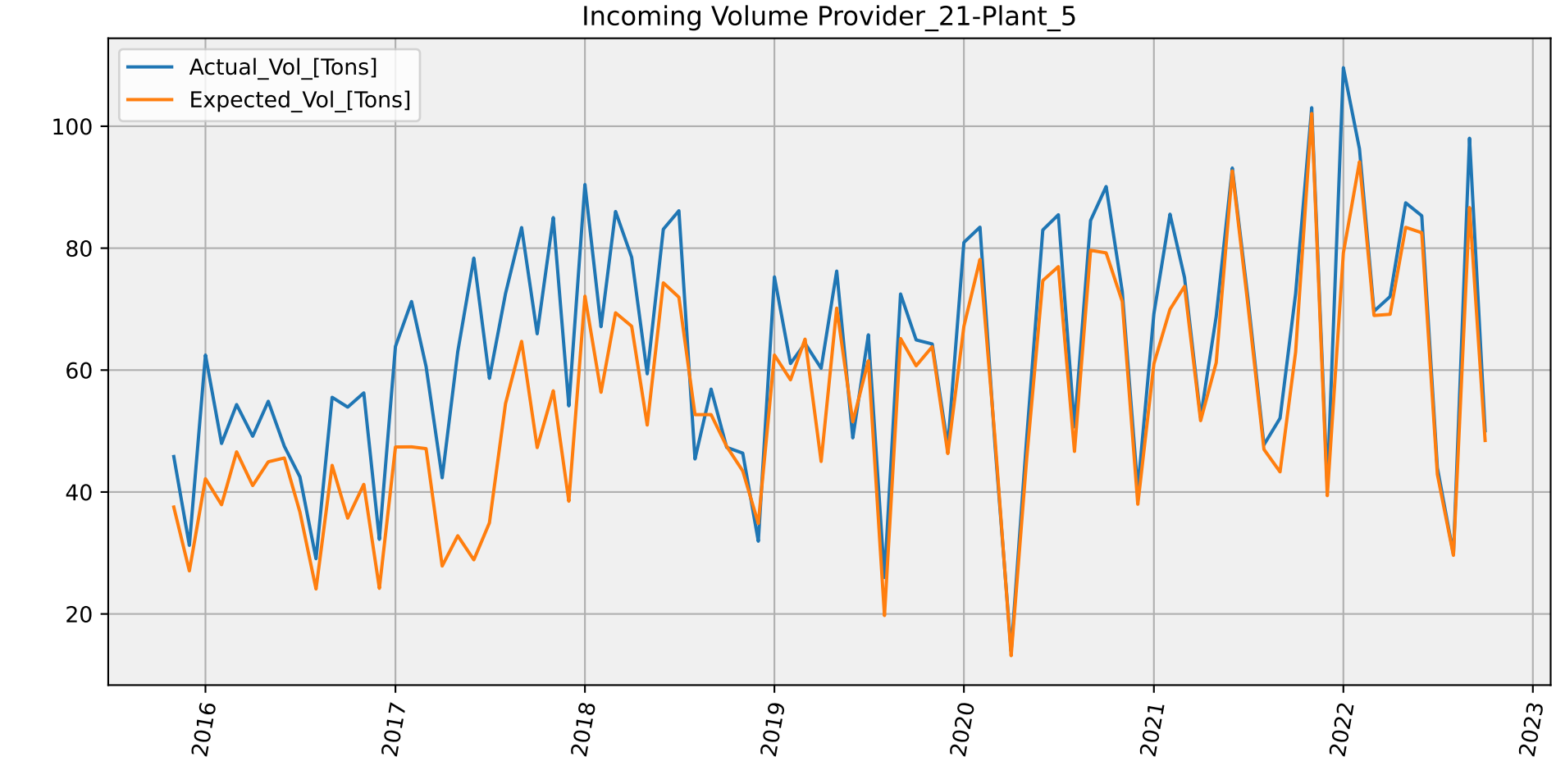


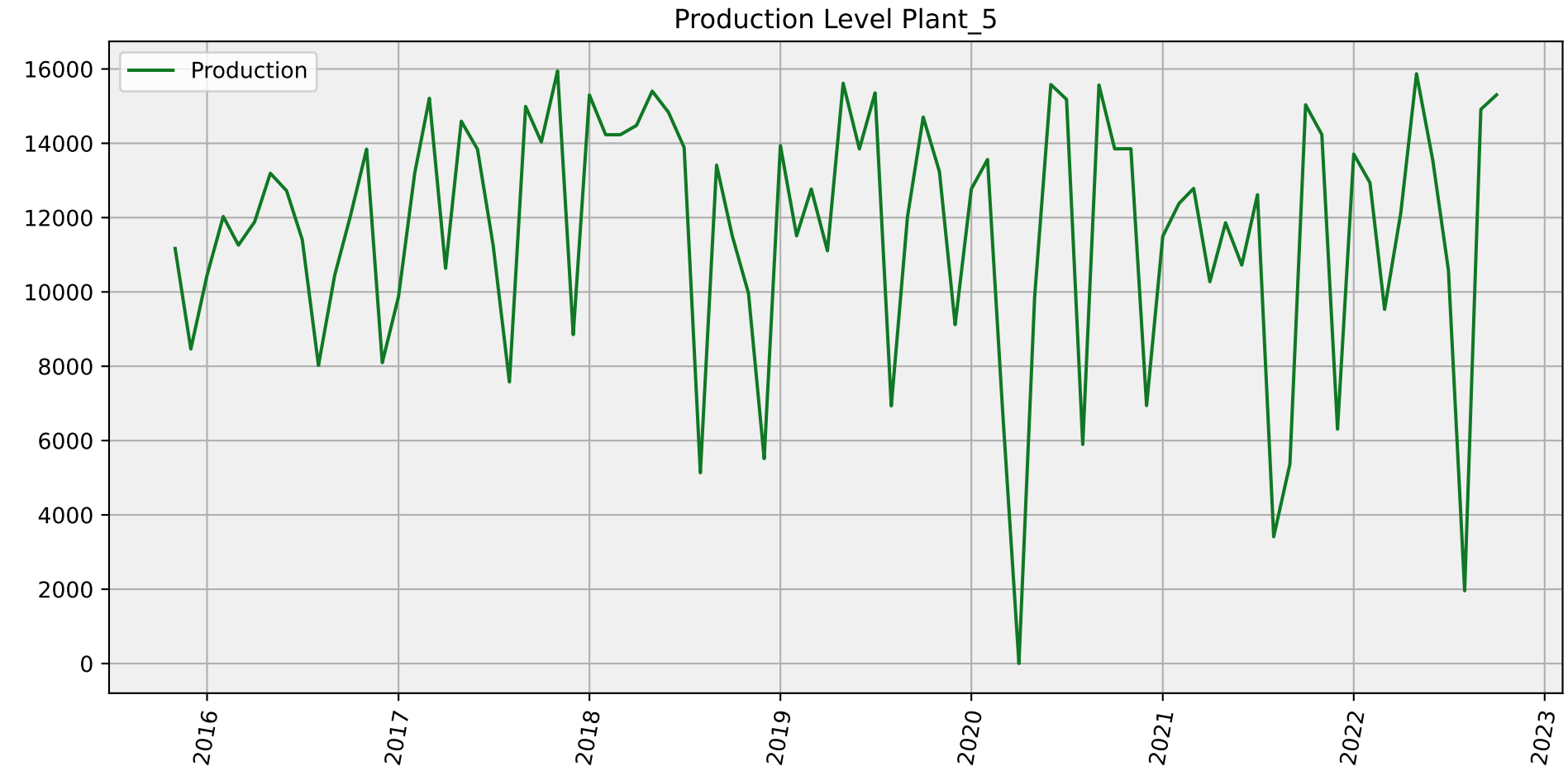
Production Level Plant_4

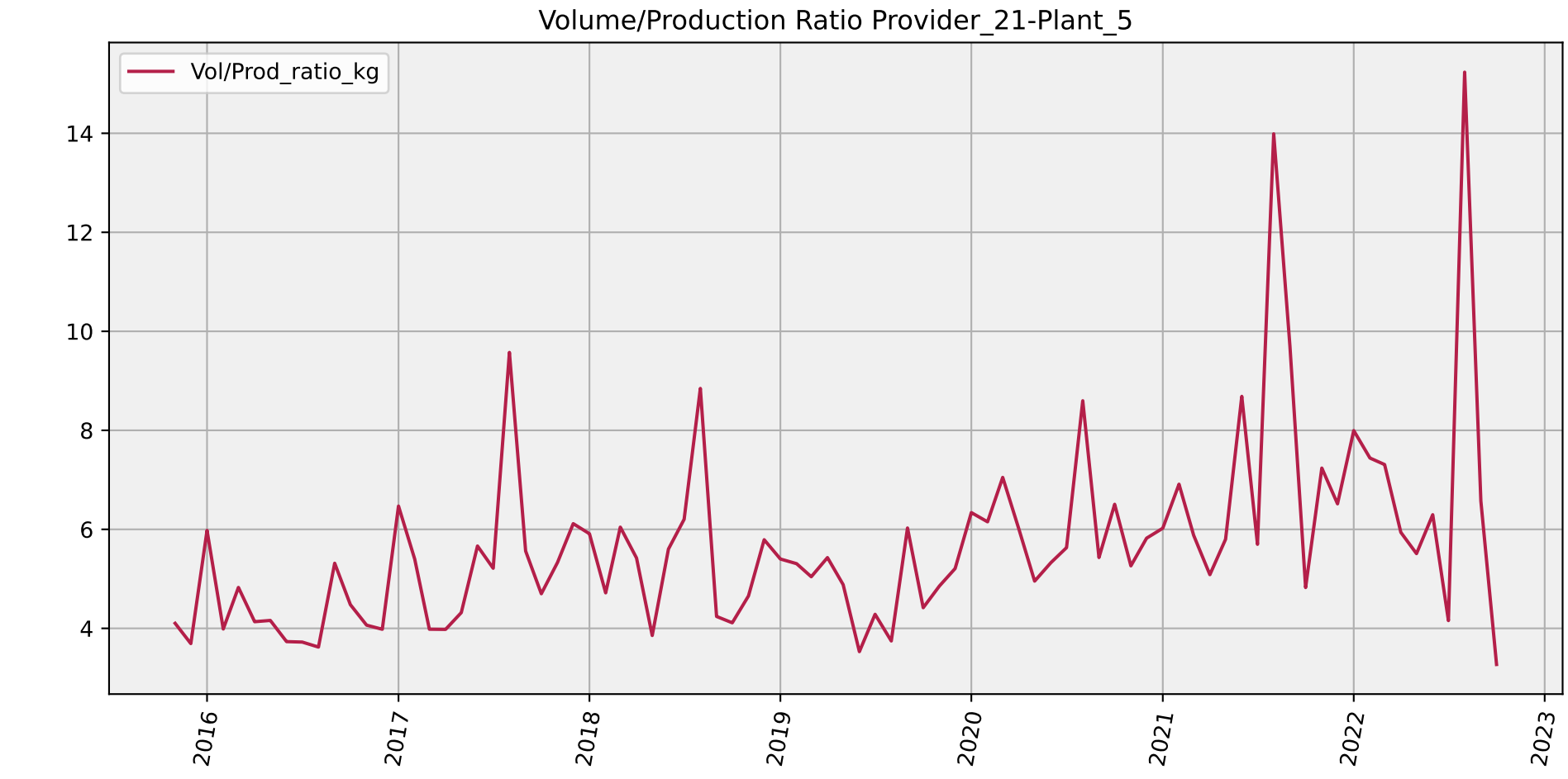


Volume/Production Ratio Provider_21-Plant_4

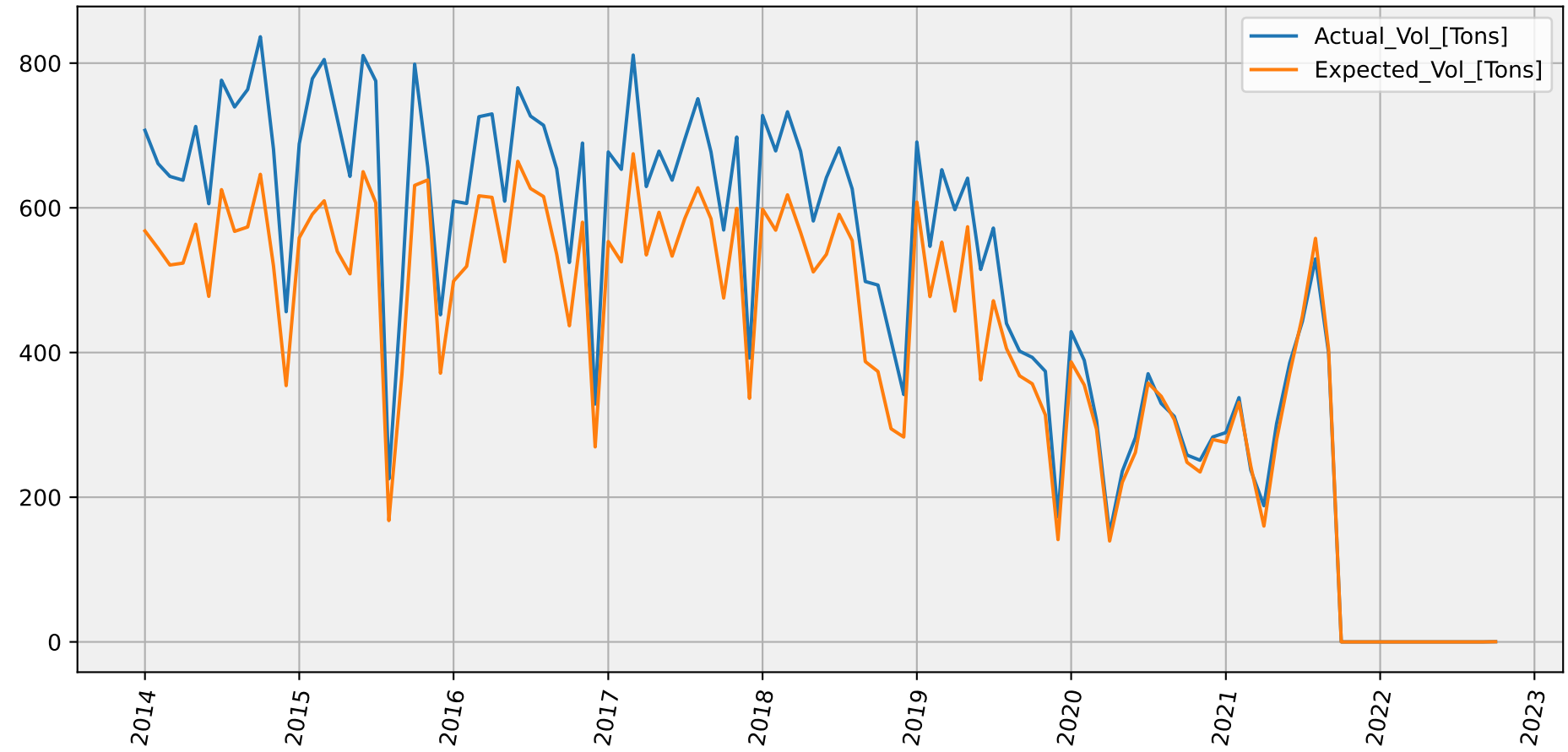



Incoming Volume Provider_21-Plant_5
Actual_Vol_[Tons]
Expected_Vol_[Tons]
100
80
60
40
20
2016
2017
2018
2019
2020
2021
2022
2023

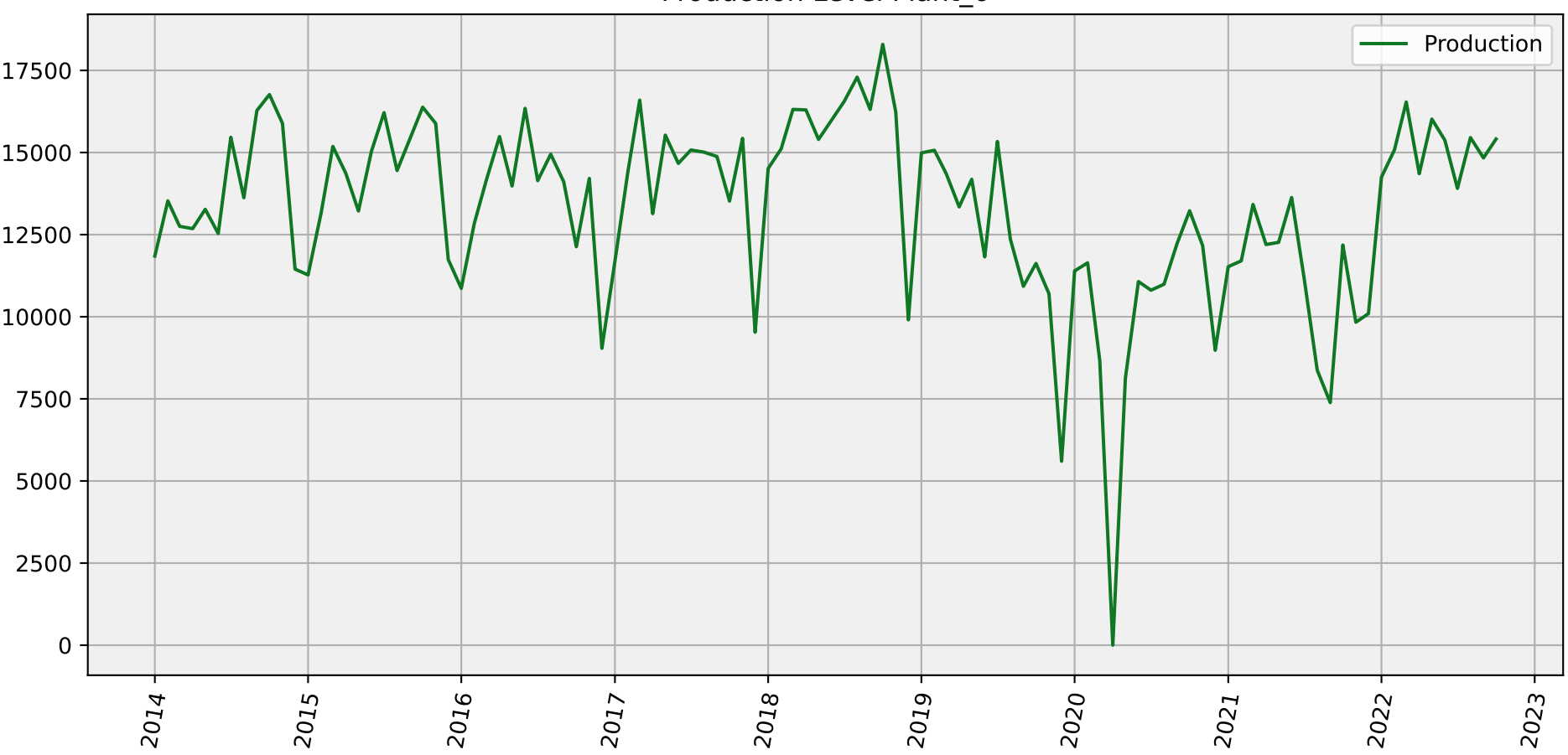

Production Level Plant_5
Production
16000
14000
12000
10000
8000
6000
4000
2000
0
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_21-Plant_5
Vol/Prod_ratio_kg
14
12
10
8
6
4
2016
2017
2018
2019
2020
2021
2022
2023

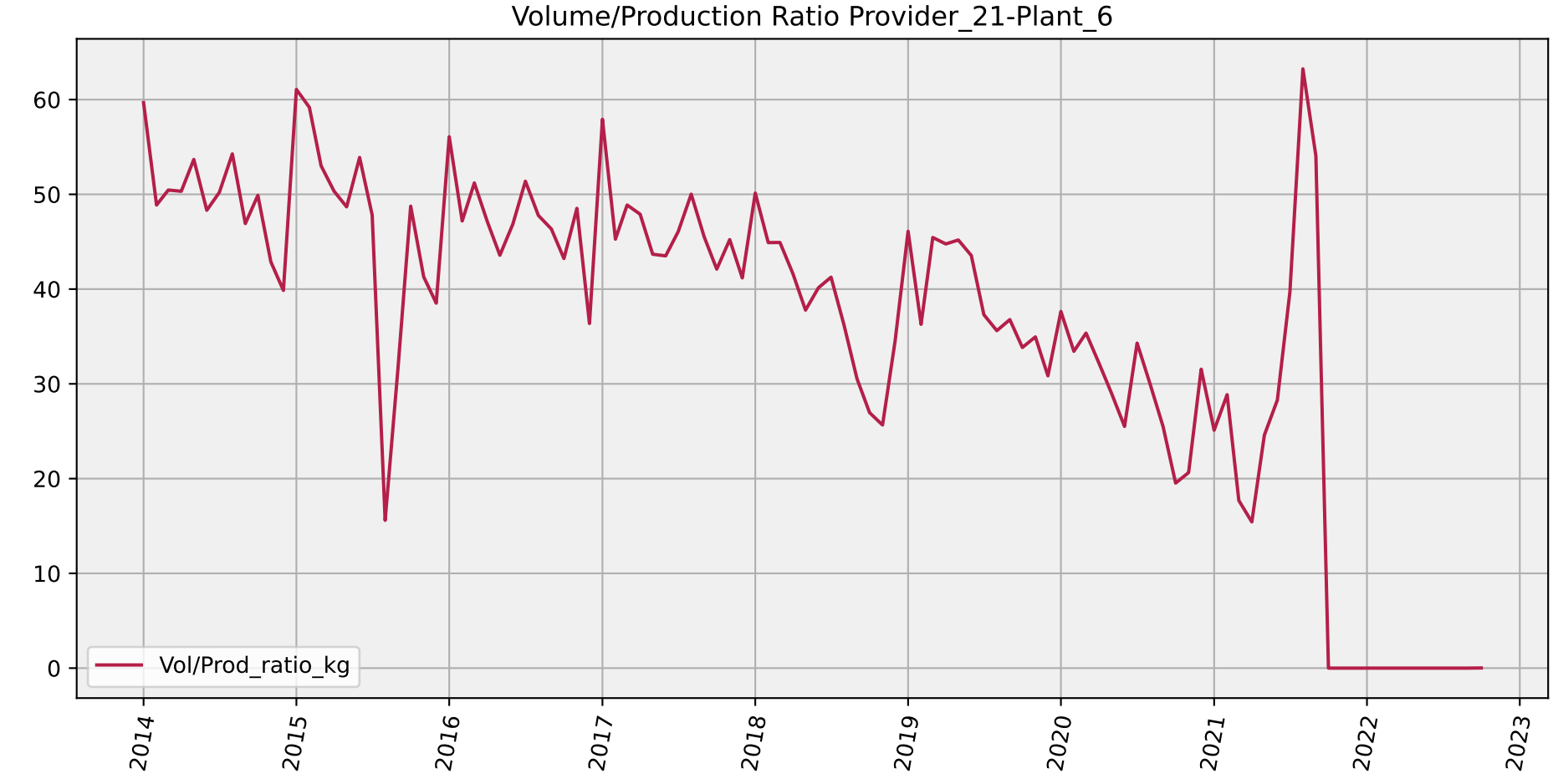
Incoming Volume Provider_21-Plant_6

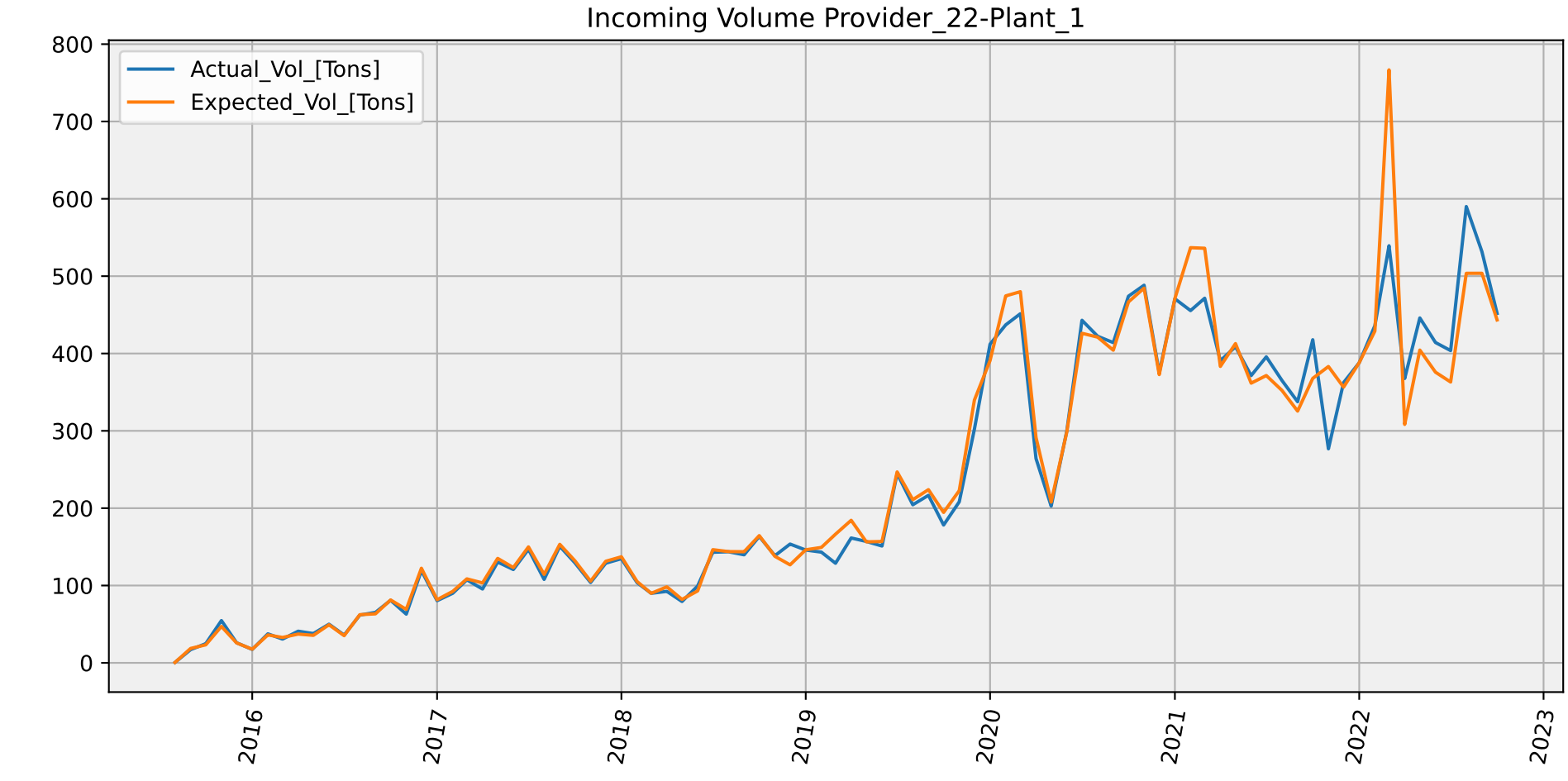


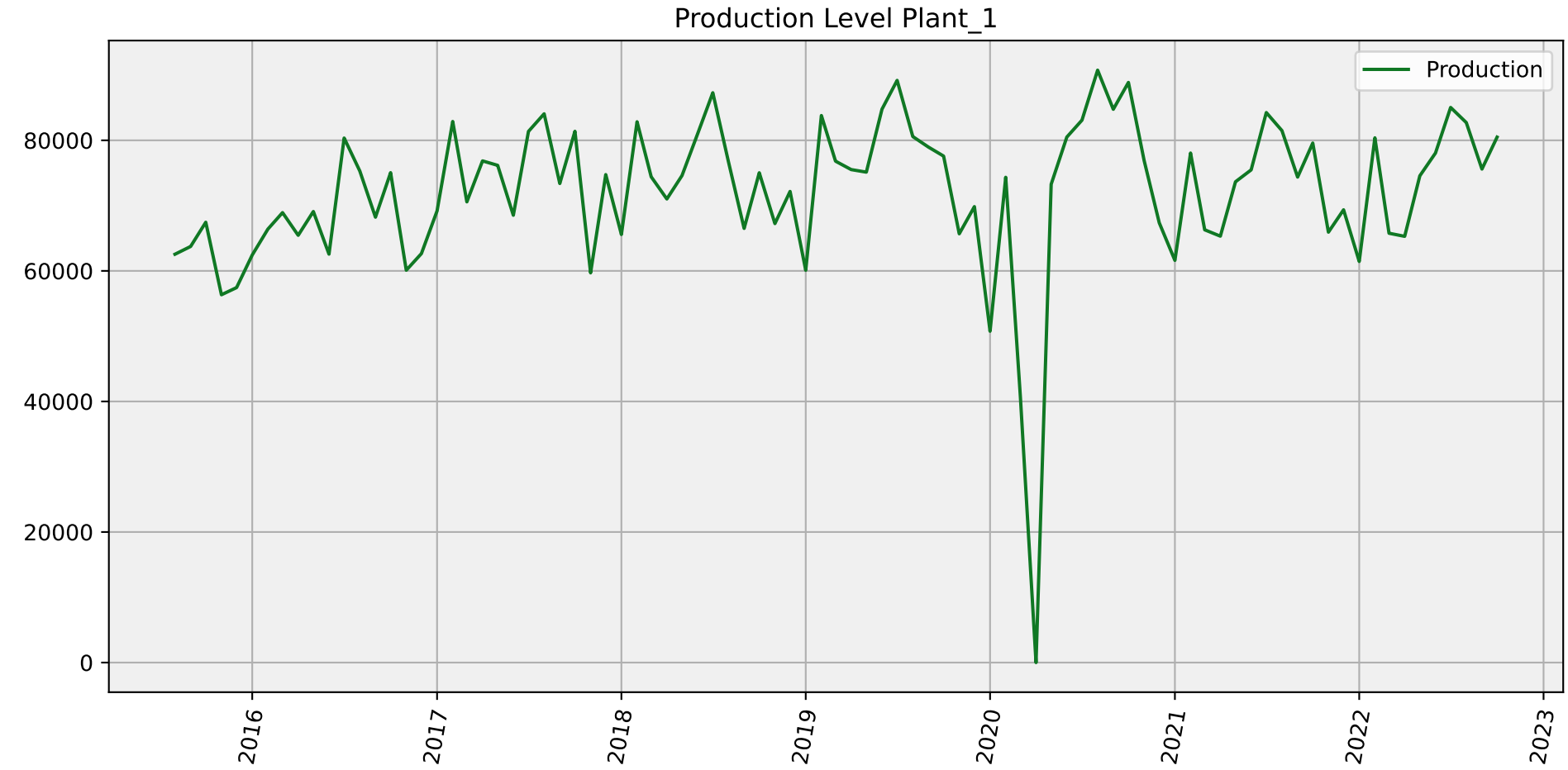
Production Level Plant_6

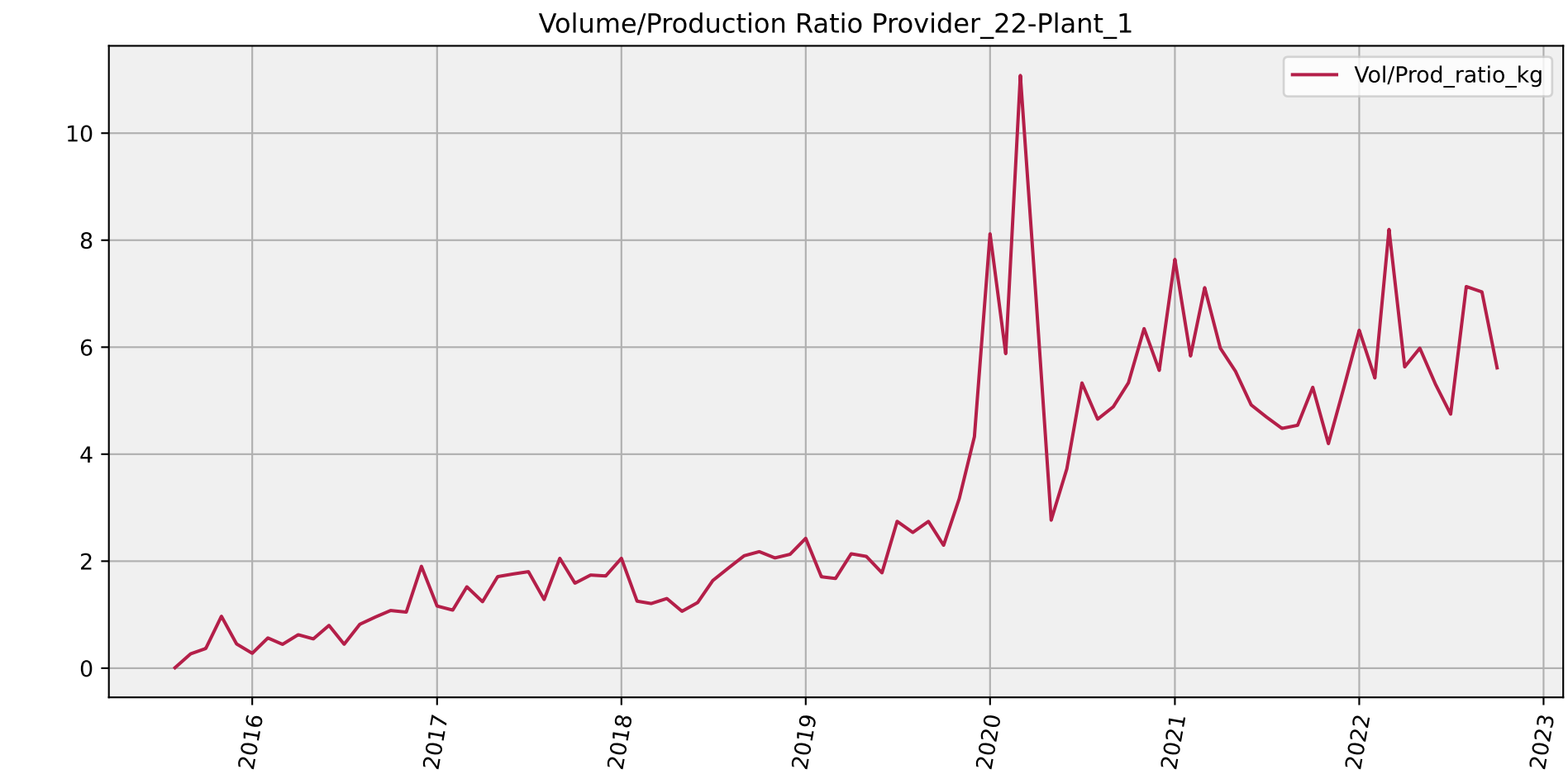


Volume/Production Ratio Provider_21-Plant_6

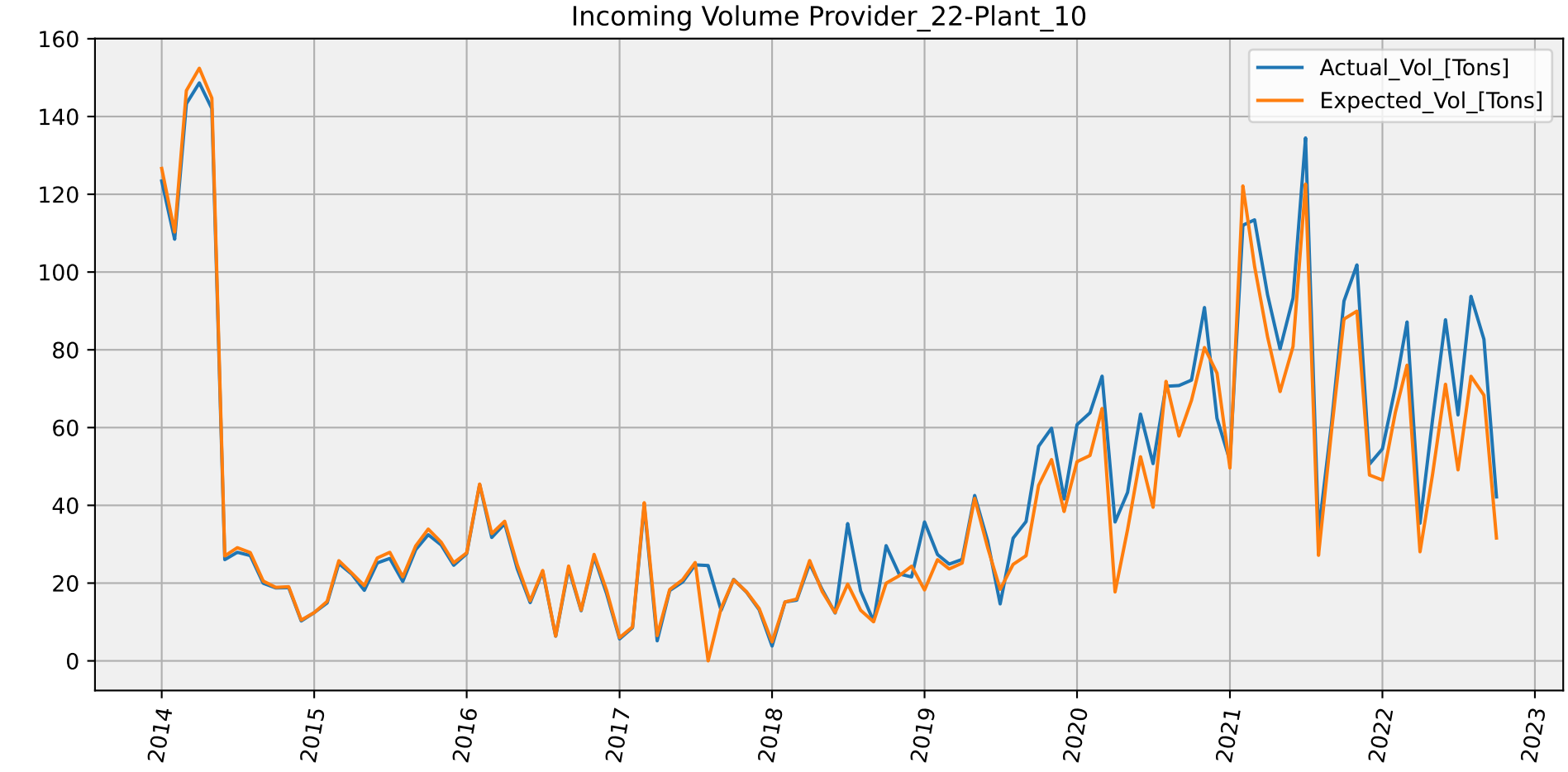



Incoming Volume Provider_22-Plant_1
Actual_Vol_[Tons]
Expected_Vol_[Tons]
800
700
600
500
400
300
200
100
0
2016
2017
2018
2019
2020
2021
2022
2023

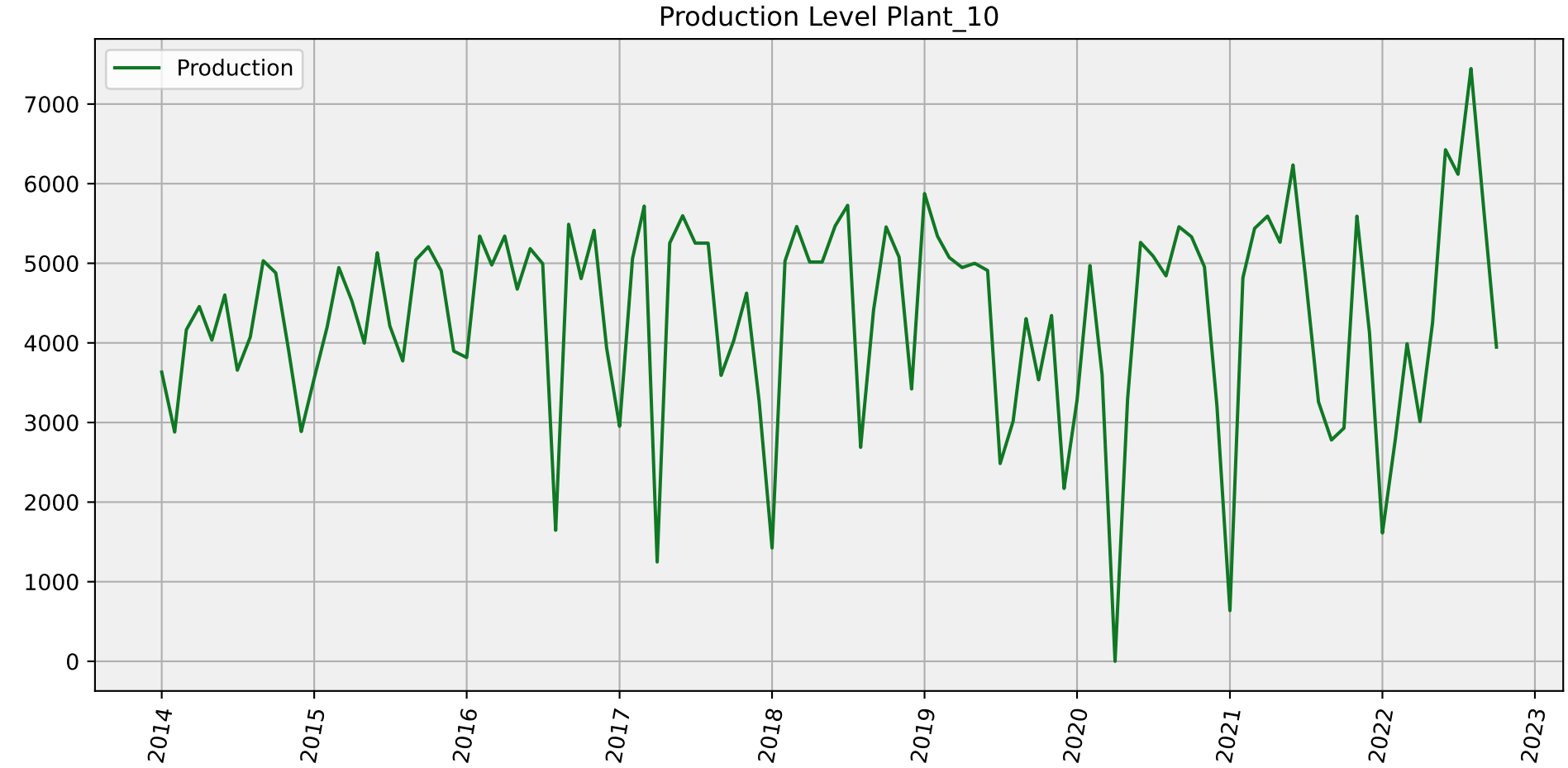

Production Level Plant_1
Production
80000
60000
40000
20000
0
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_22-Plant_1
Vol/Prod_ratio_kg
10
8
6
4
2
0
2016
2017
2018
2019
2020
2021
2022
2023

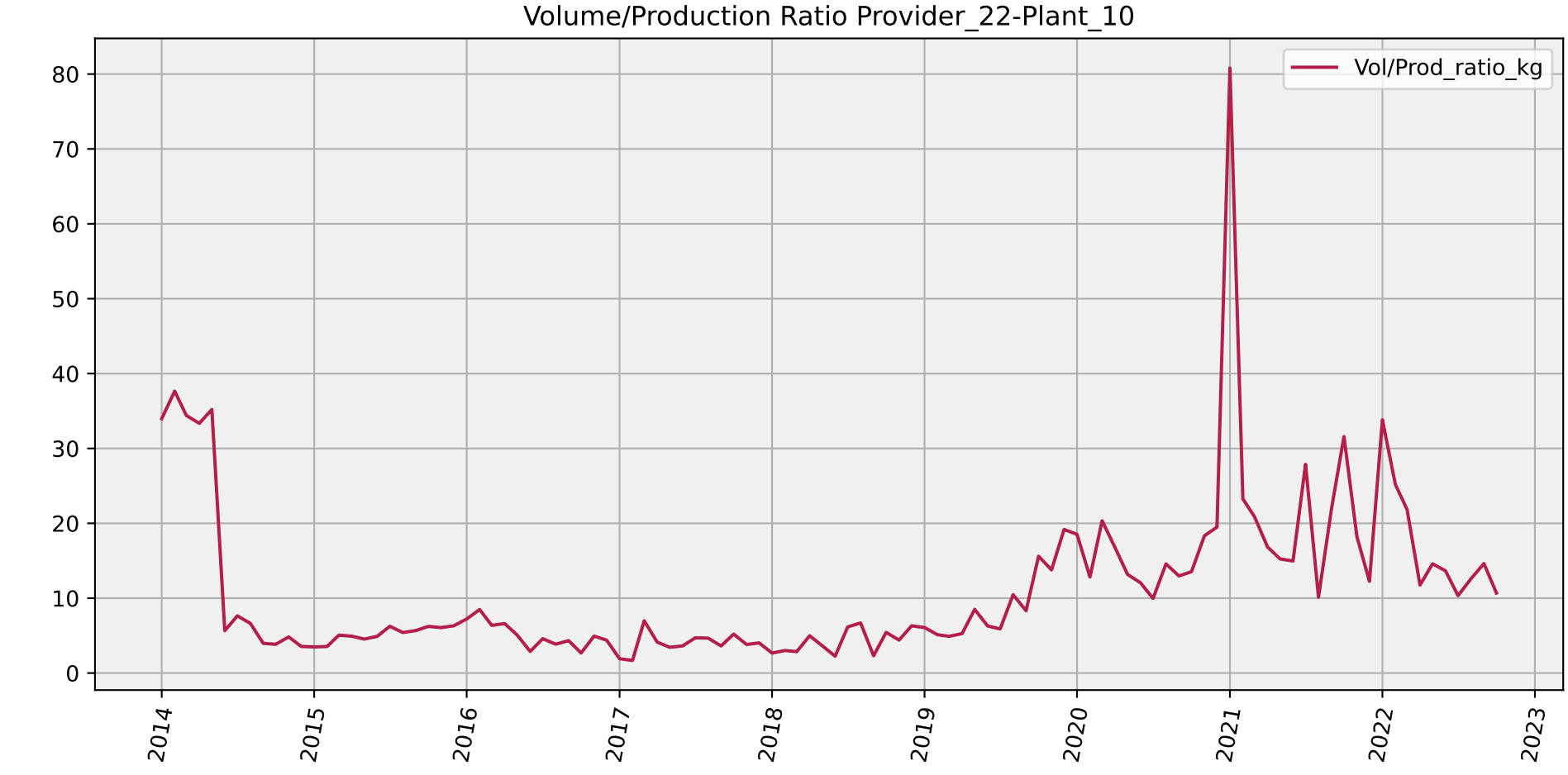
Incoming Volume Provider_22-Plant_10

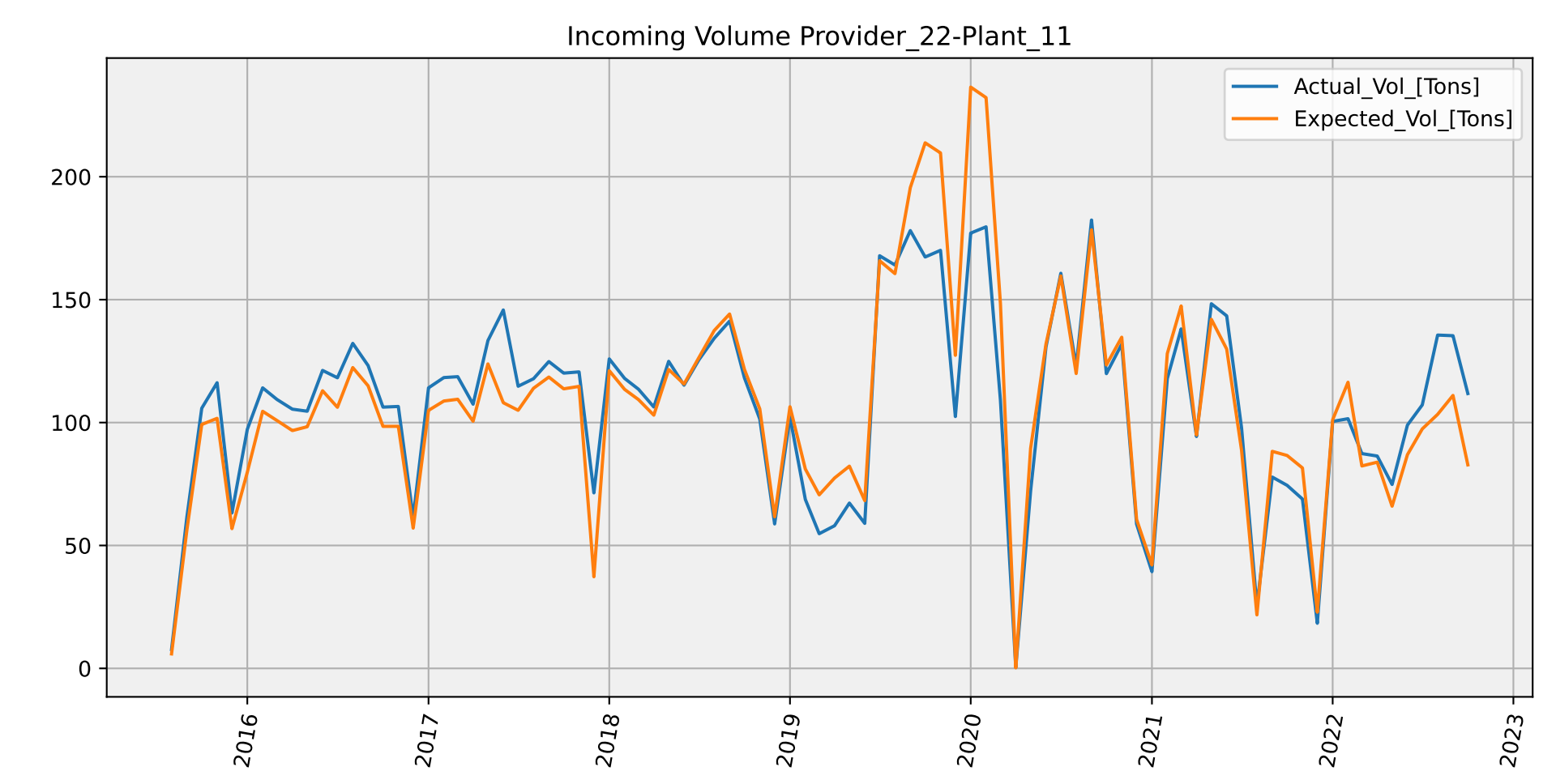


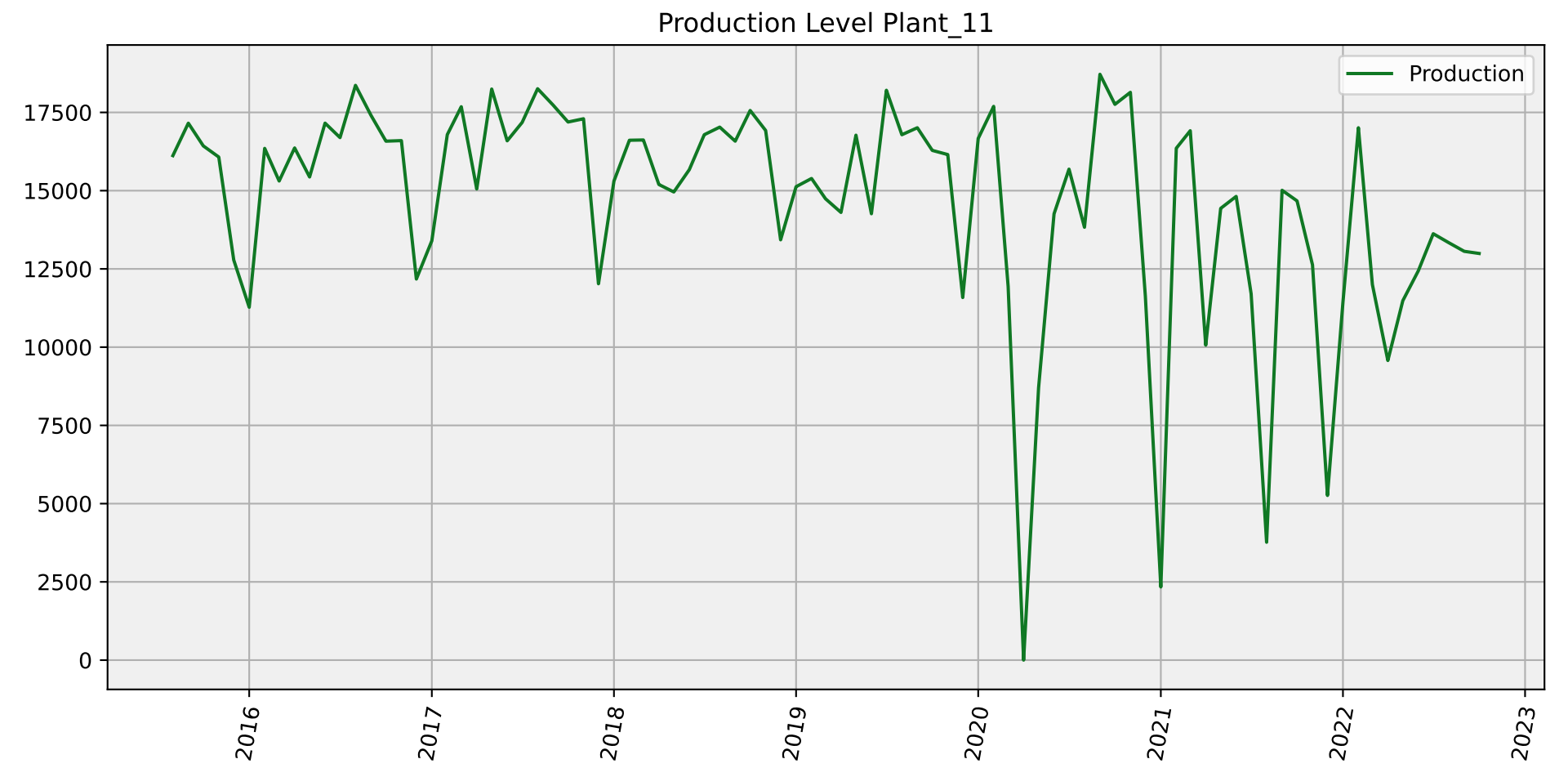
Production Level Plant_10

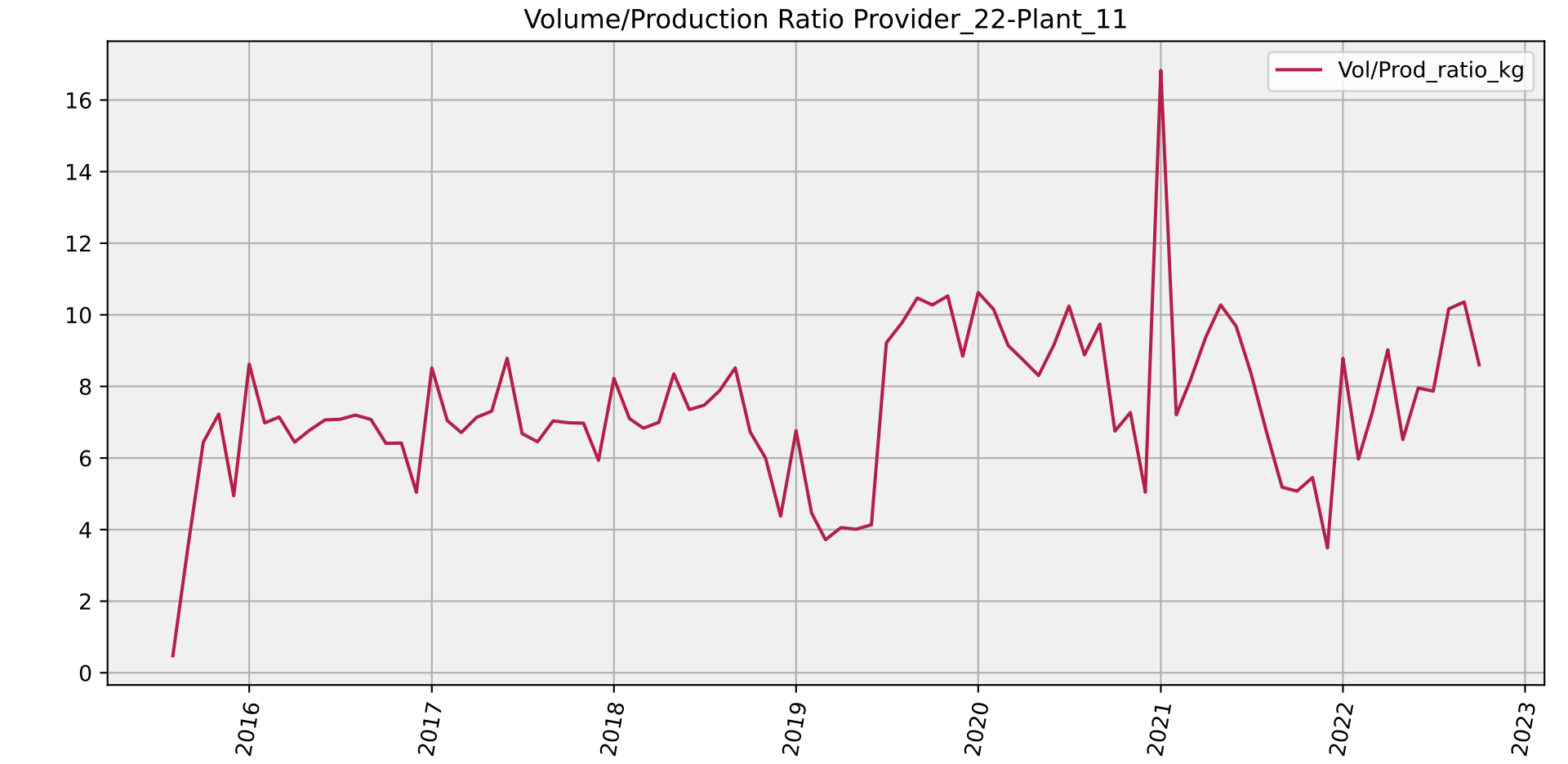


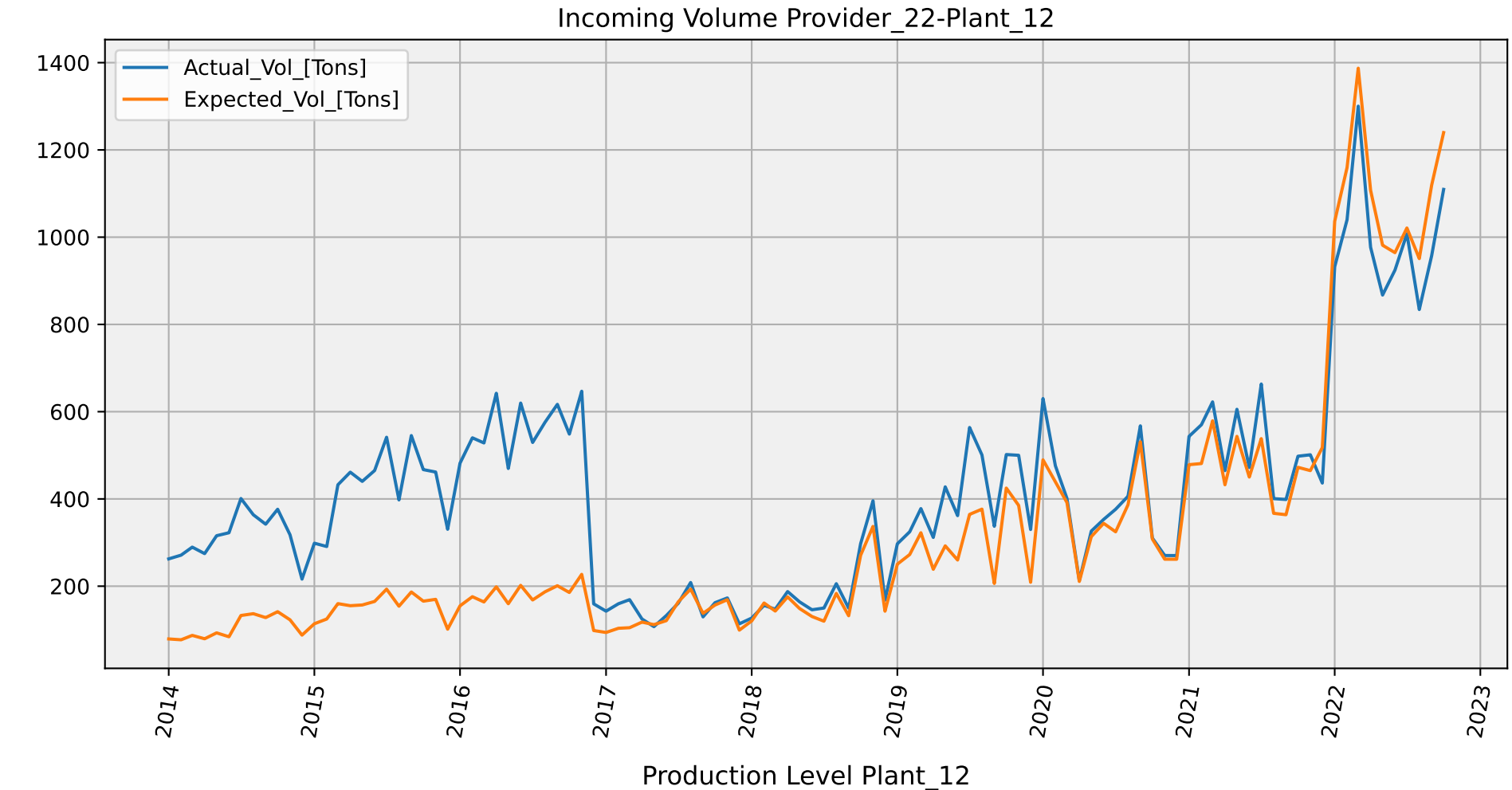
Volume/Production Ratio Provider_22-Plant_10

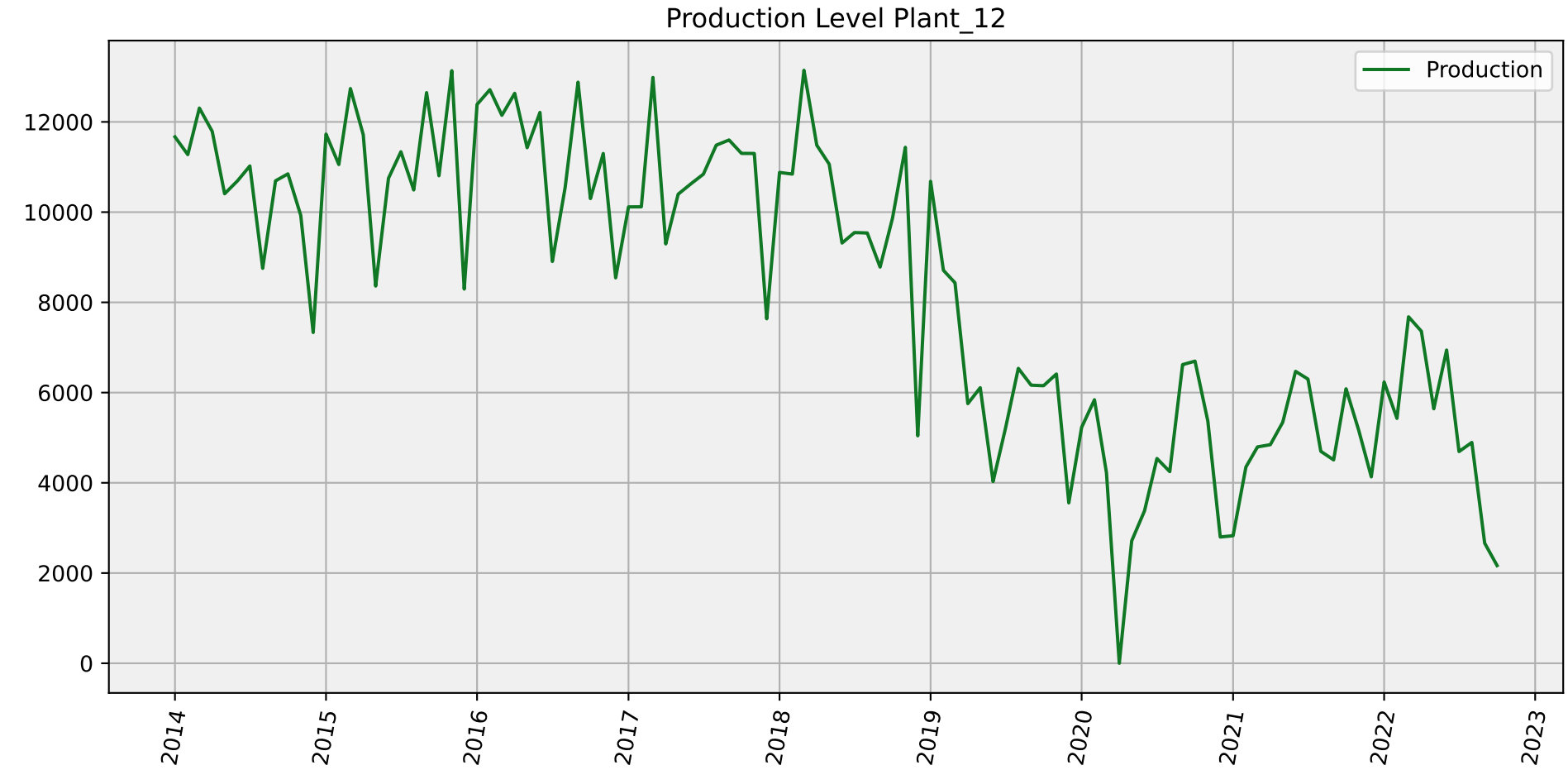


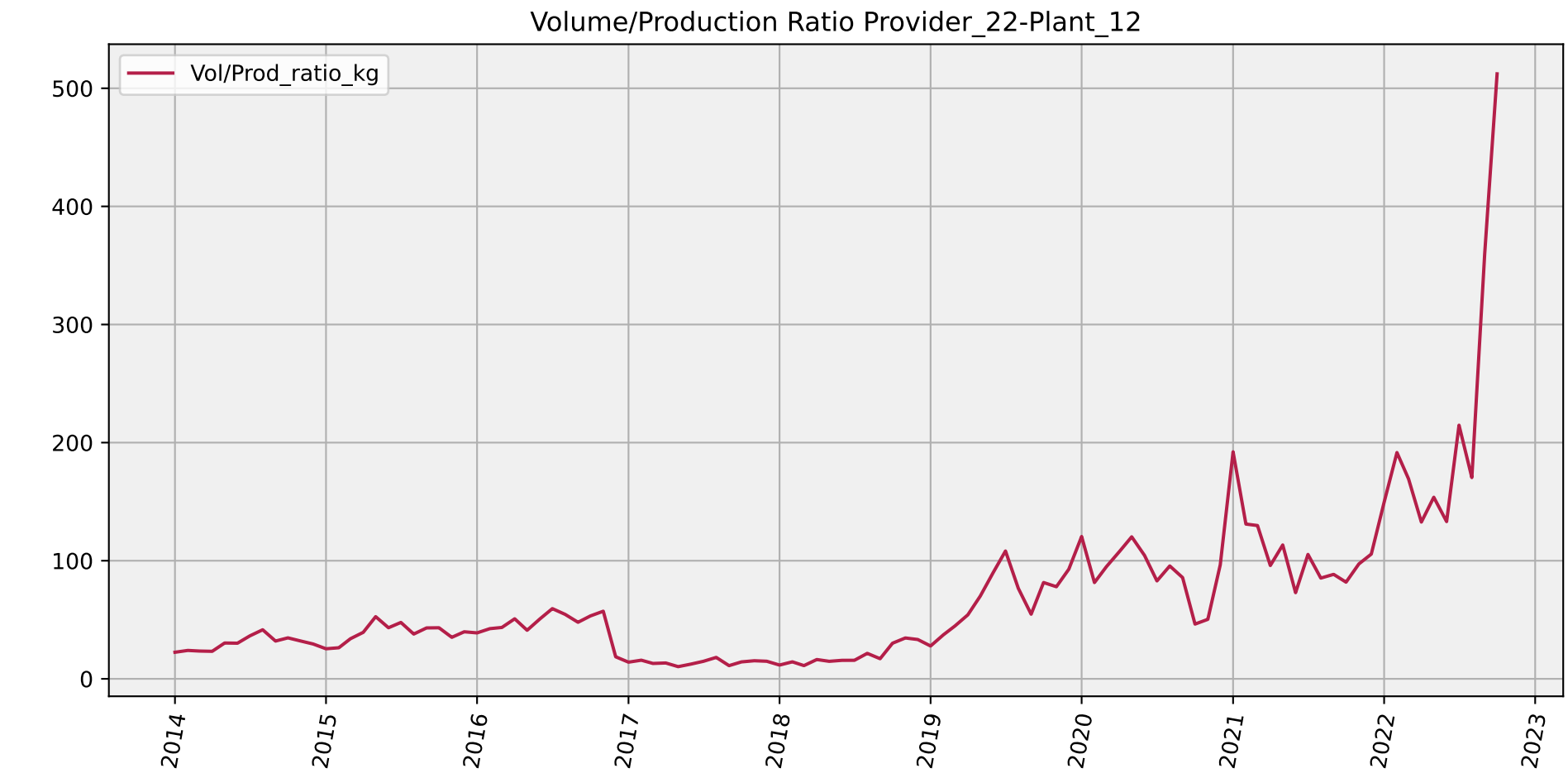

Incoming Volume Provider_22-Plant_11
Actual_Vol_[Tons]
Expected_Vol_[Tons]
200
150
100
50
0
2016
2017
2018
2019
2020
2021
2022
2023


Production Level Plant_11
Production
17500
15000
12500
10000
7500
5000
2500
0
2016
2017
2018
2019
2020
2021
2022
2023

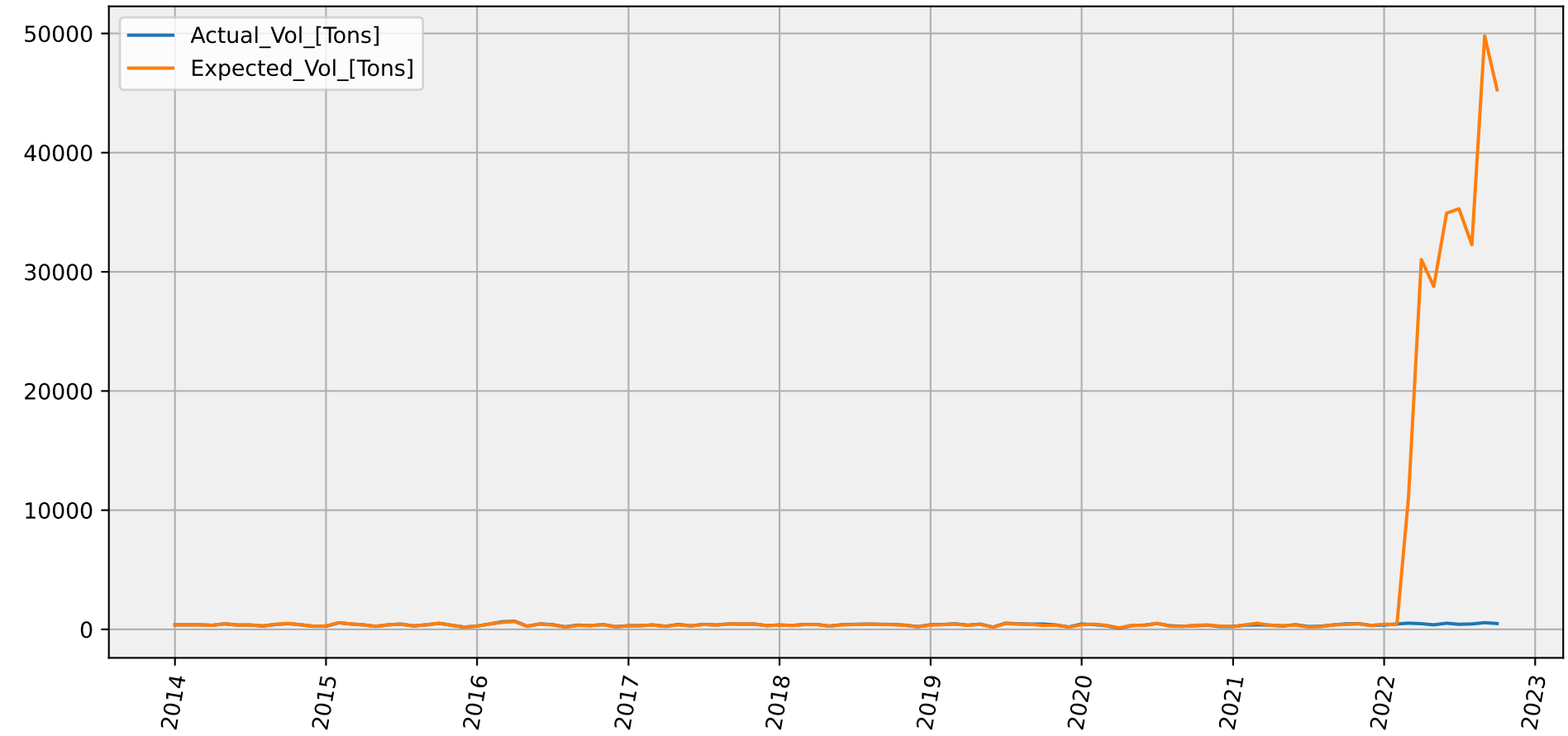

Volume/Production Ratio Provider_22-Plant_11
Vol/Prod_ratio_kg
16
14
12
10
8
6
4
2
0
2016
2017
2018
2019
2020
2021
2022
2023


Incoming Volume Provider_22-Plant_12
Actual_Vol_[Tons]
Expected_Vol_[Tons]
1400
1200
1000
800
600
400
200
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

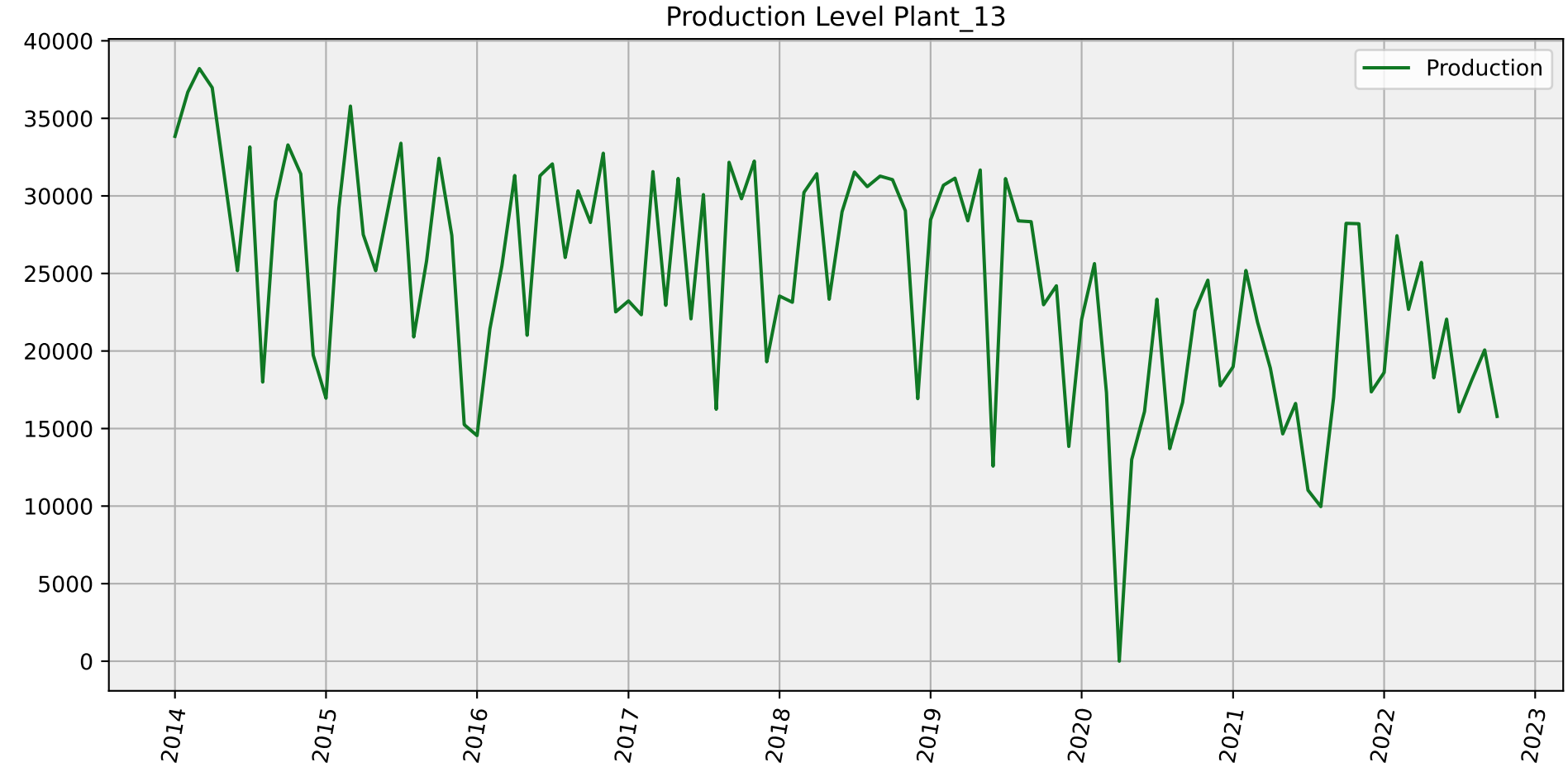

Production Level Plant_12
Production
12000
10000
8000
6000
4000
2000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_22-Plant_12
Vol/Prod_ratio_kg
500
400
300
200
100
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

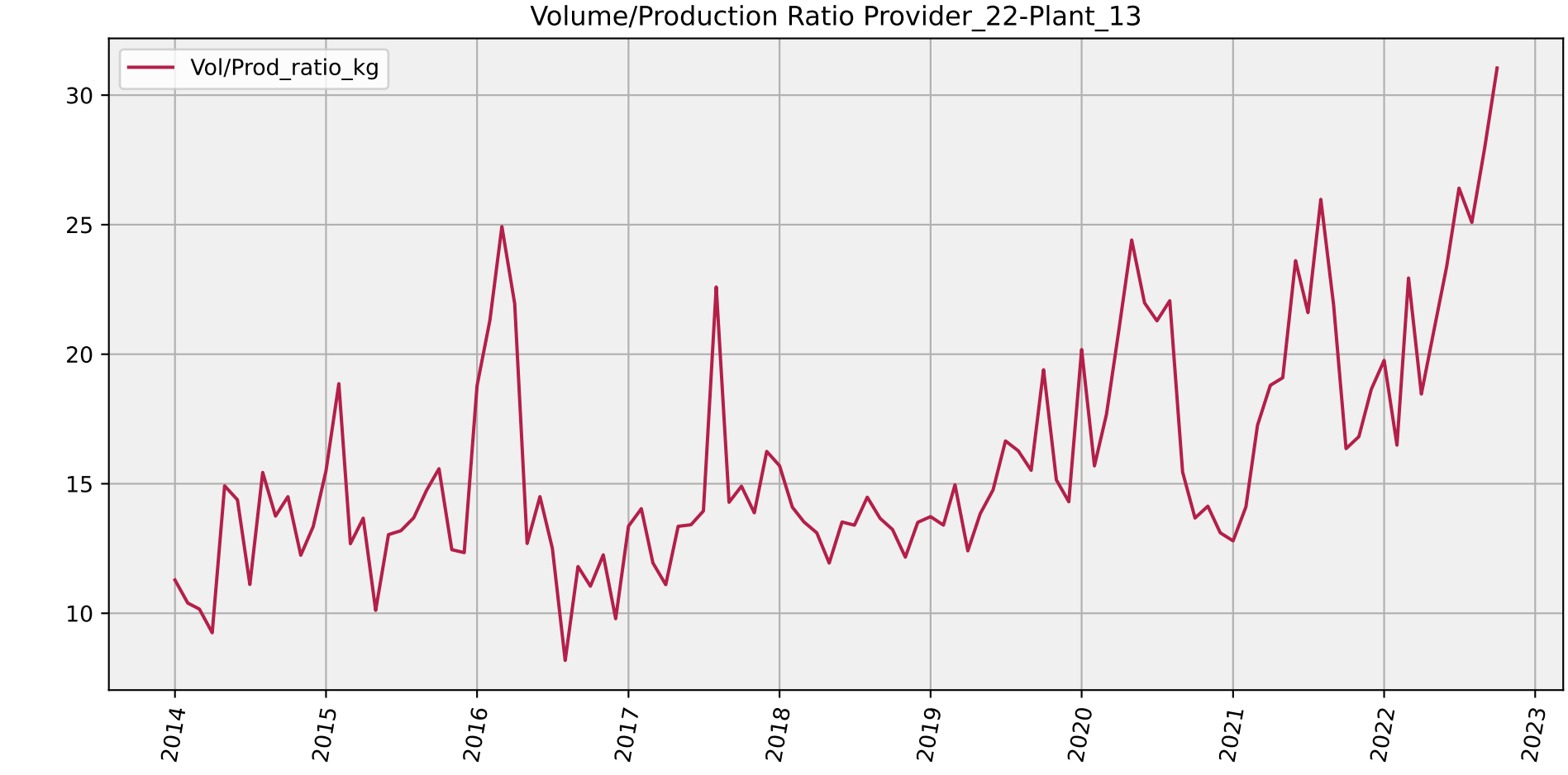
Incoming Volume Provider_22-Plant_13



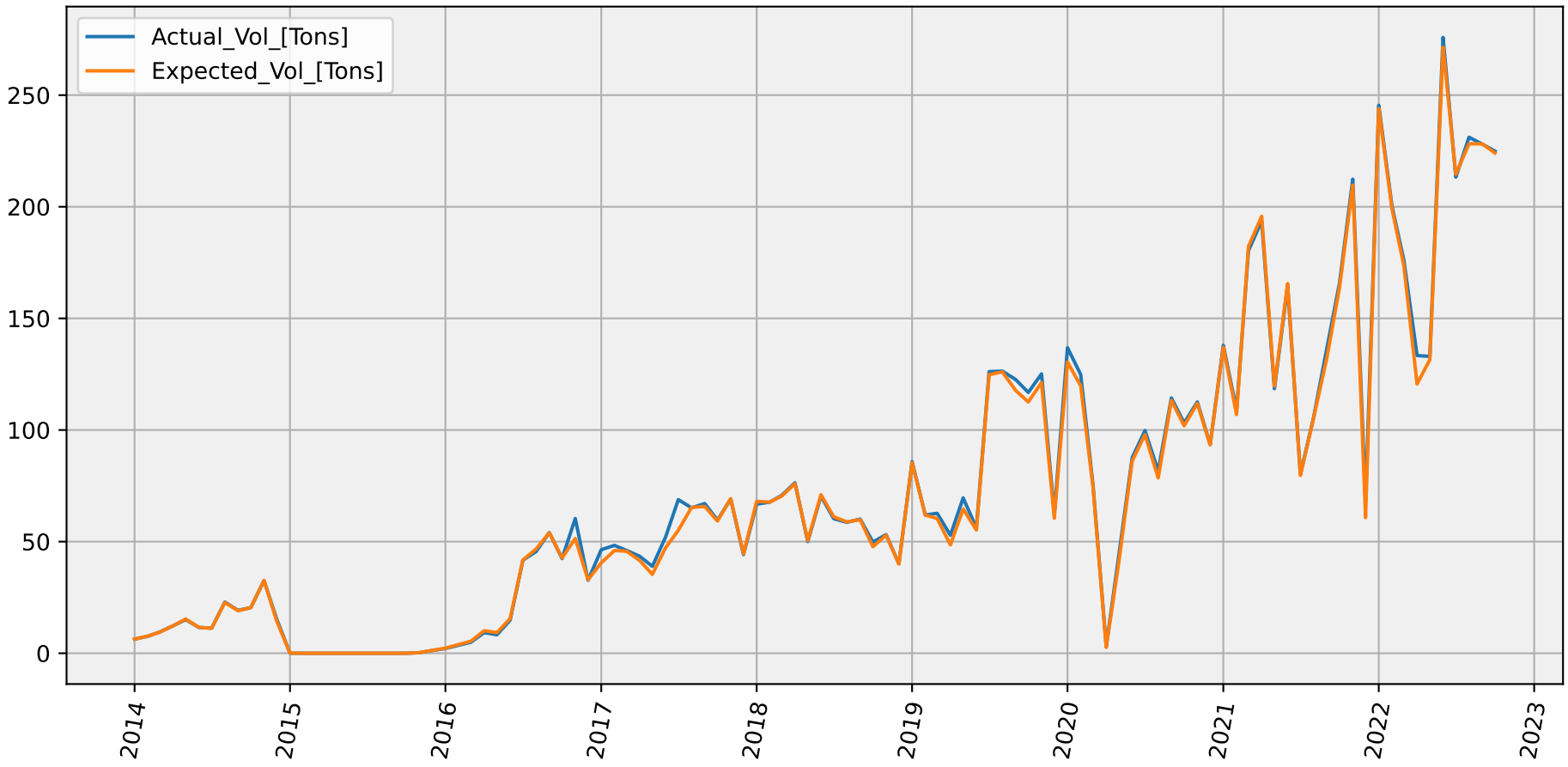
Production Level Plant_13



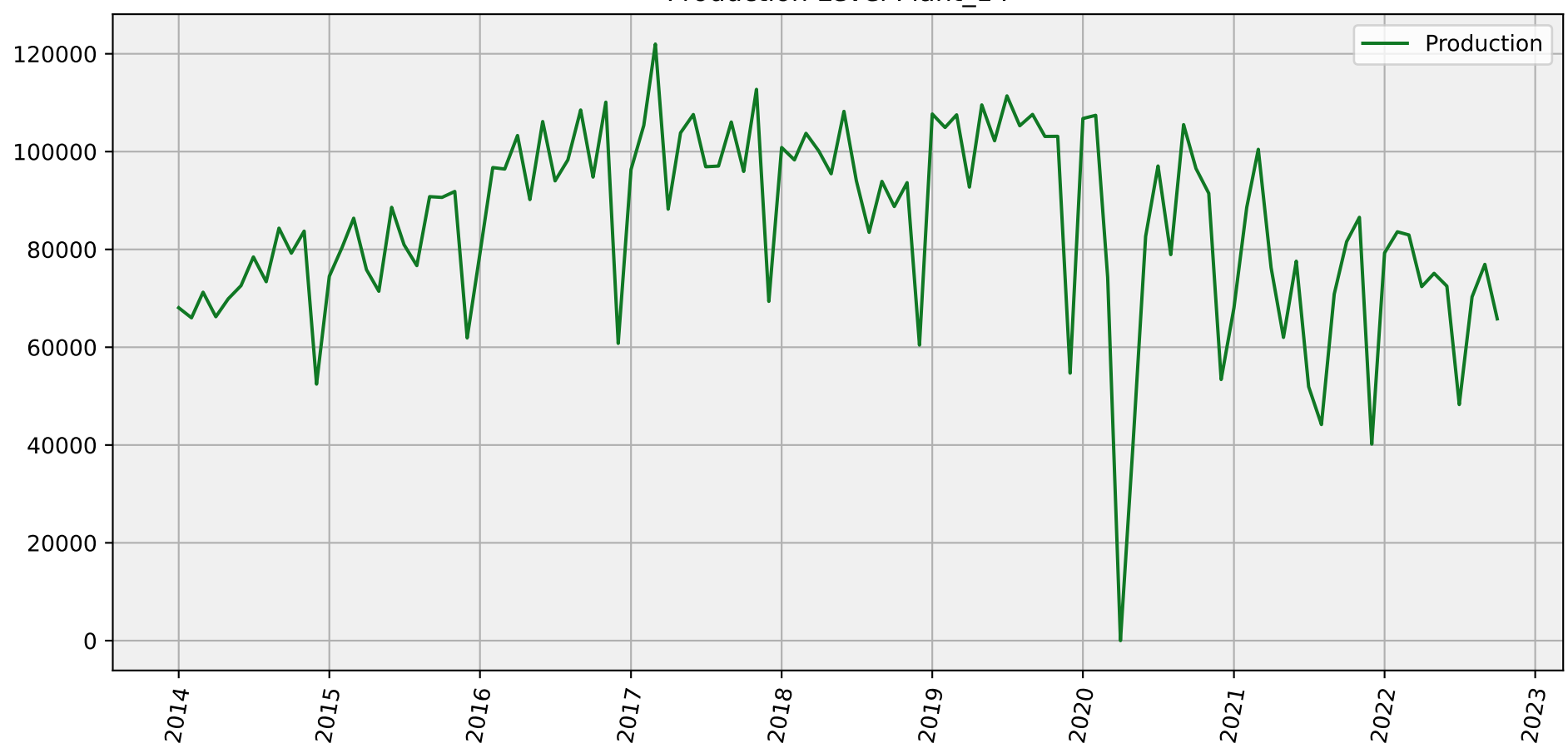
Volume/Production Ratio Provider_22-Plant_13



Incoming Volume Provider_22-Plant_14

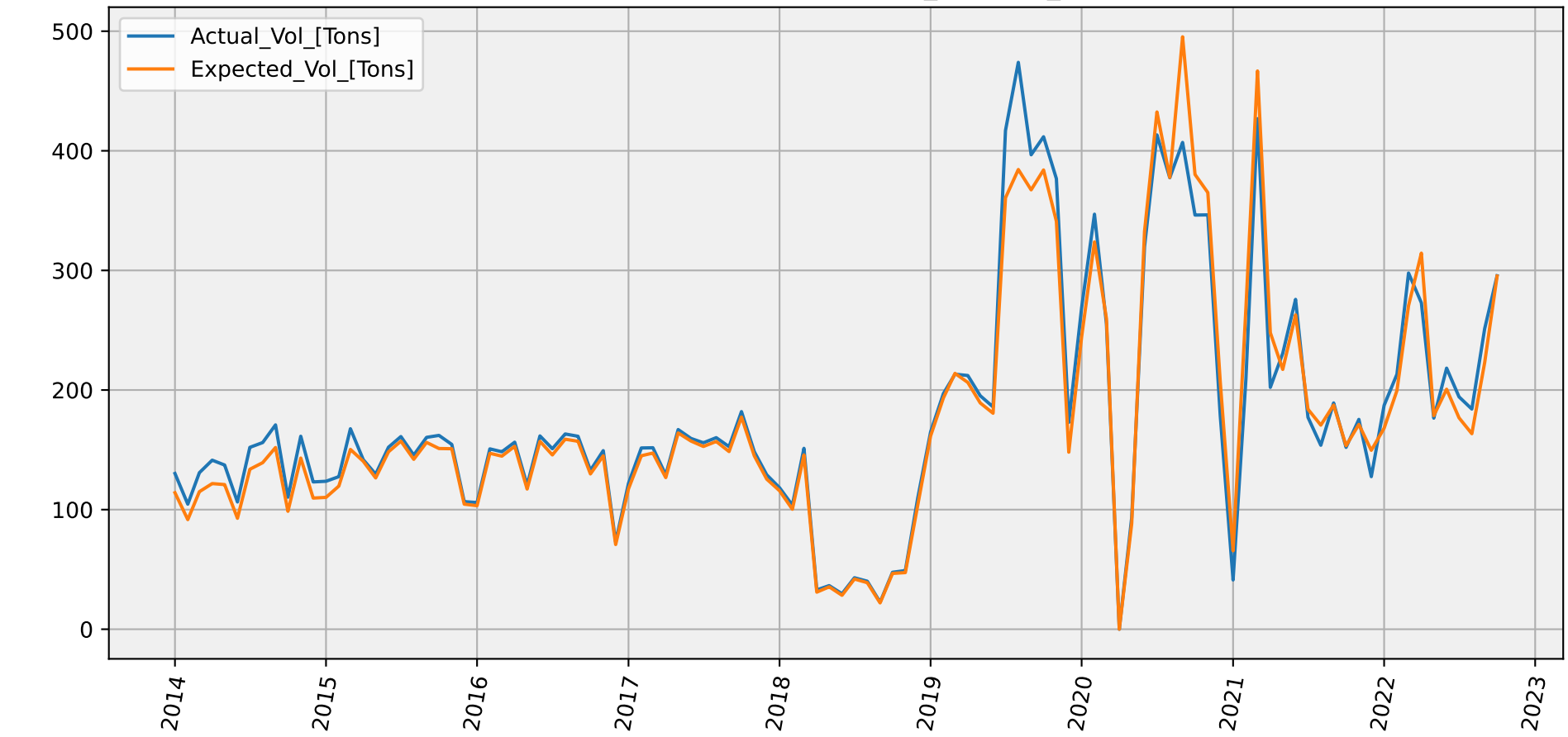


Production Level Plant_14

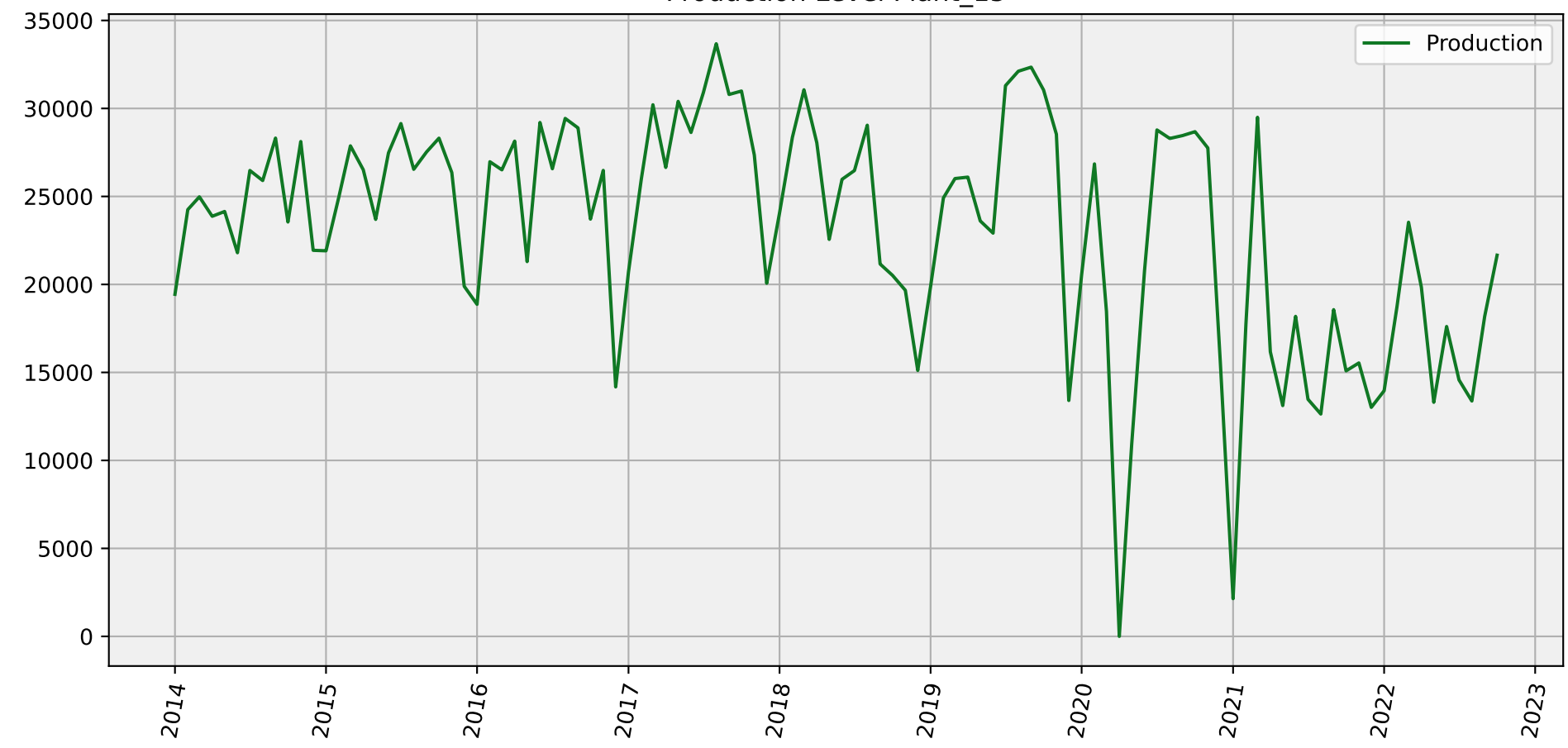


Volume/Production Ratio Provider_22-Plant_14

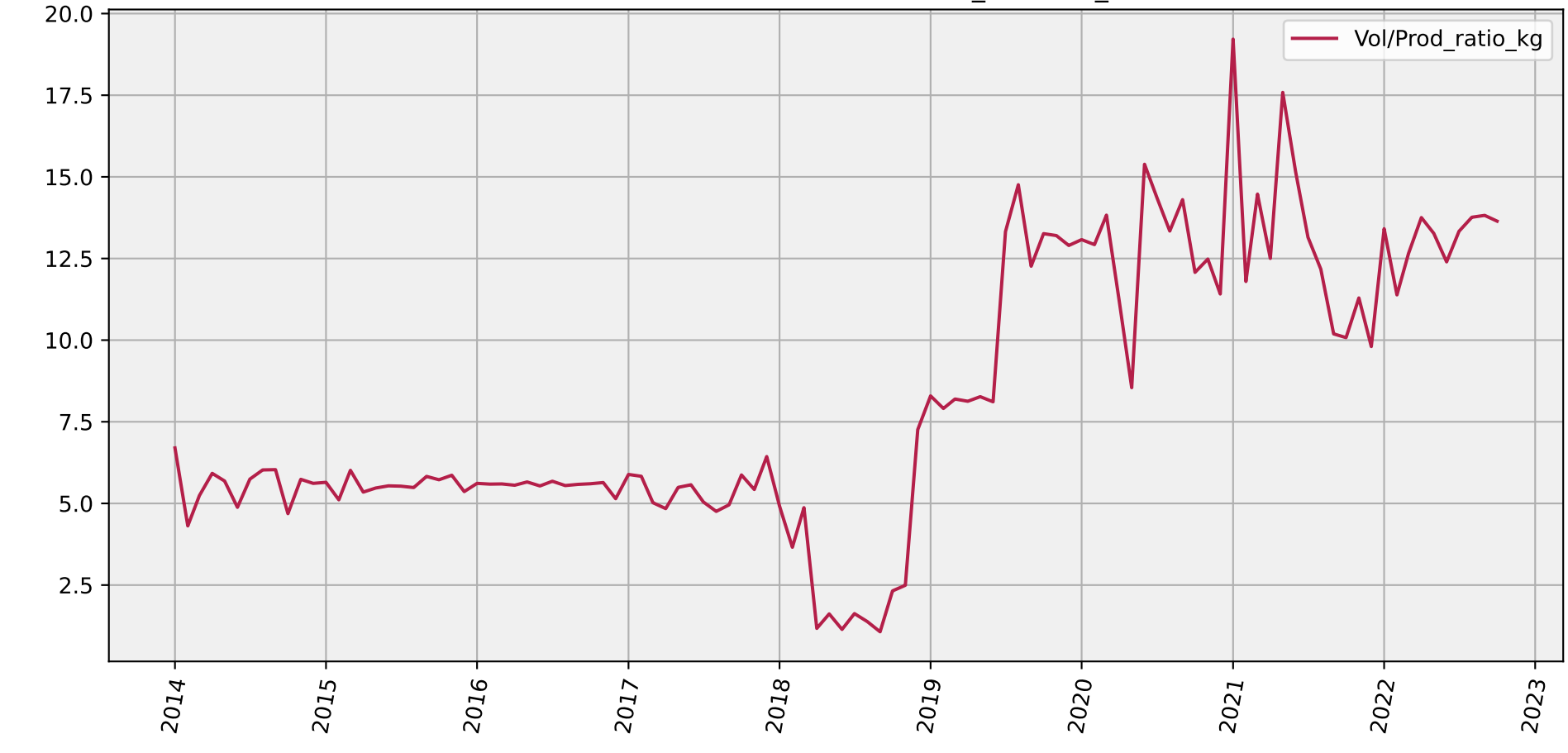
Incoming Volume Provider_22-Plant_15



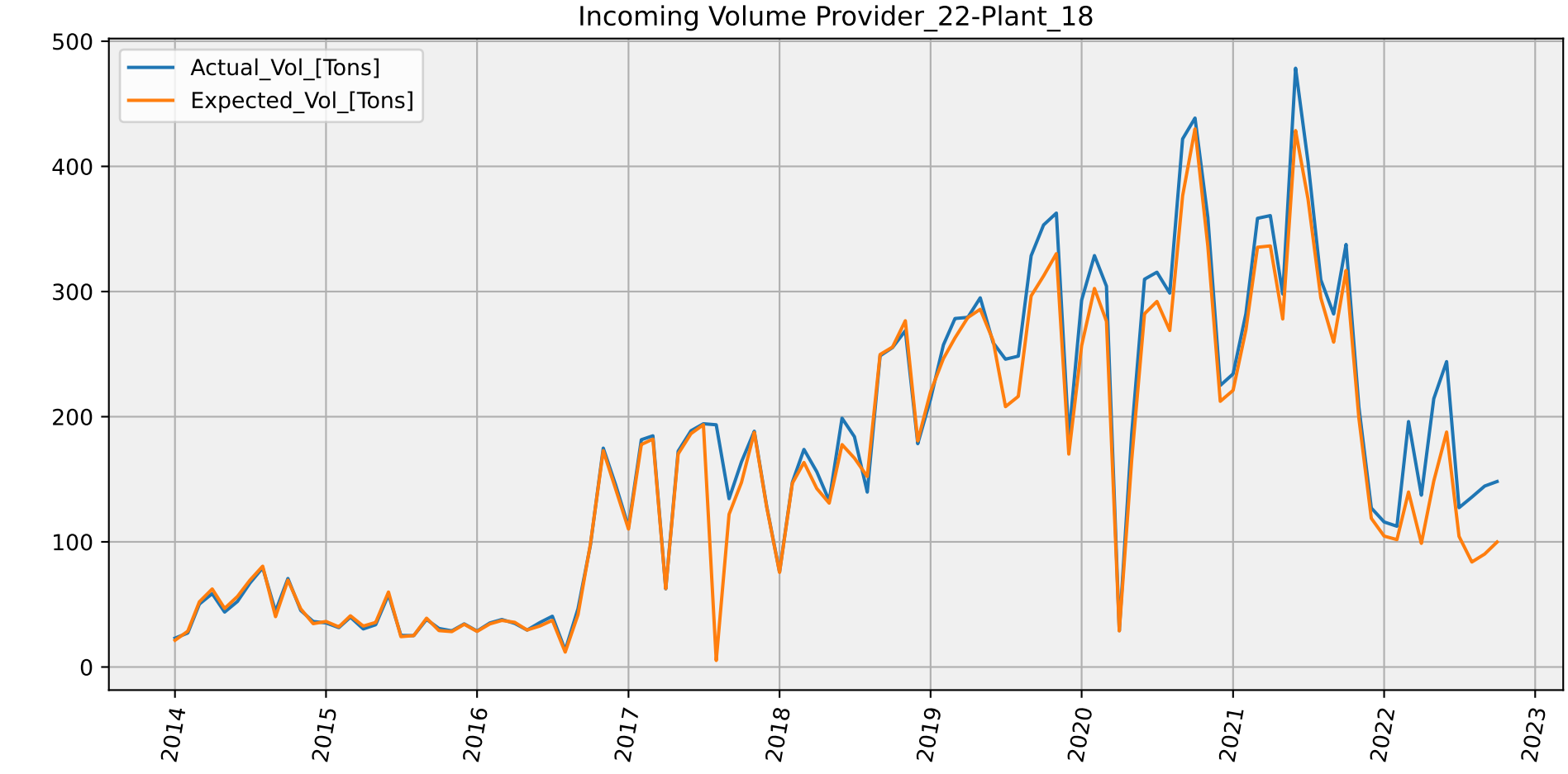
Production Level Plant_15



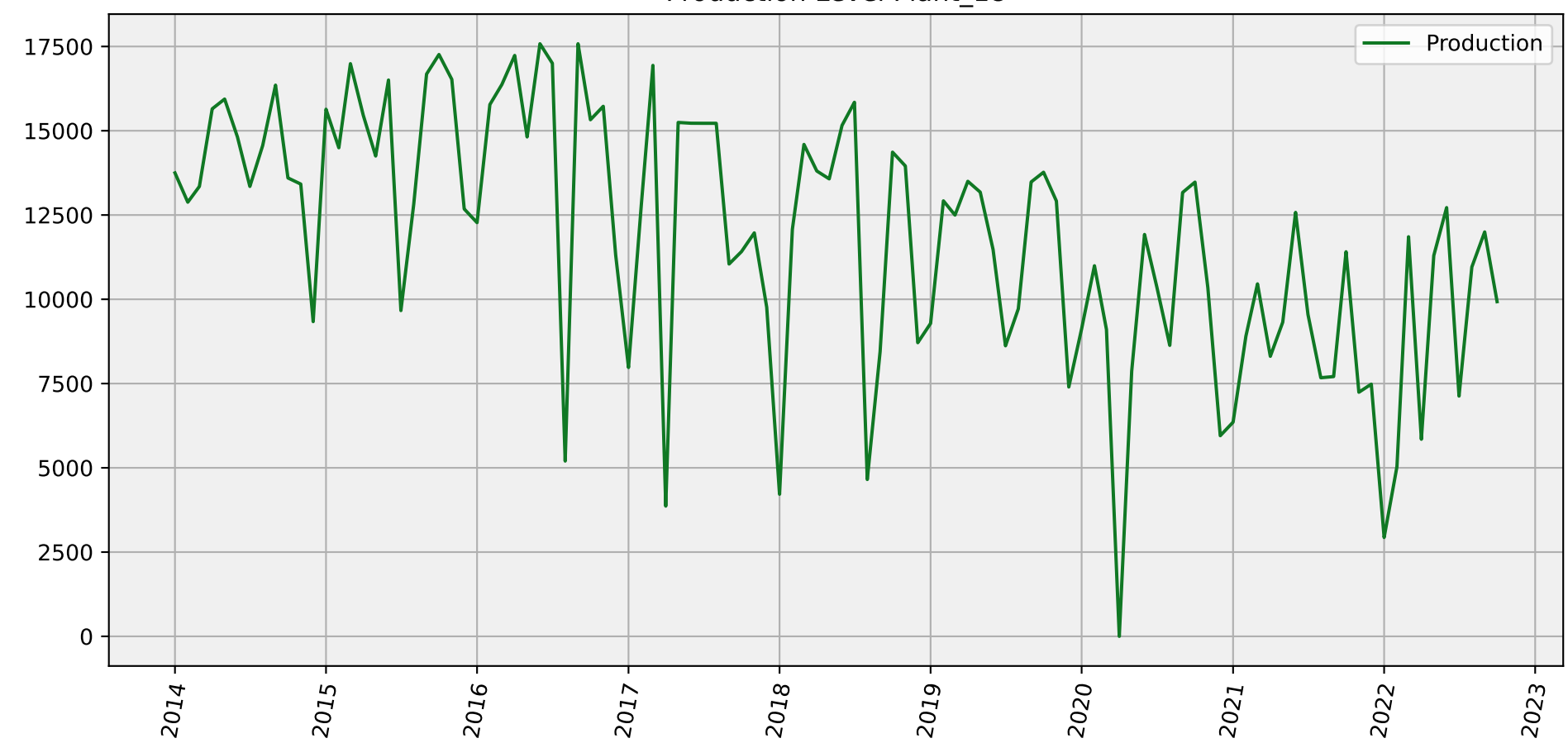
Volume/Production Ratio Provider_22-Plant_15



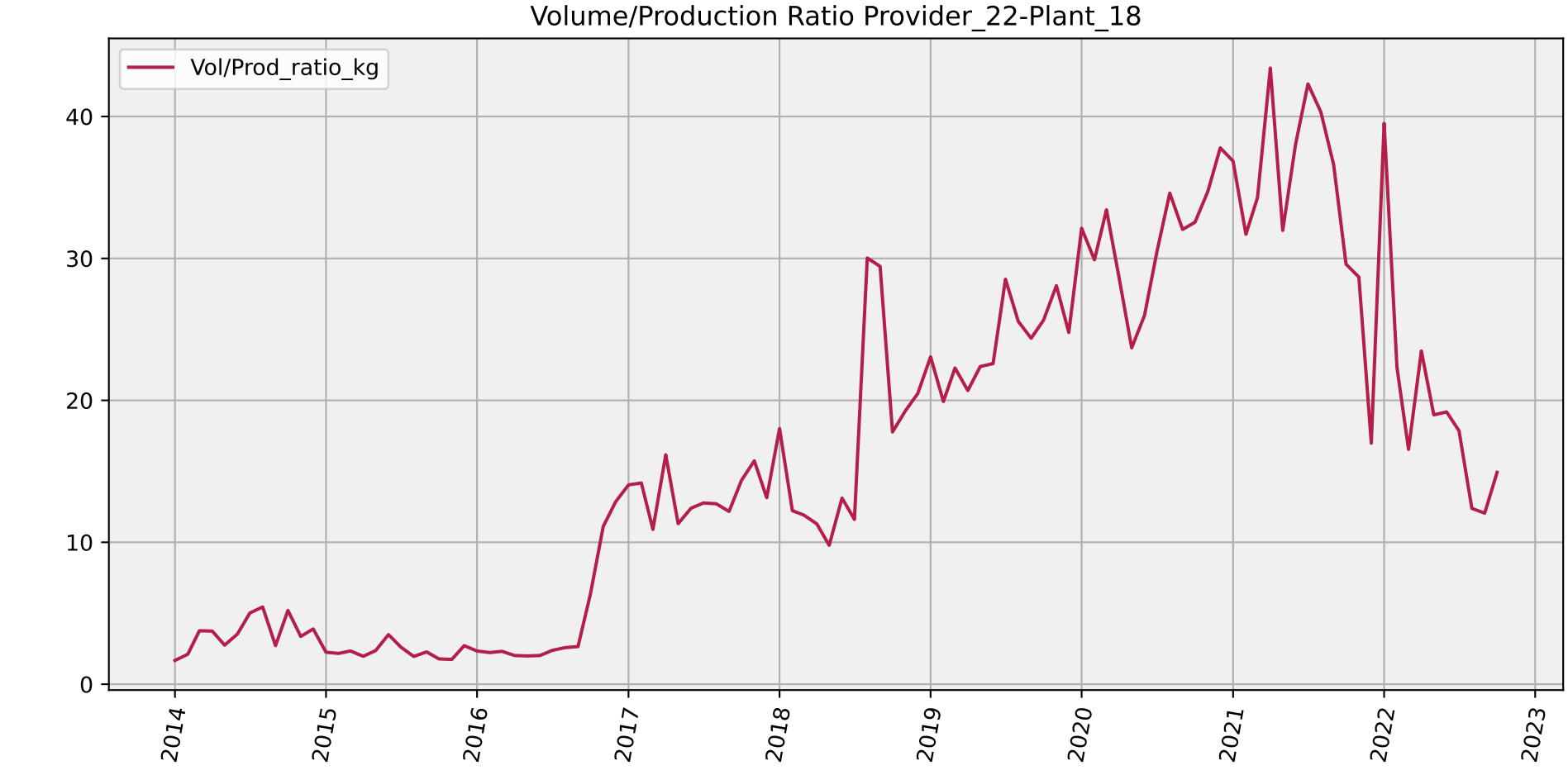
Incoming Volume Provider_22-Plant_18

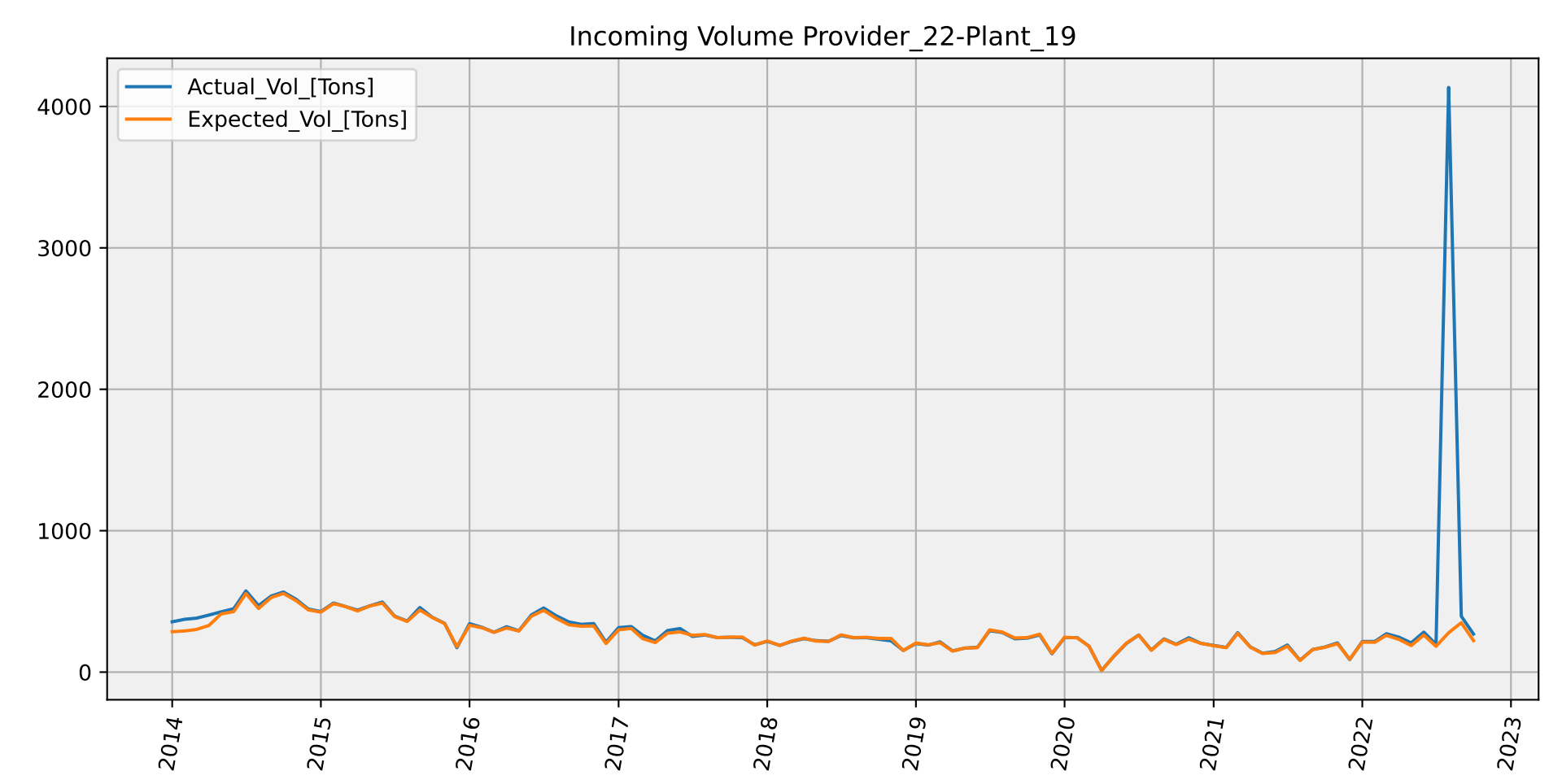


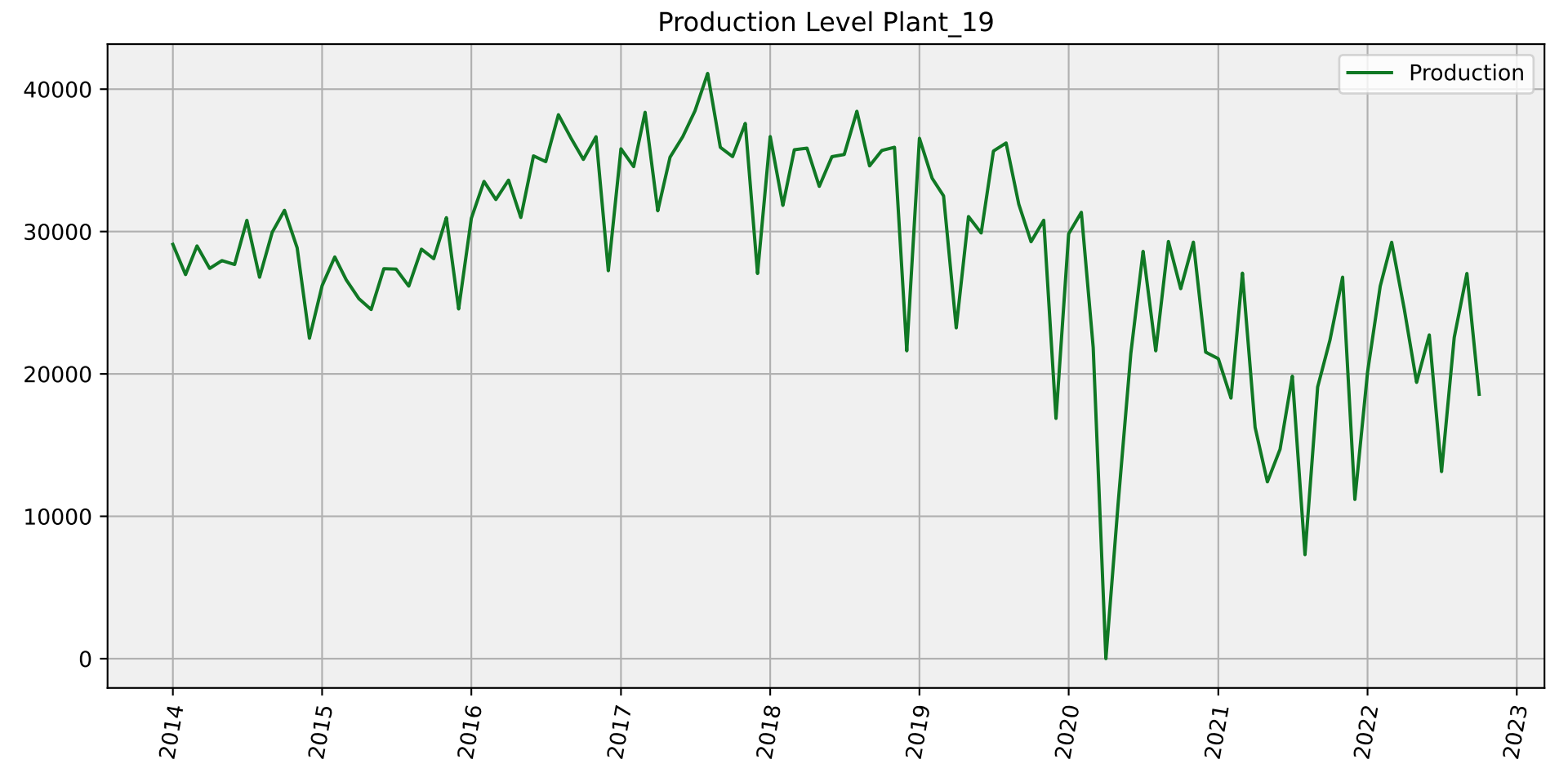
Production Level Plant_18

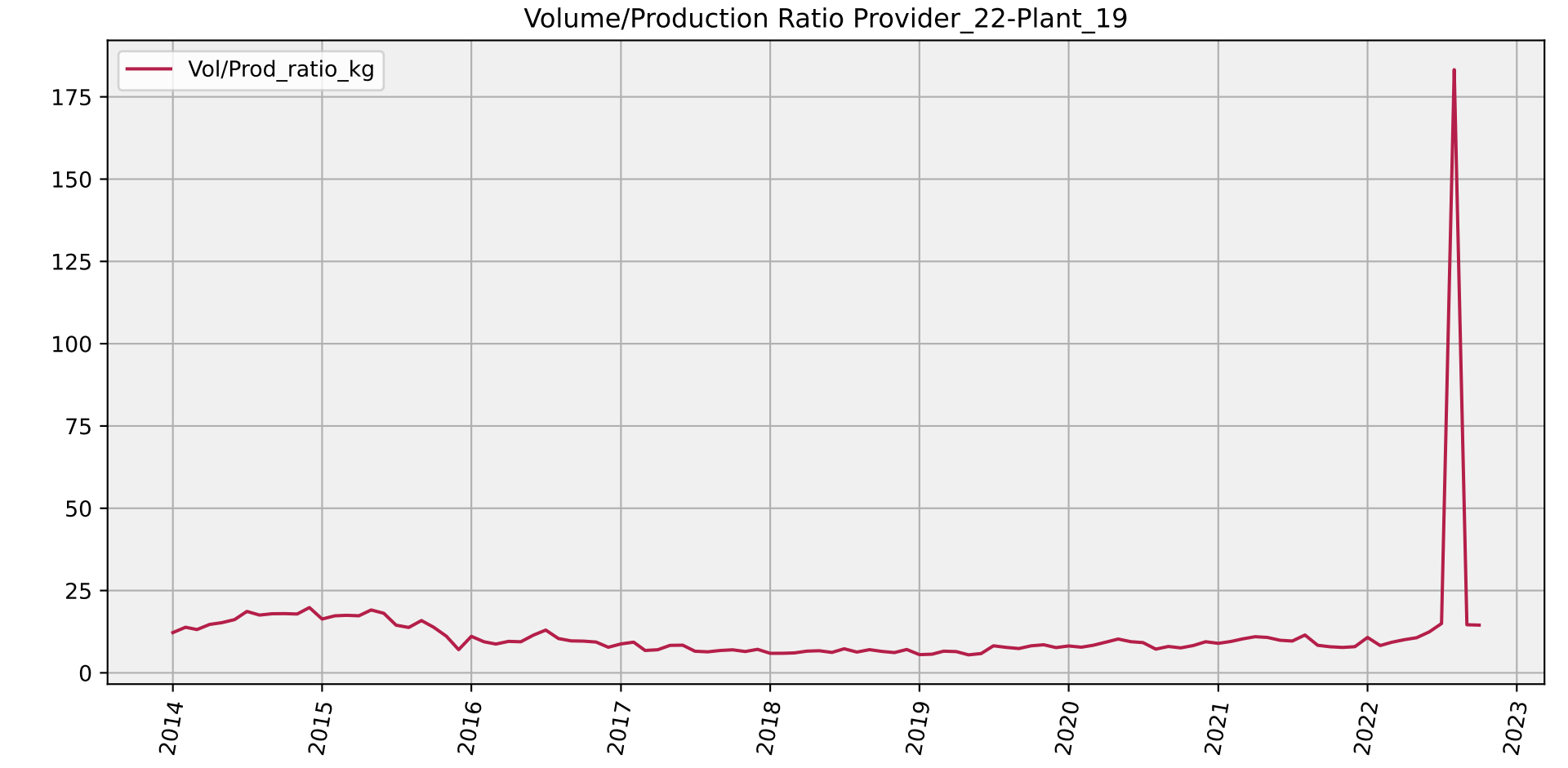


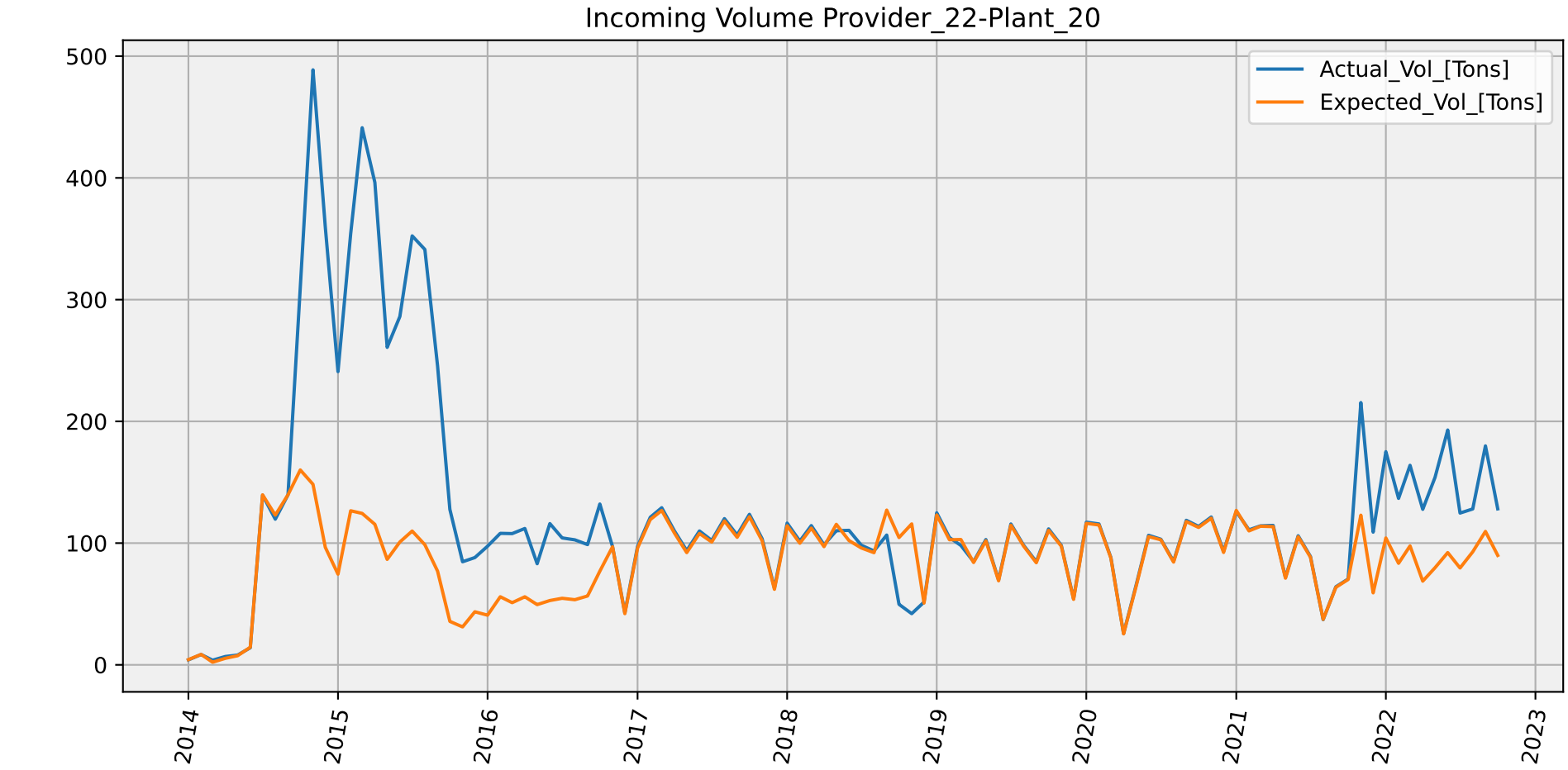
Volume/Production Ratio Provider_22-Plant_18

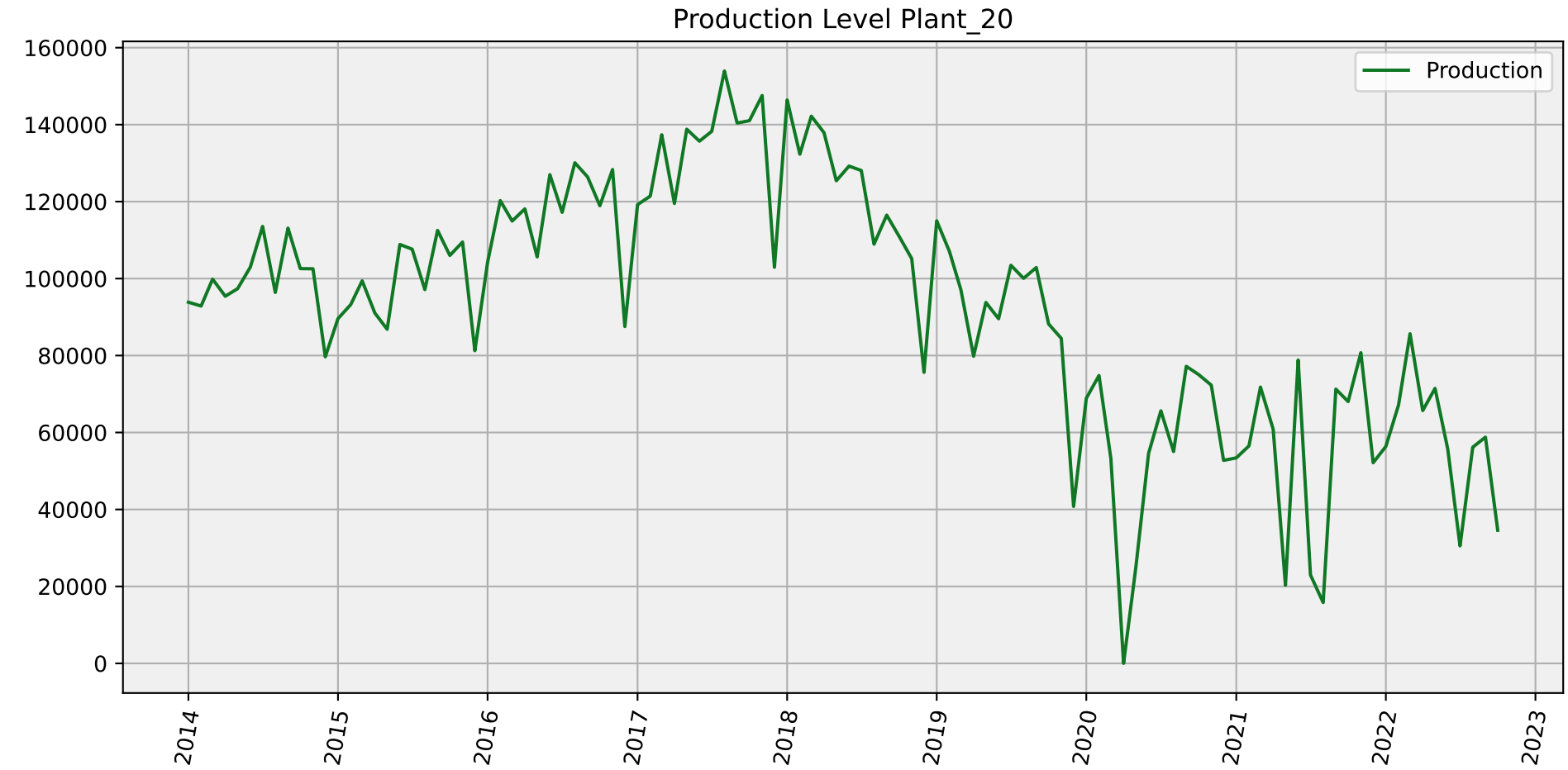


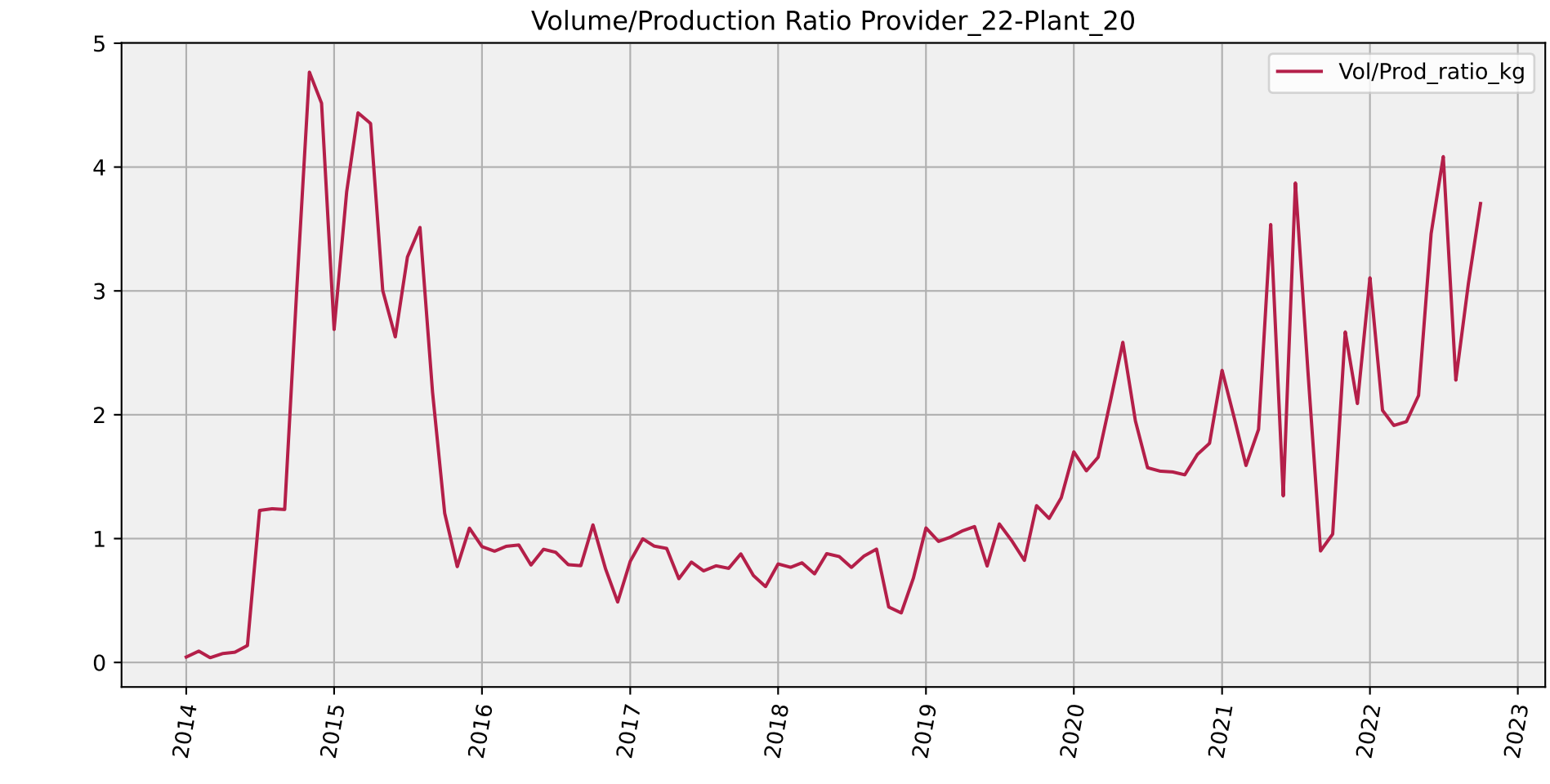

Incoming Volume Provider_22-Plant_19
Actual_Vol_[Tons]
Expected_Vol_[Tons]
4000
3000
2000
1000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Production Level Plant_19
Production
40000
30000
20000
10000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

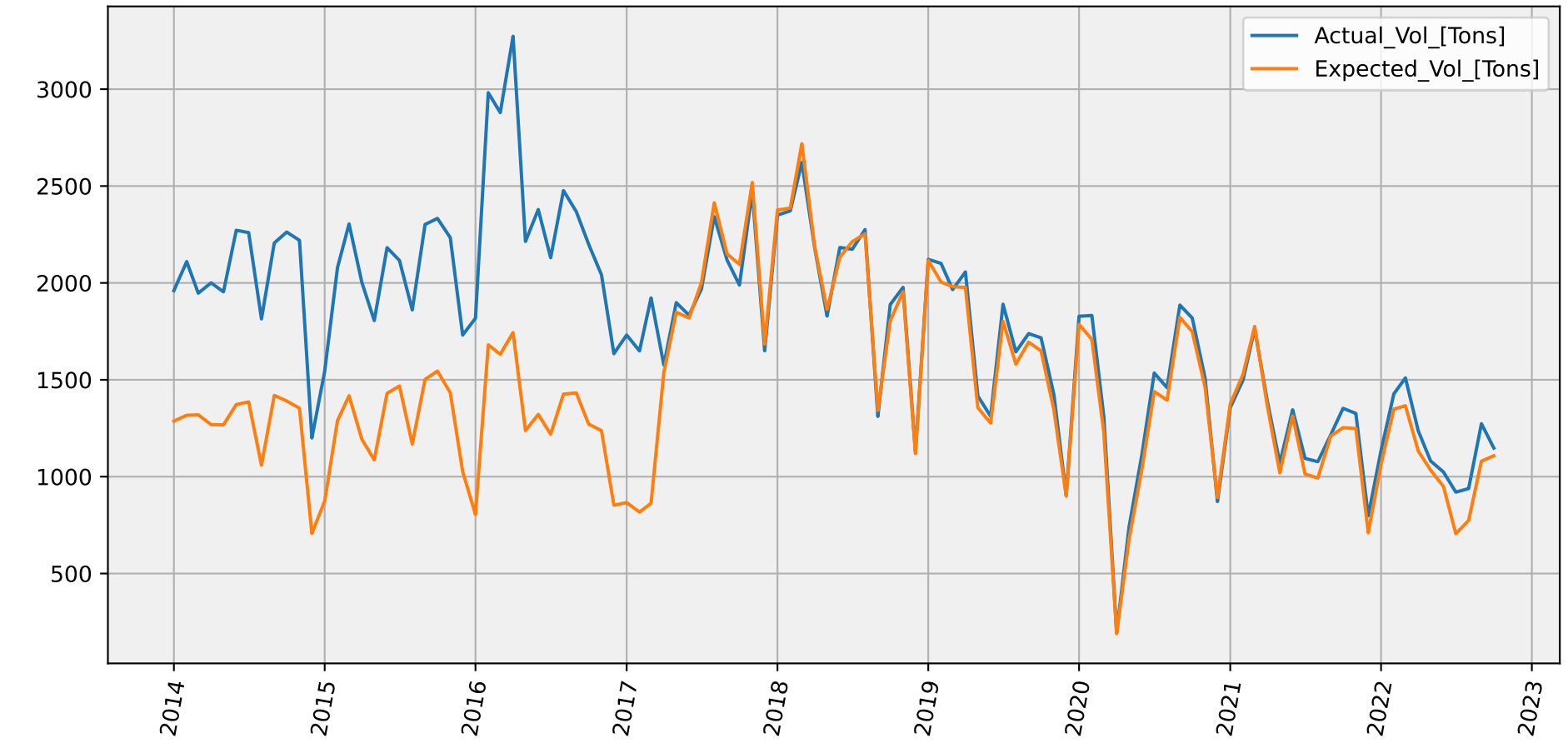

Volume/Production Ratio Provider_22-Plant_19
Vol/Prod_ratio_kg
175
150
125
100
75
50
25
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Incoming Volume Provider_22-Plant_20
Actual_Vol_[Tons]
Expected_Vol_[Tons]
500
400
300
200
100
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

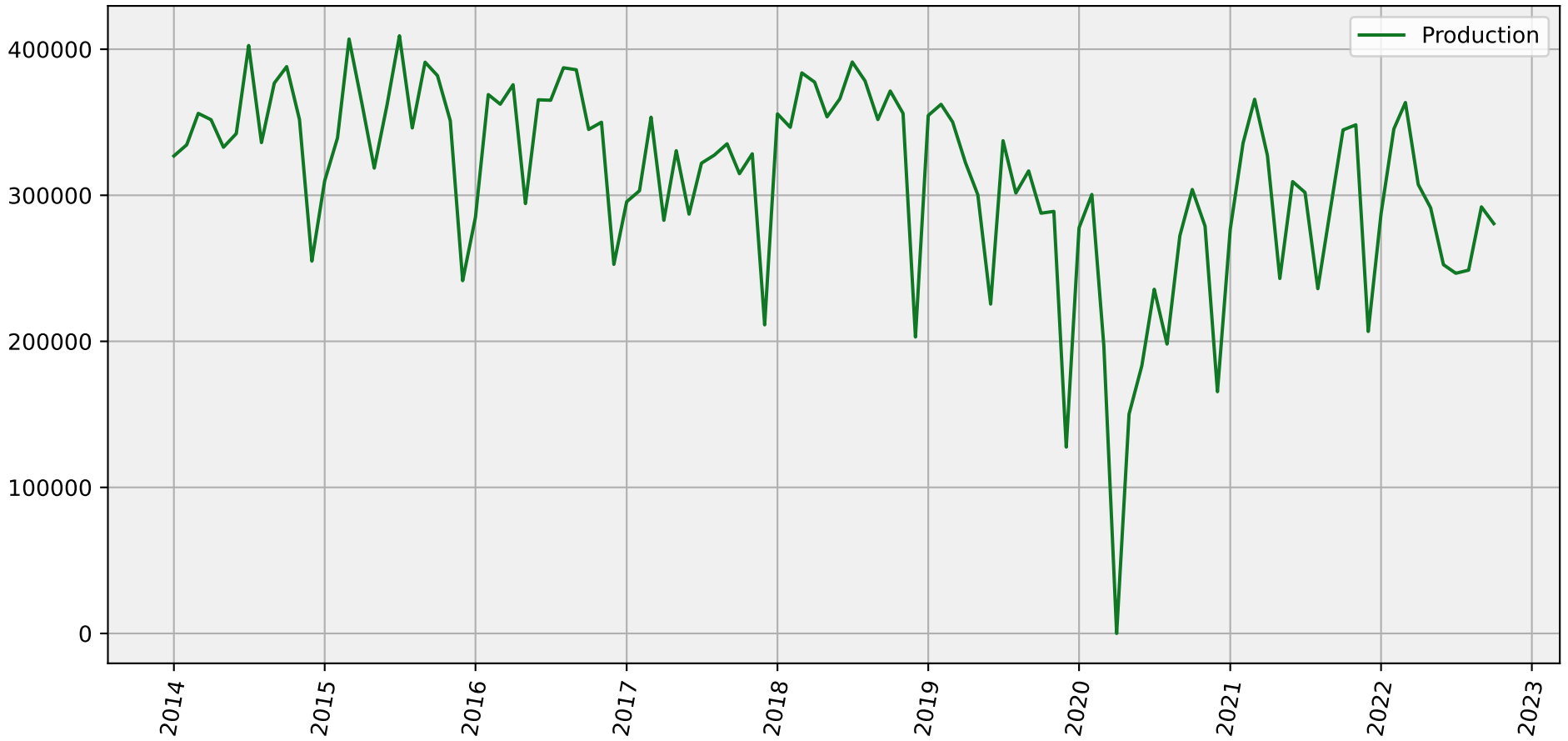

Production Level Plant_20
Production
160000
140000
120000
100000
80000
60000
40000
20000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_22-Plant_20
Vol/Prod_ratio_kg
5
4
3
2
1
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

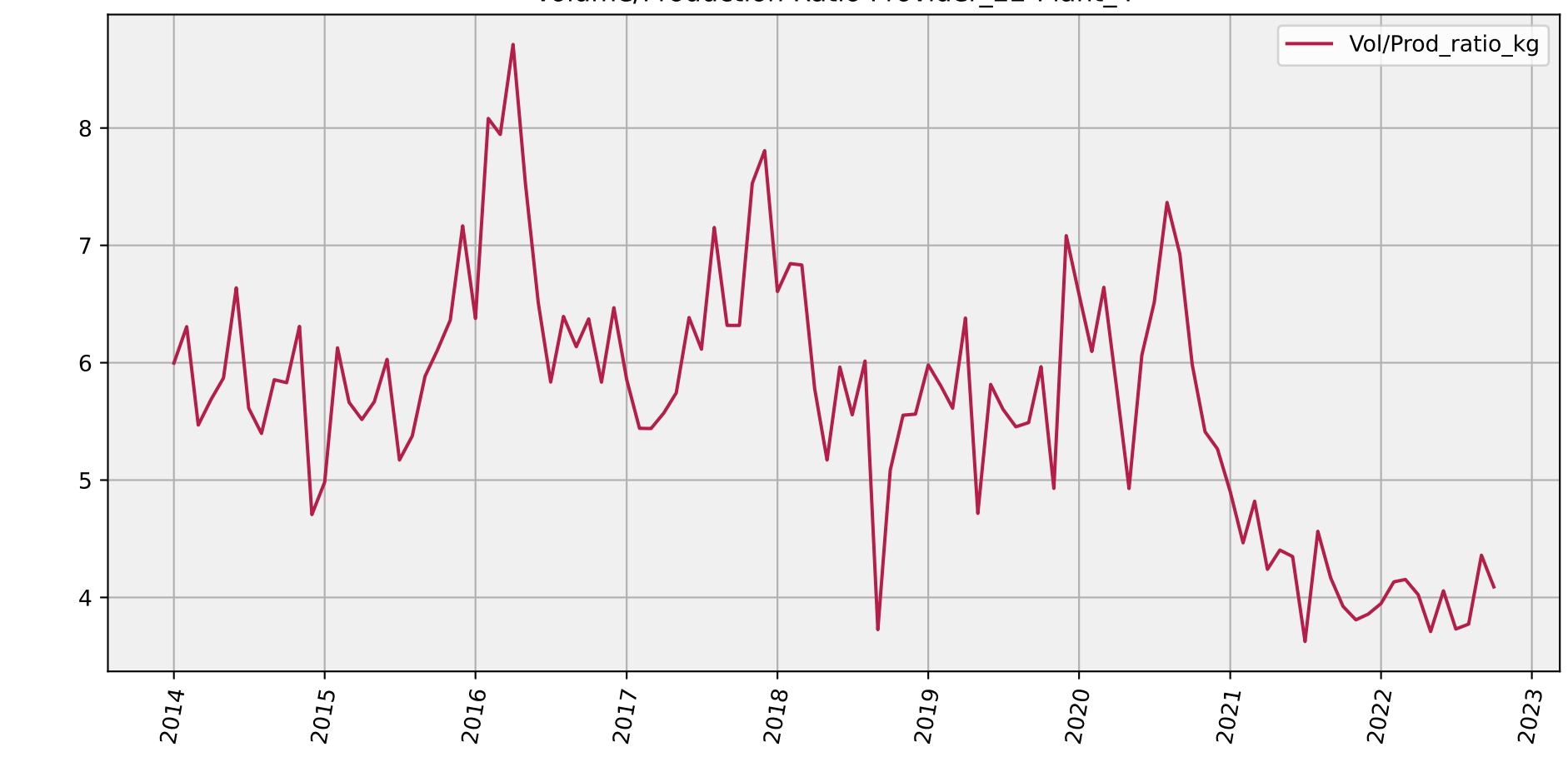
Incoming Volume Provider_22-Plant_4



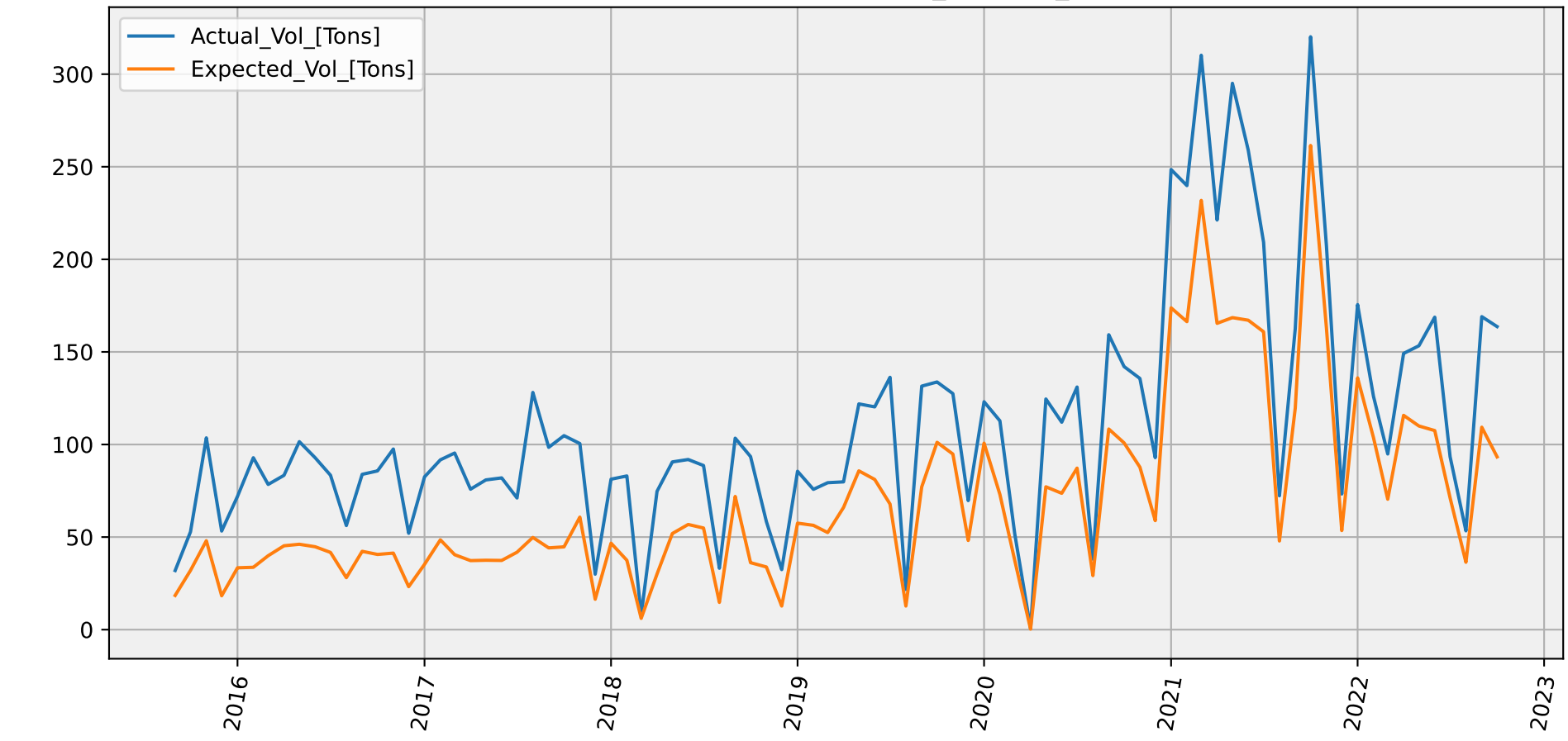
Production Level Plant_4



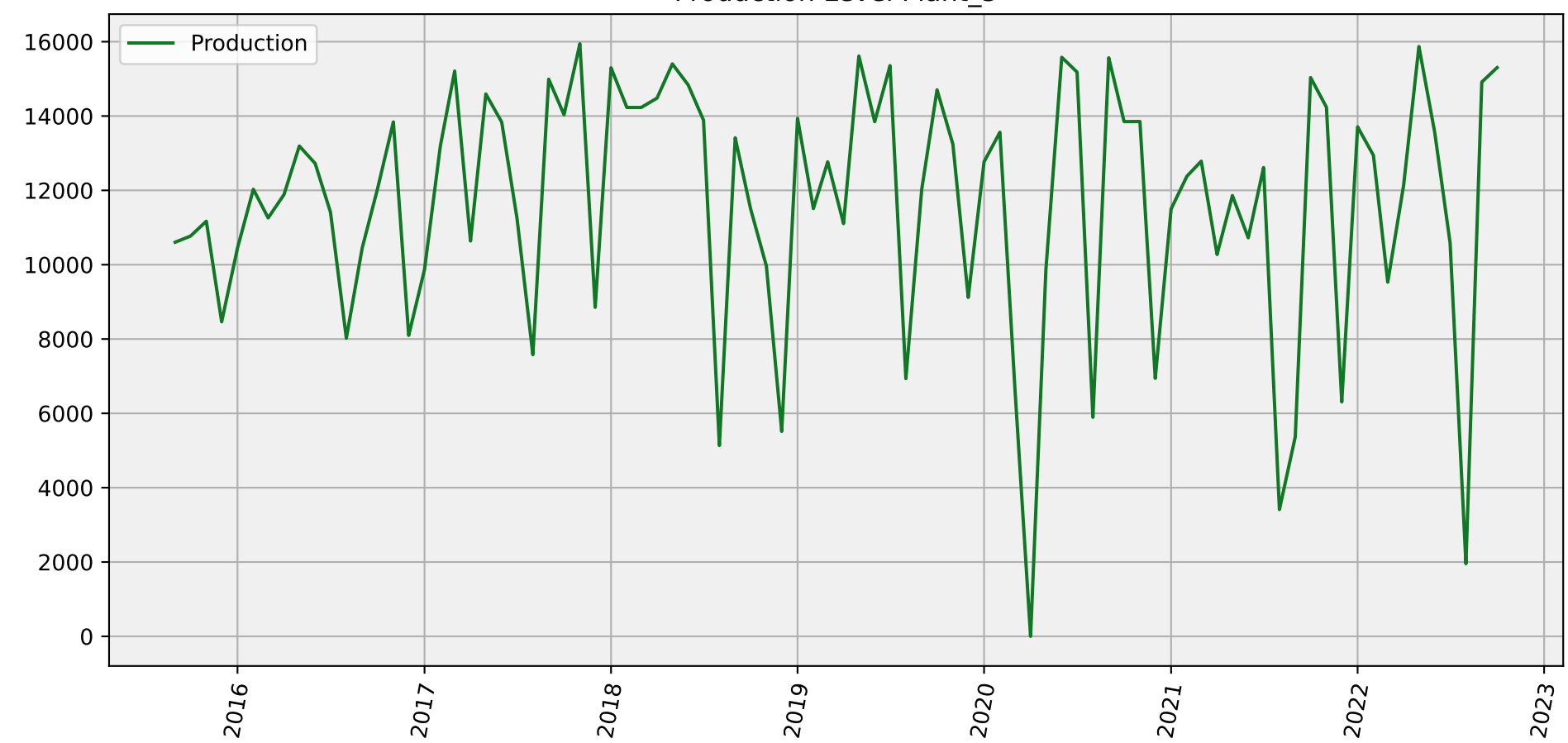
Volume/Production Ratio Provider_22-Plant_4



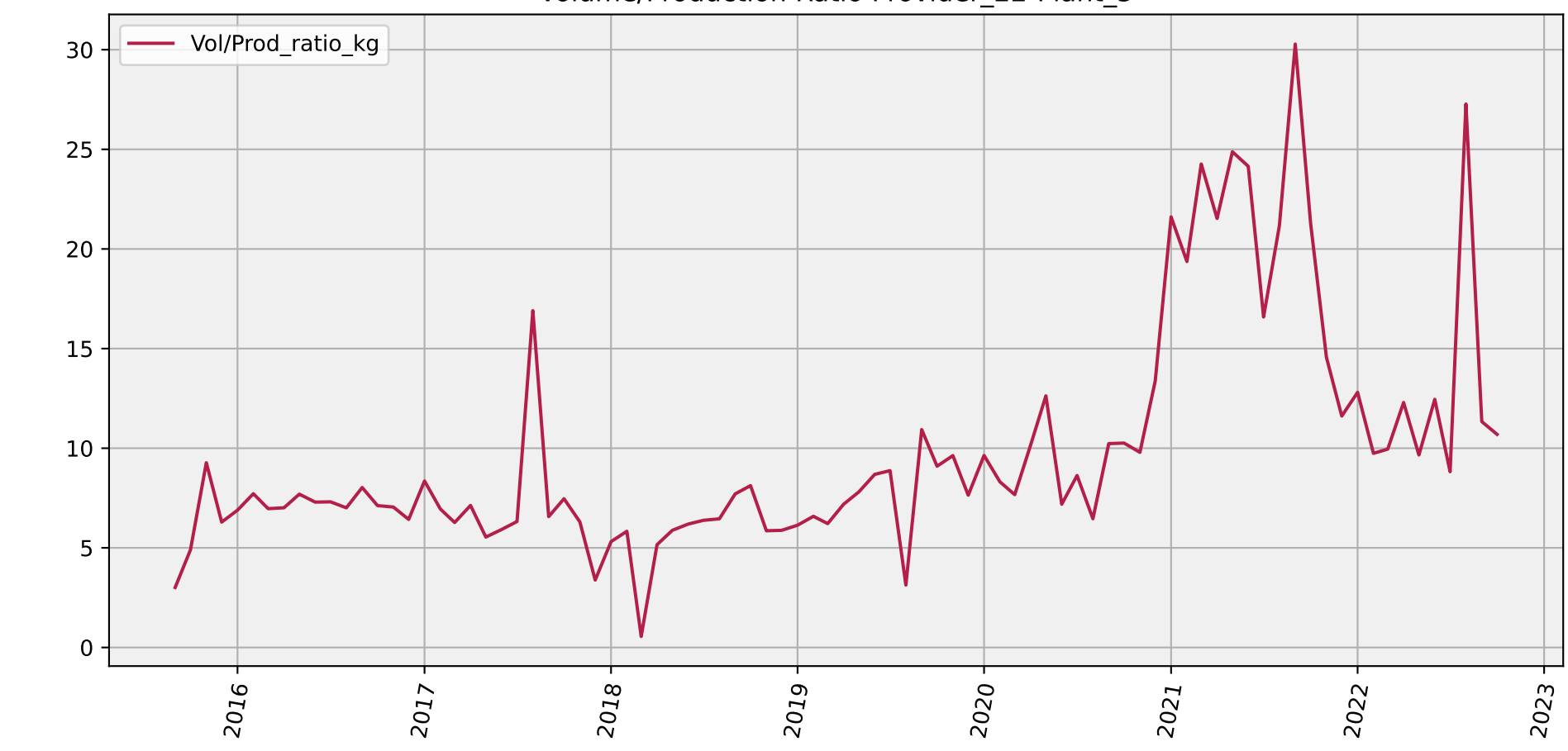
Incoming Volume Provider_22-Plant_5



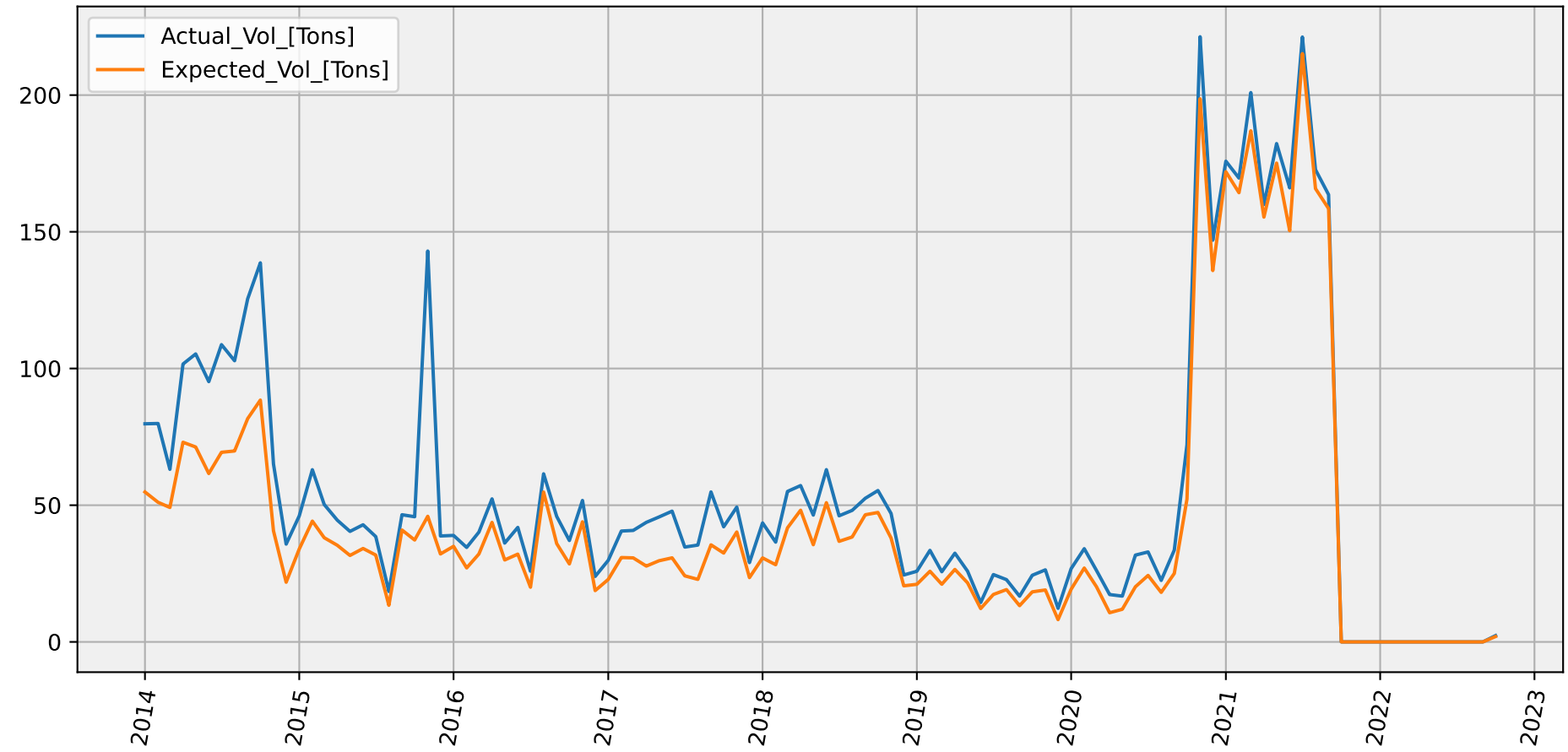
Production Level Plant_5



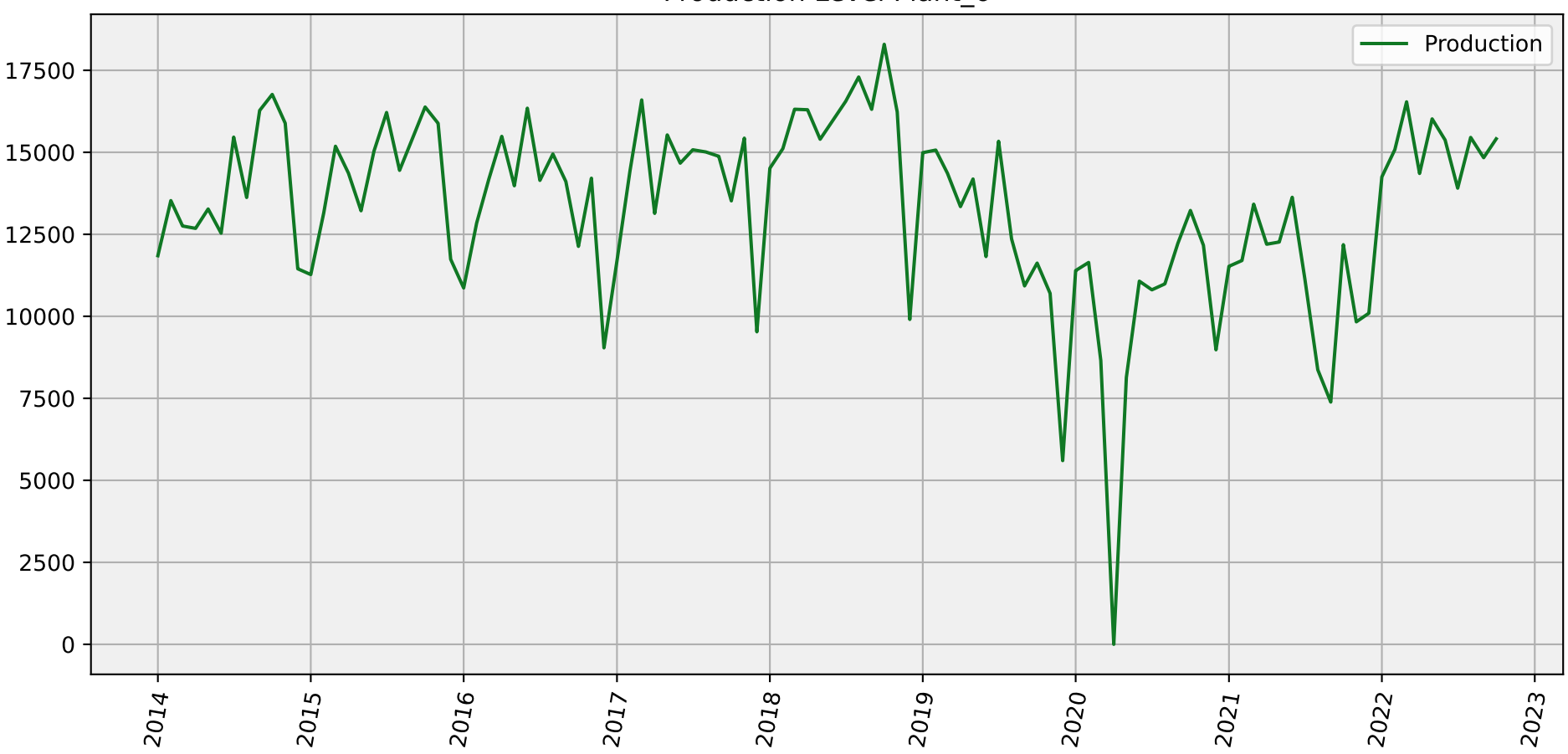
Volume/Production Ratio Provider_22-Plant_5



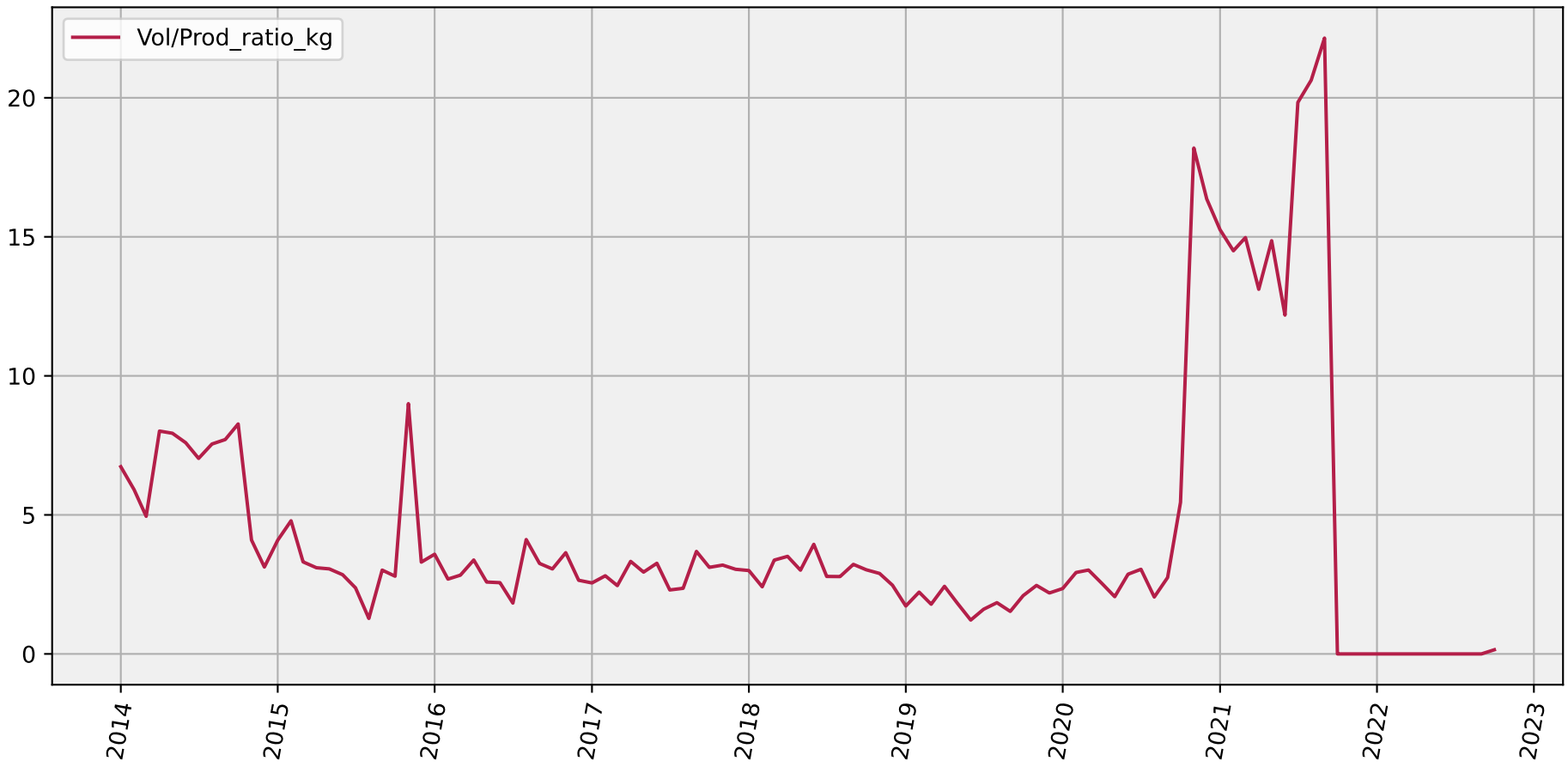
Incoming Volume Provider_22-Plant_6



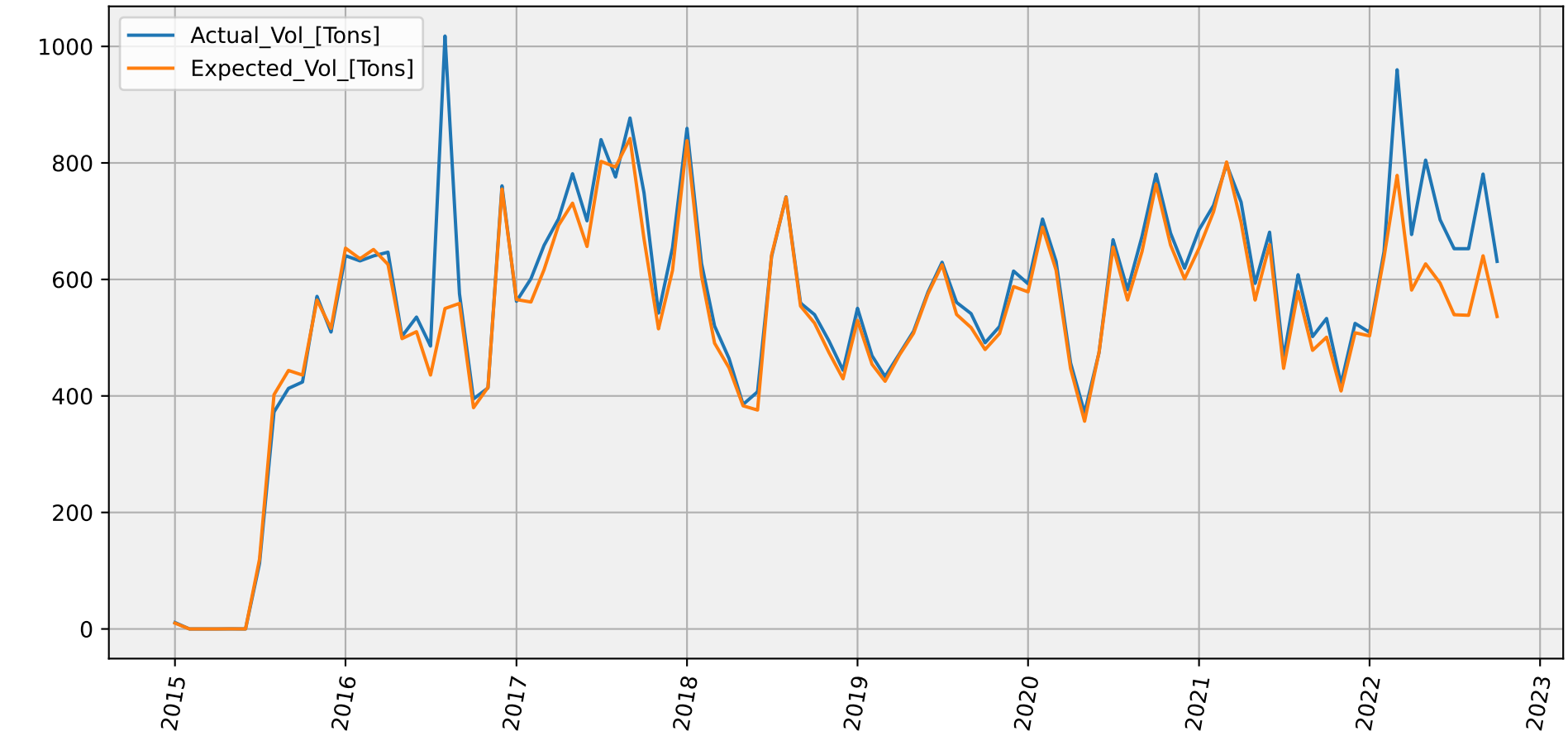
Production Level Plant_6



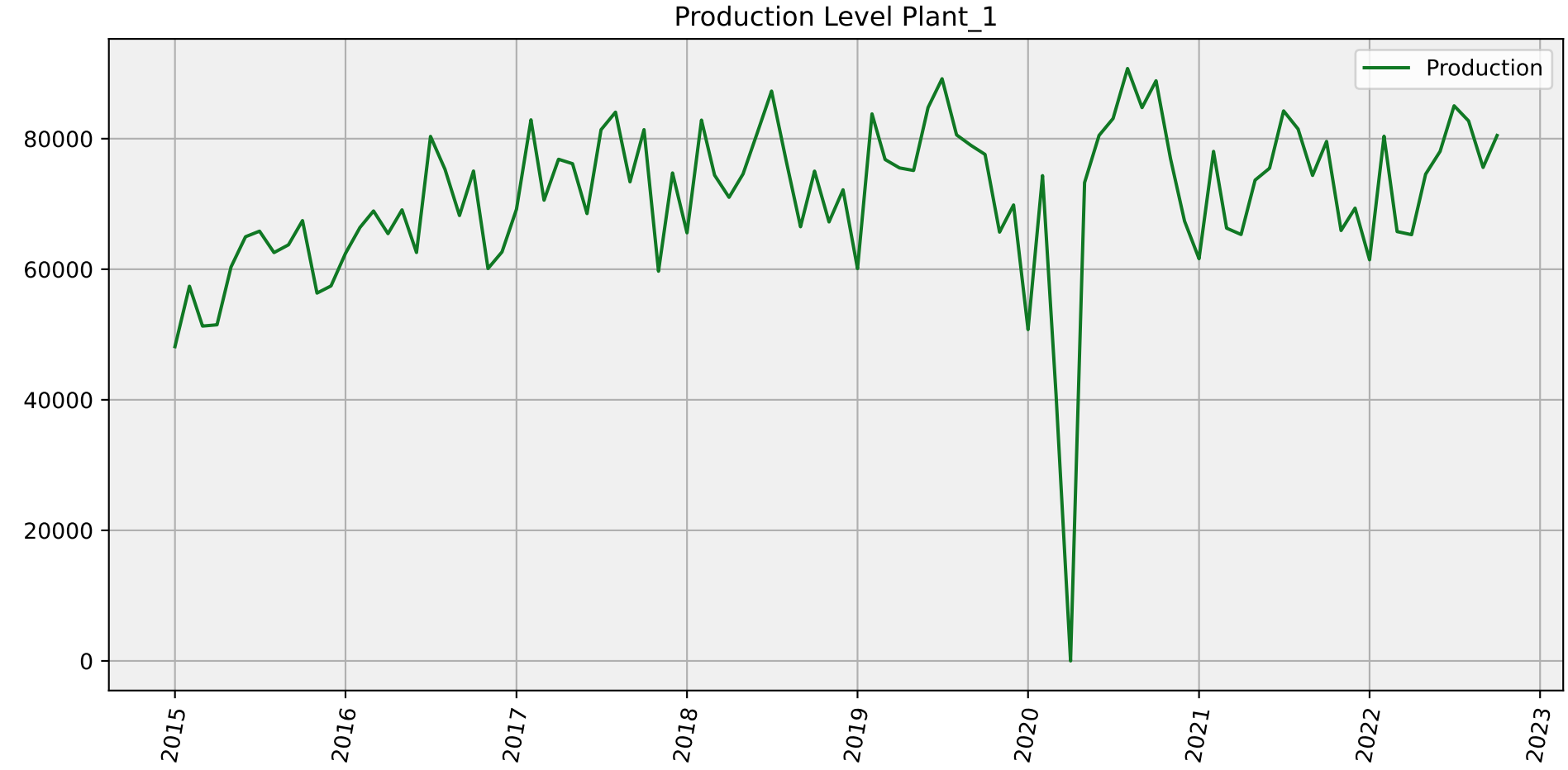
Volume/Production Ratio Provider_22-Plant_6



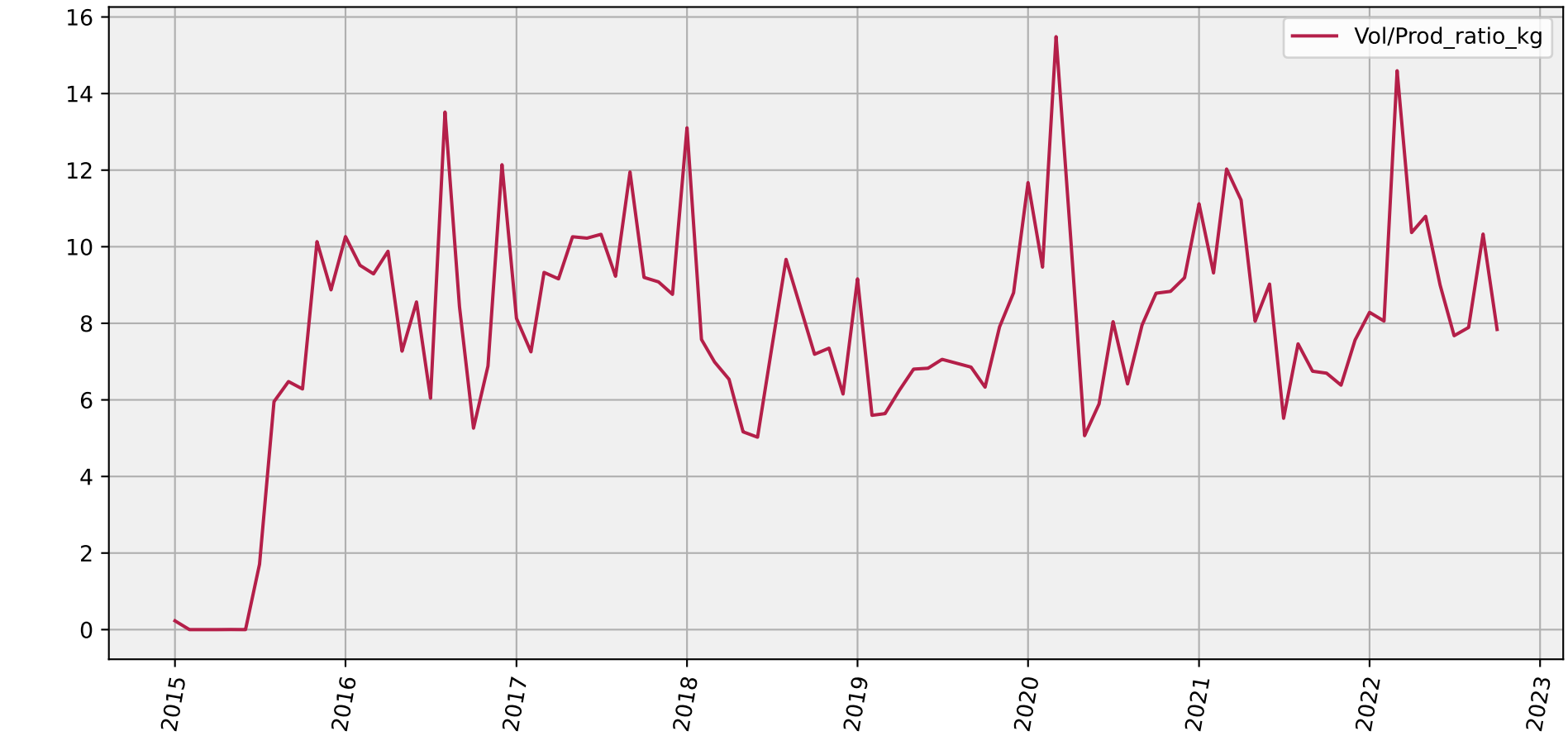
Incoming Volume Provider_24-Plant_1



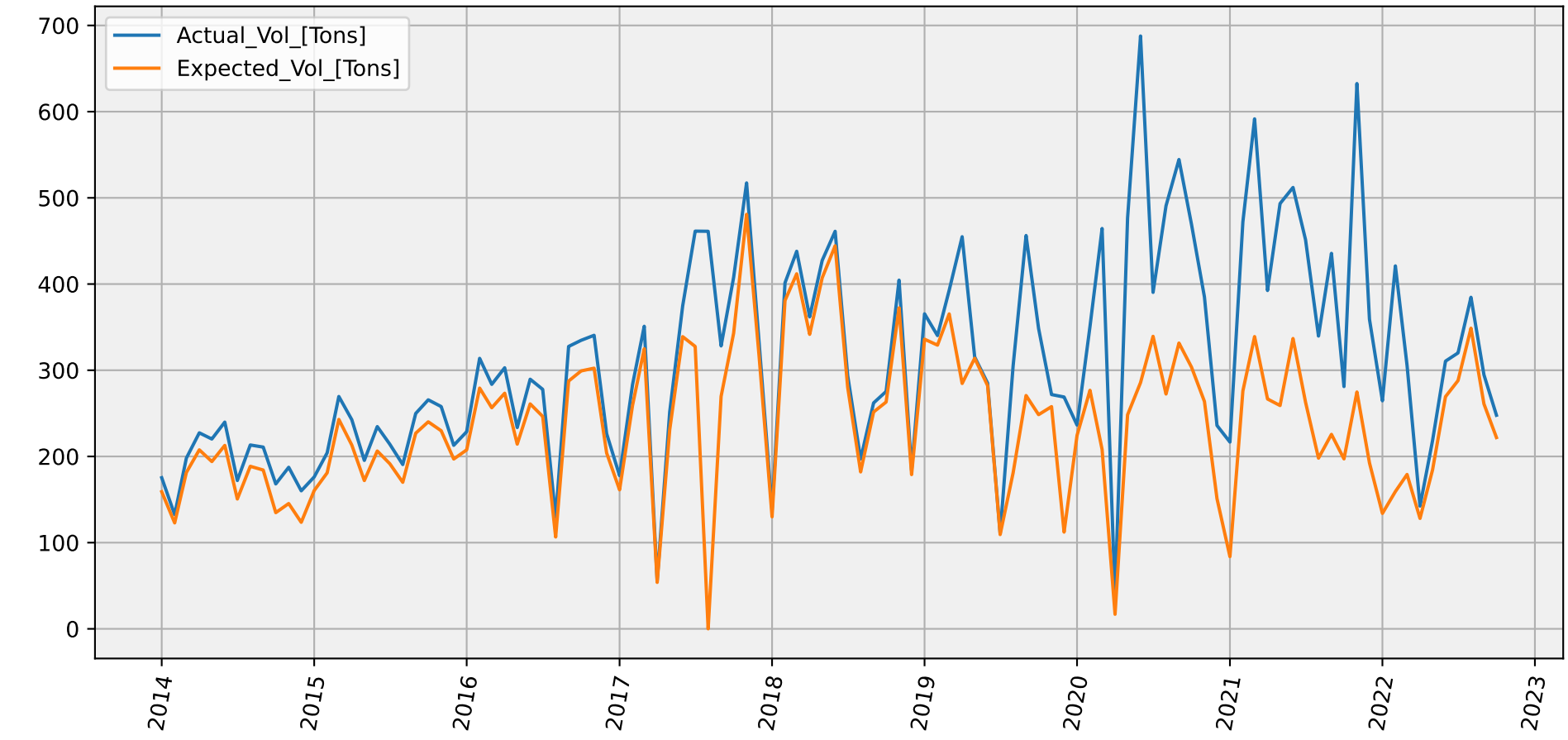
Production Level Plant_1



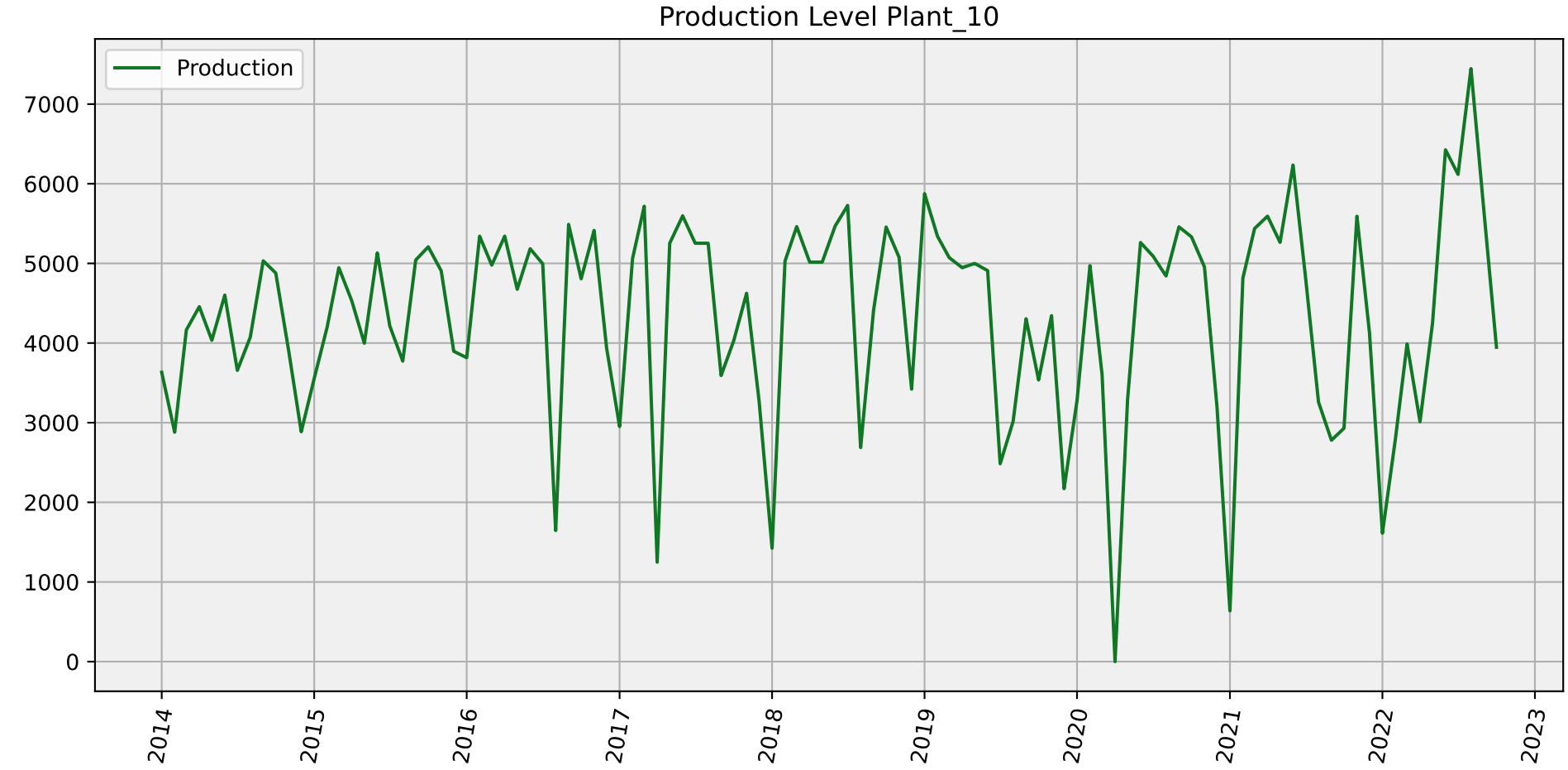
Volume/Production Ratio Provider_24-Plant_1



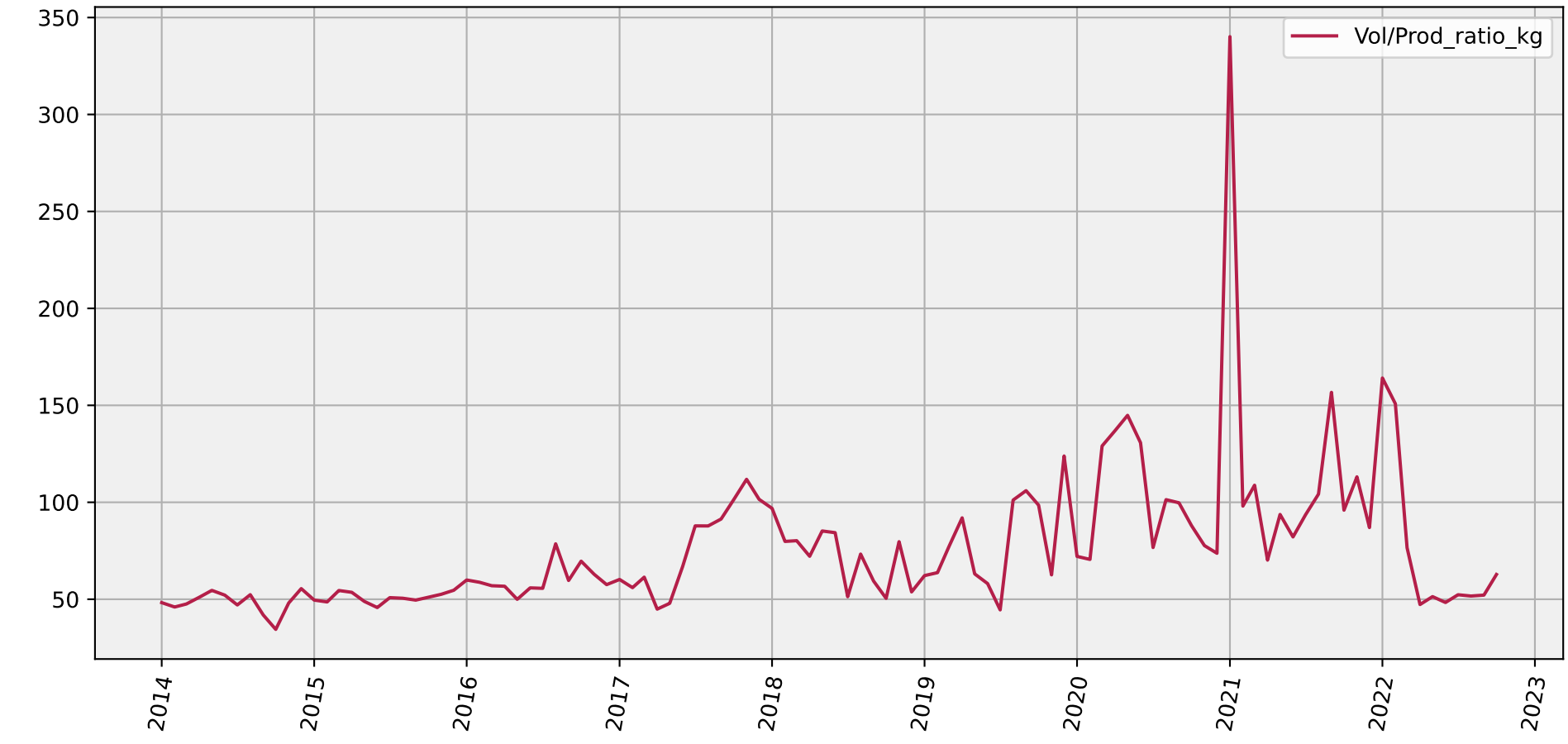
Incoming Volume Provider_24-Plant_10



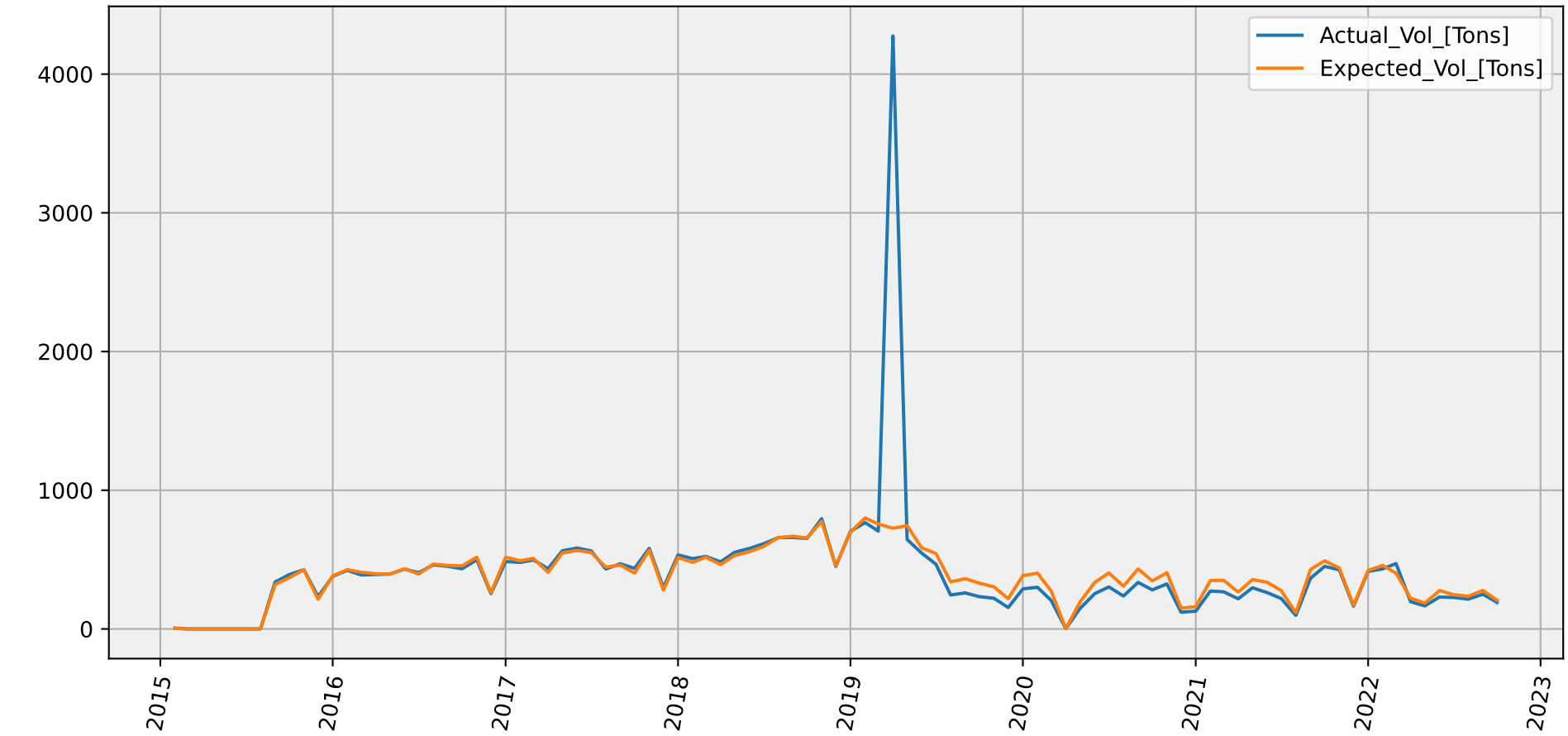
Production Level Plant_10



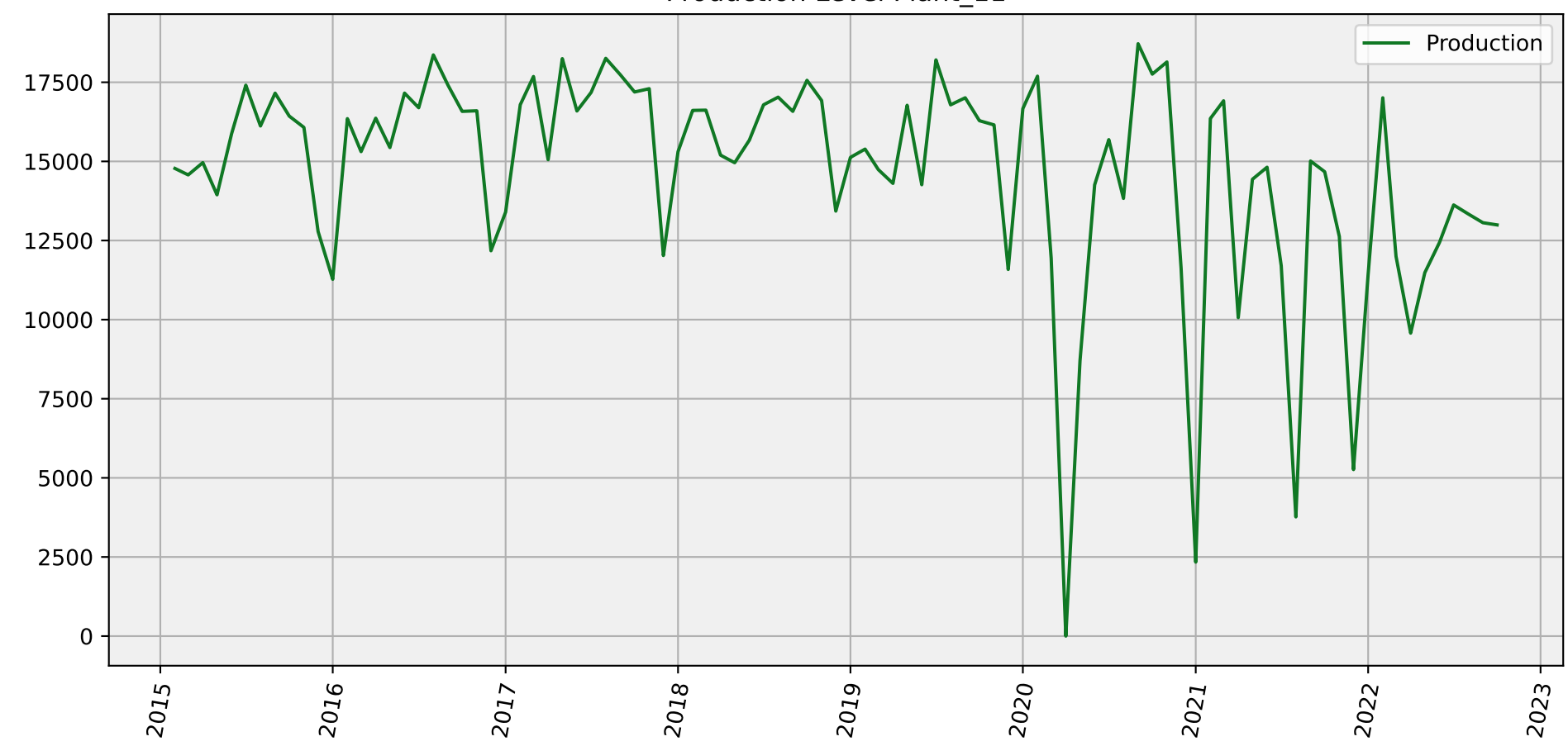
Volume/Production Ratio Provider_24-Plant_10



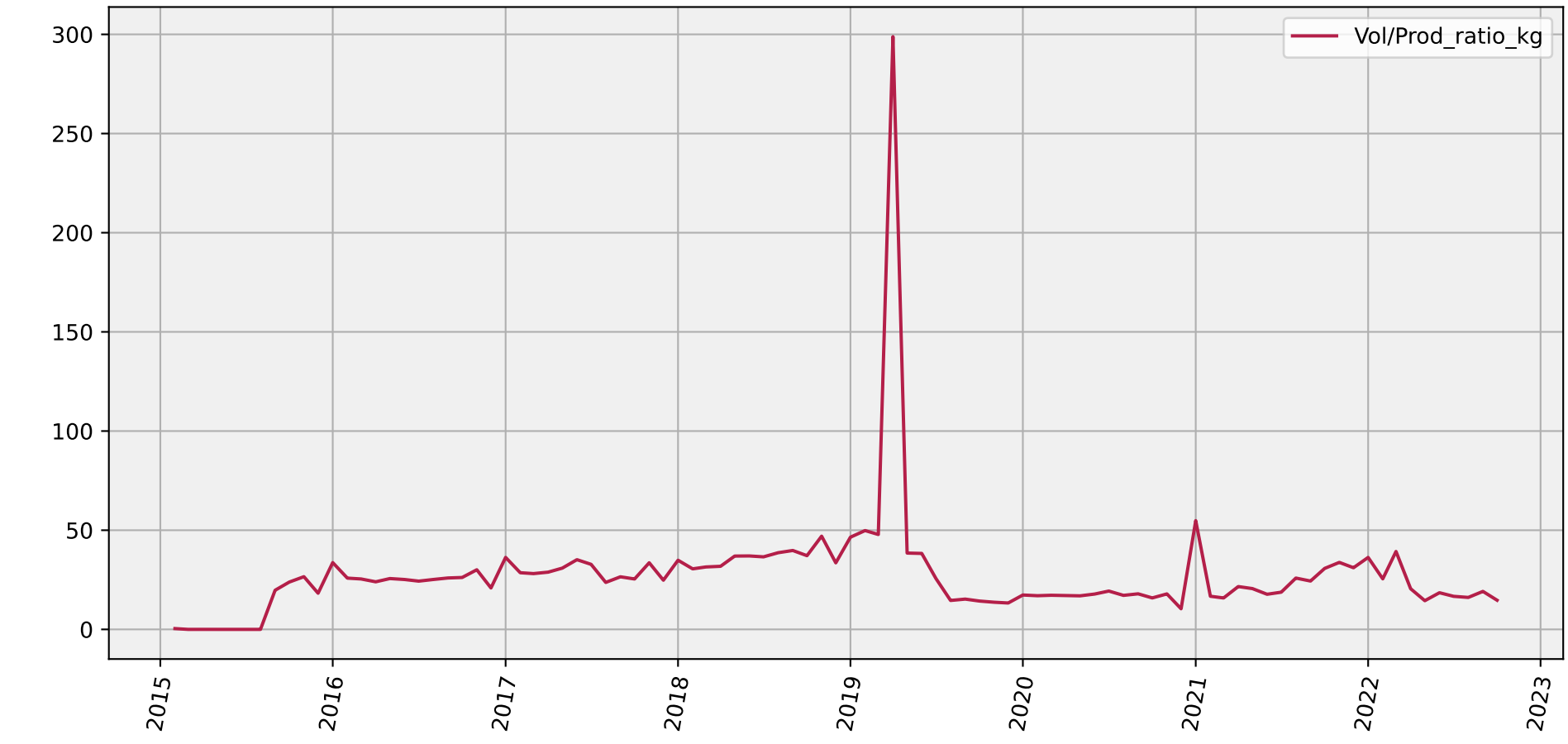
Incoming Volume Provider_24-Plant_11

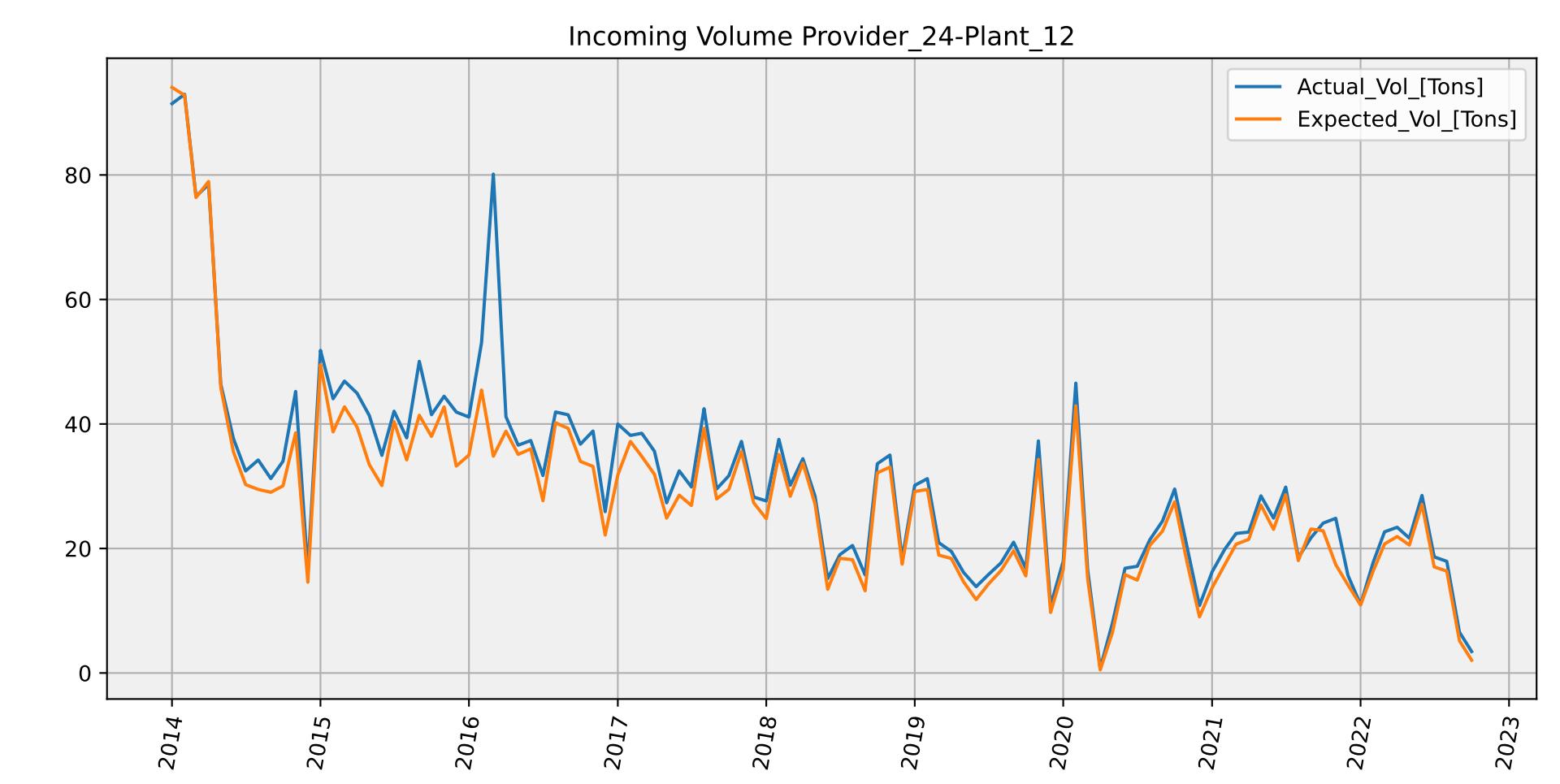


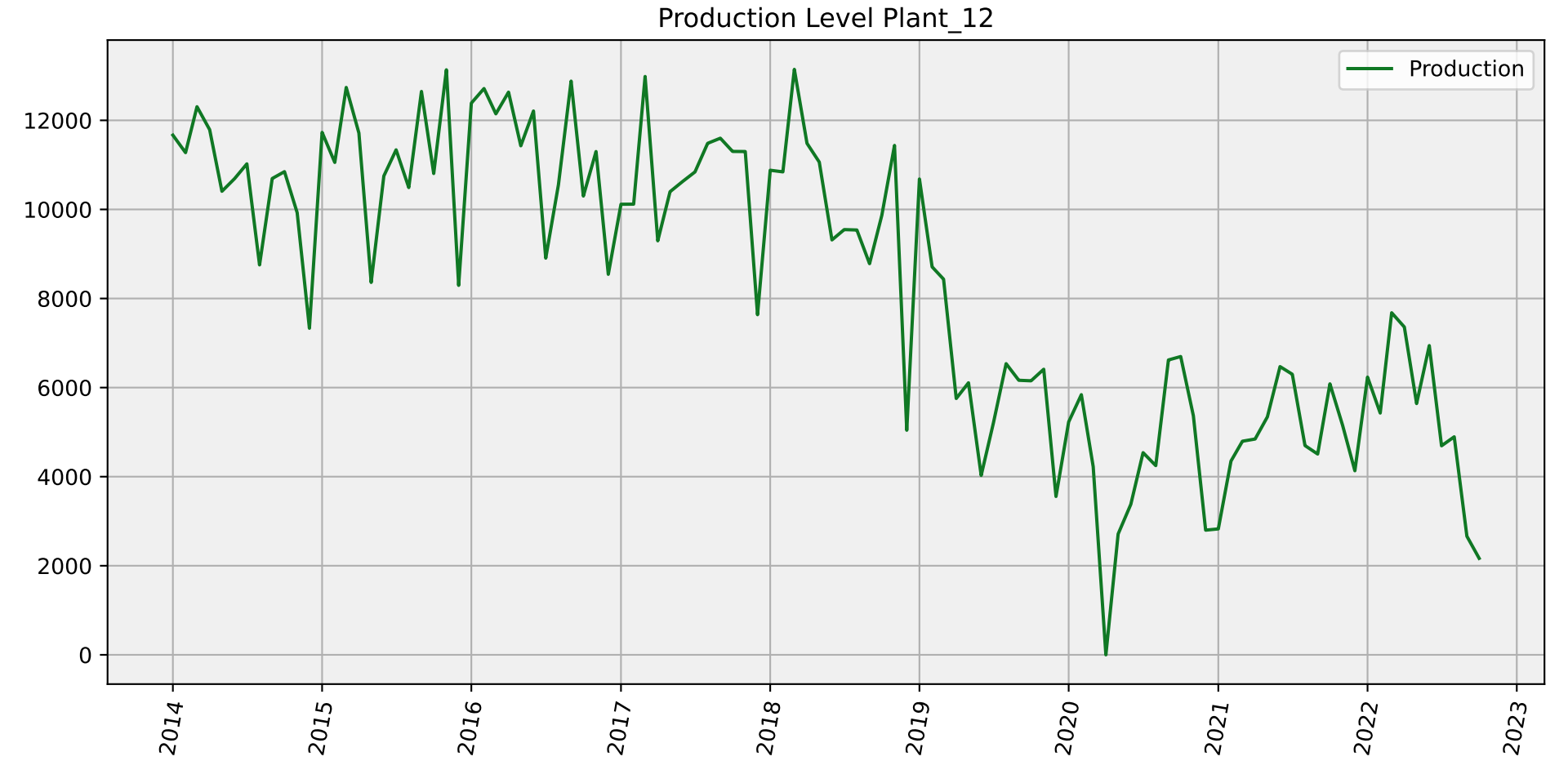
Production Level Plant_11

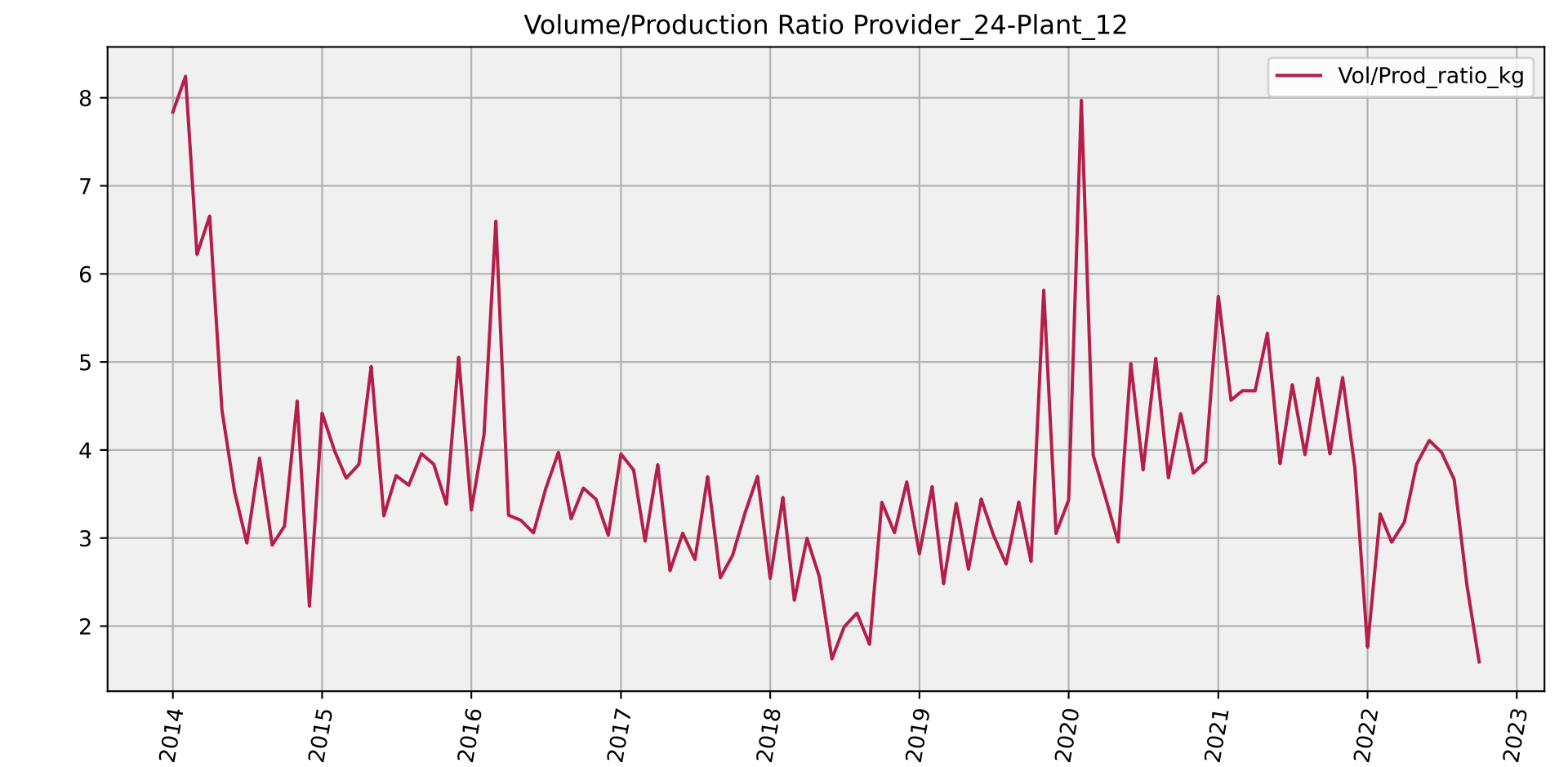


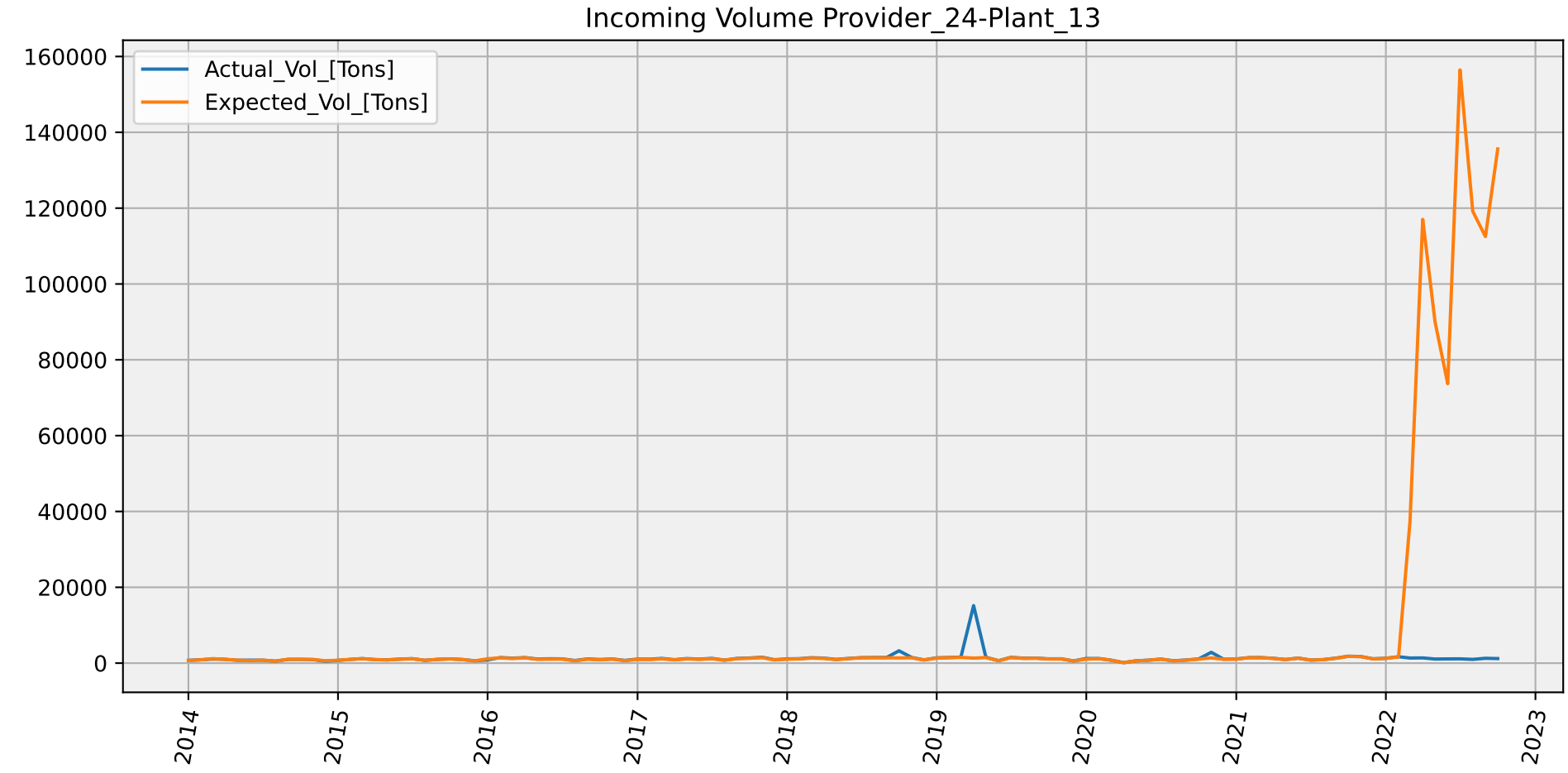
Volume/Production Ratio Provider_24-Plant_11

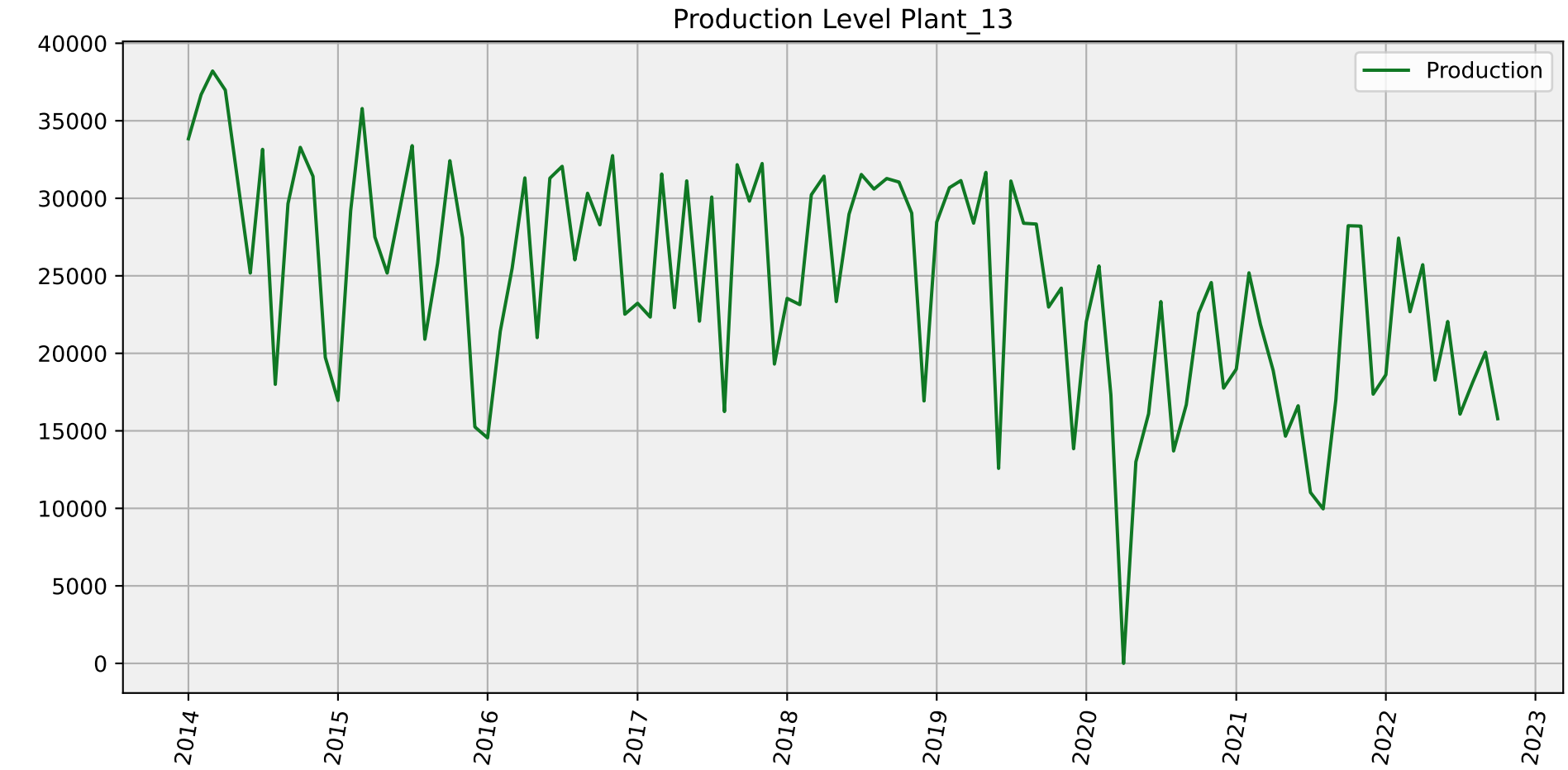


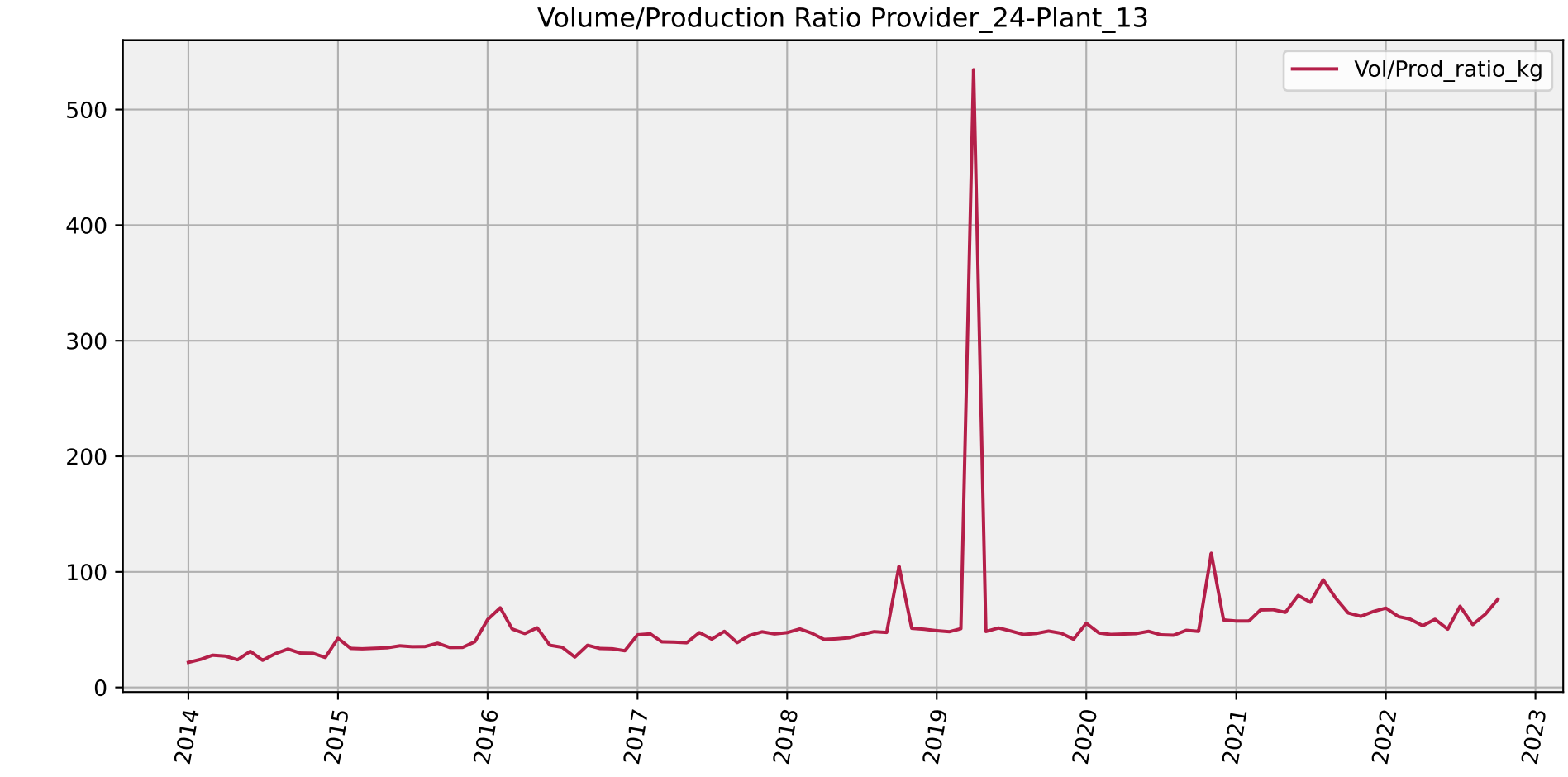

Incoming Volume Provider_24-Plant_12
Actual_Vol_[Tons]
Expected_Vol_[Tons]
0
20
40
60
80
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Production Level Plant_12
Production
0
2000
4000
6000
8000
10000
12000
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

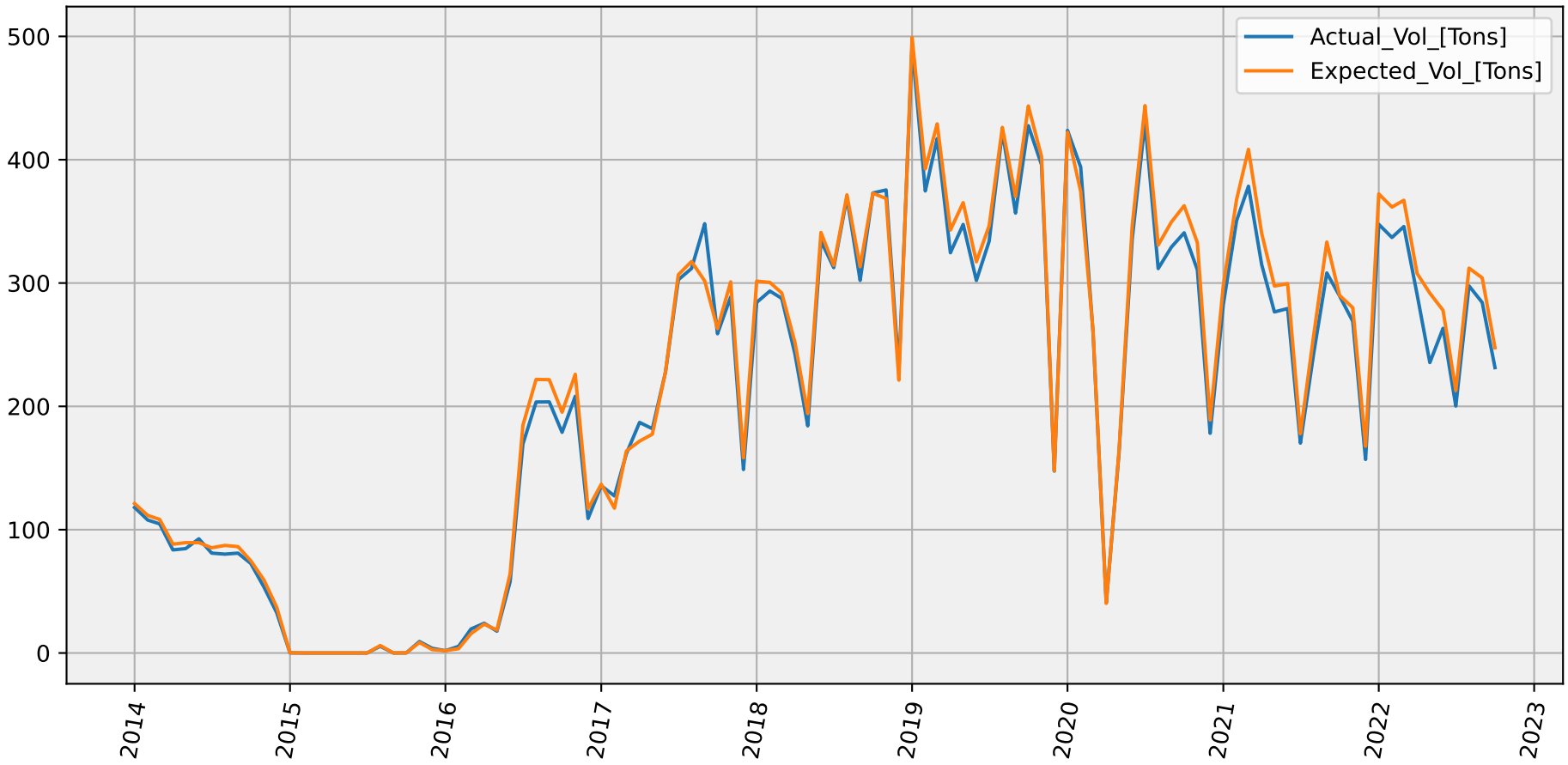

Volume/Production Ratio Provider_24-Plant_12
Vol/Prod_ratio_kg
2
3
4
5
6
7
8
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Incoming Volume Provider_24-Plant_13
Actual_Vol_[Tons]
Expected_Vol_[Tons]
160000
140000
120000
100000
80000
60000
40000
20000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

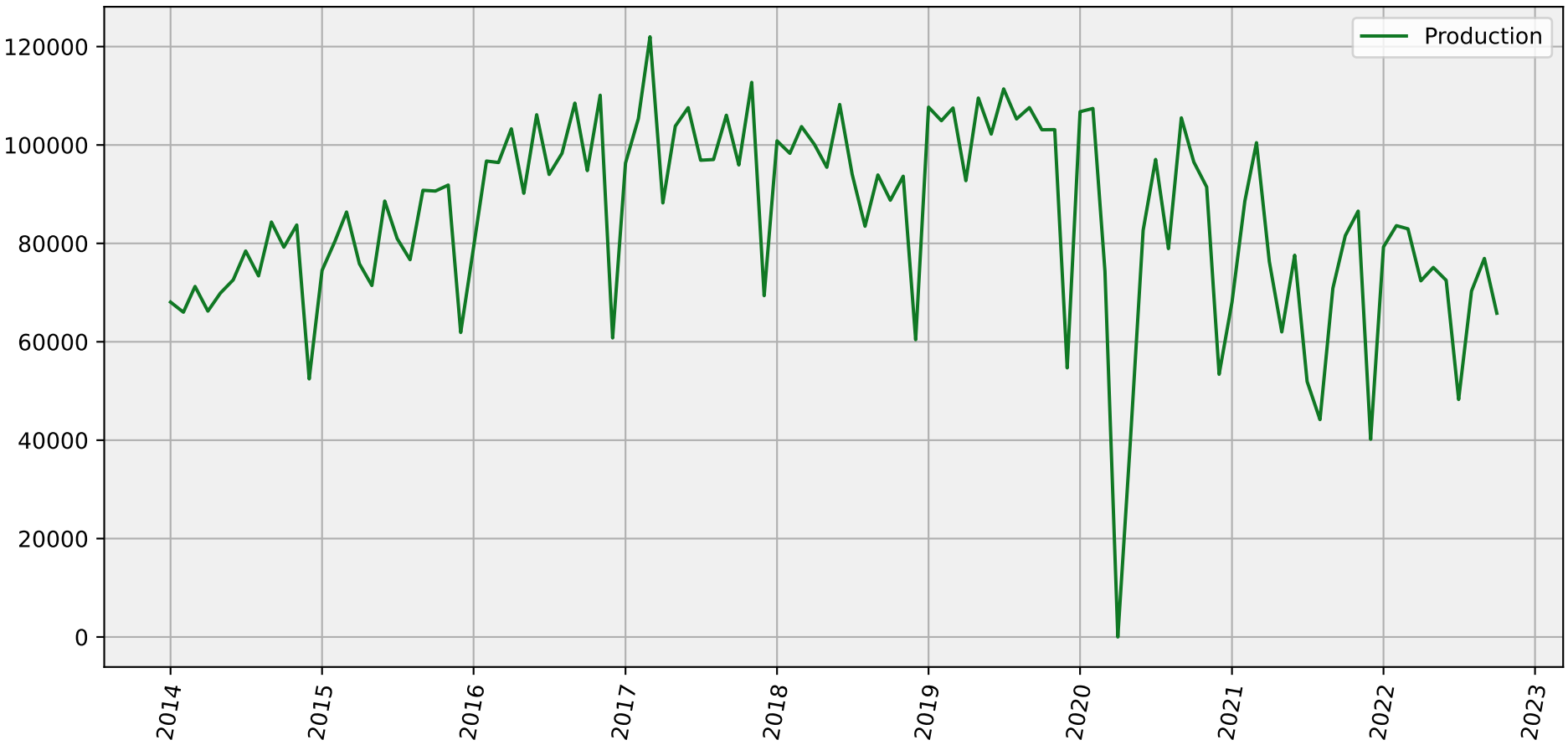

Production Level Plant_13
Production
40000
35000
30000
25000
20000
15000
10000
5000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_24-Plant_13
Vol/Prod_ratio_kg
500
400
300
200
100
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

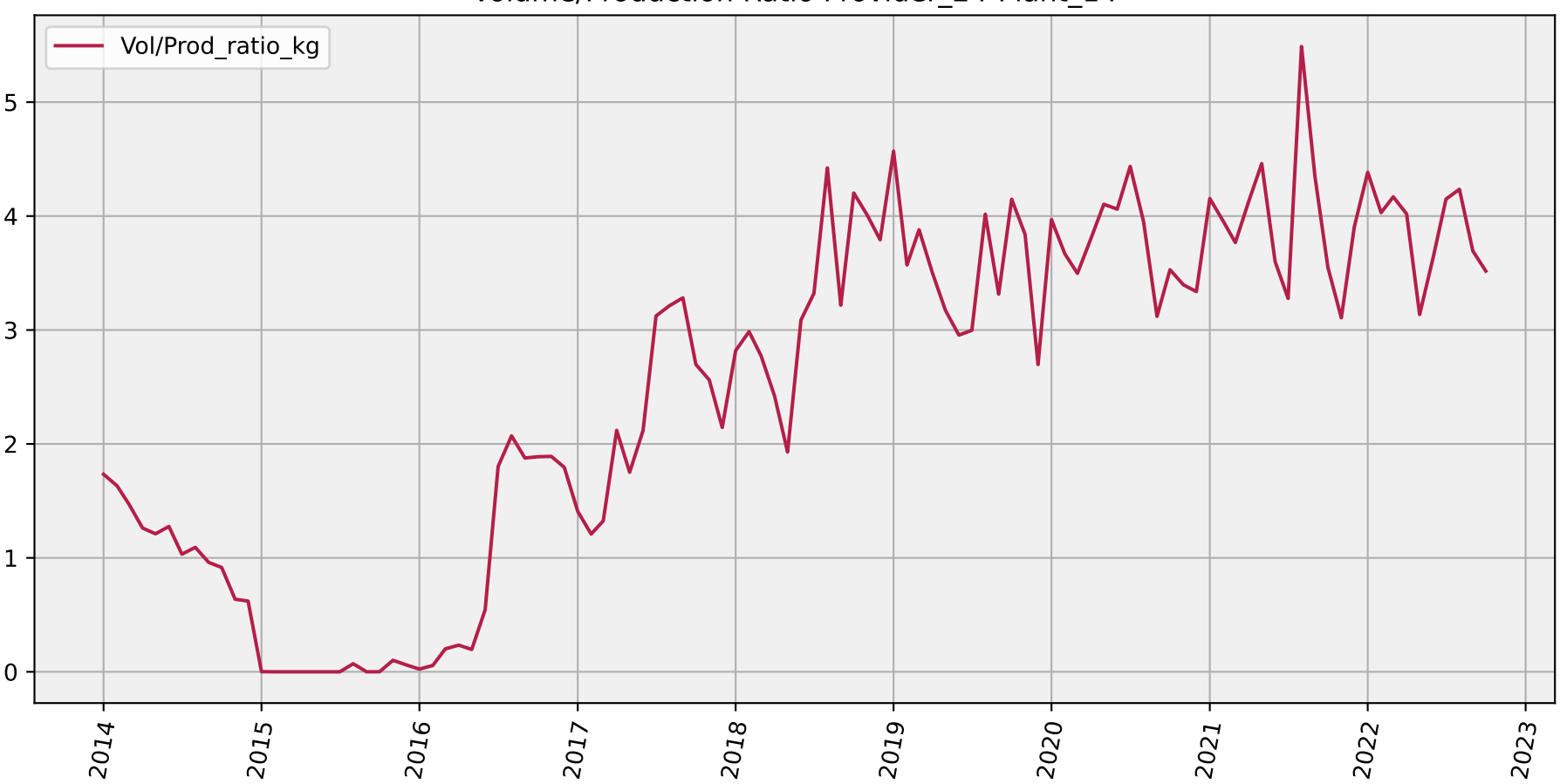
Incoming Volume Provider_24-Plant_14

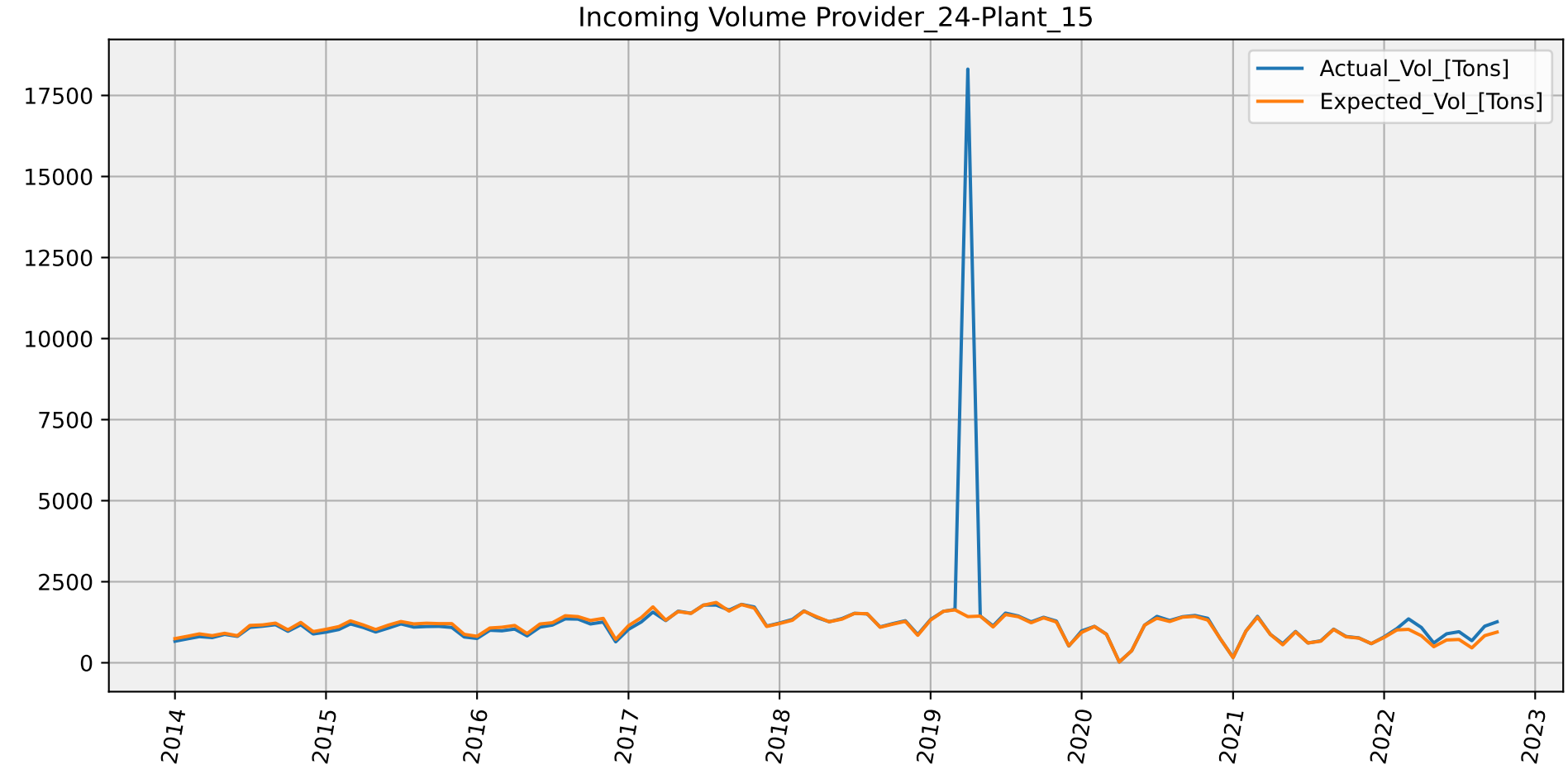


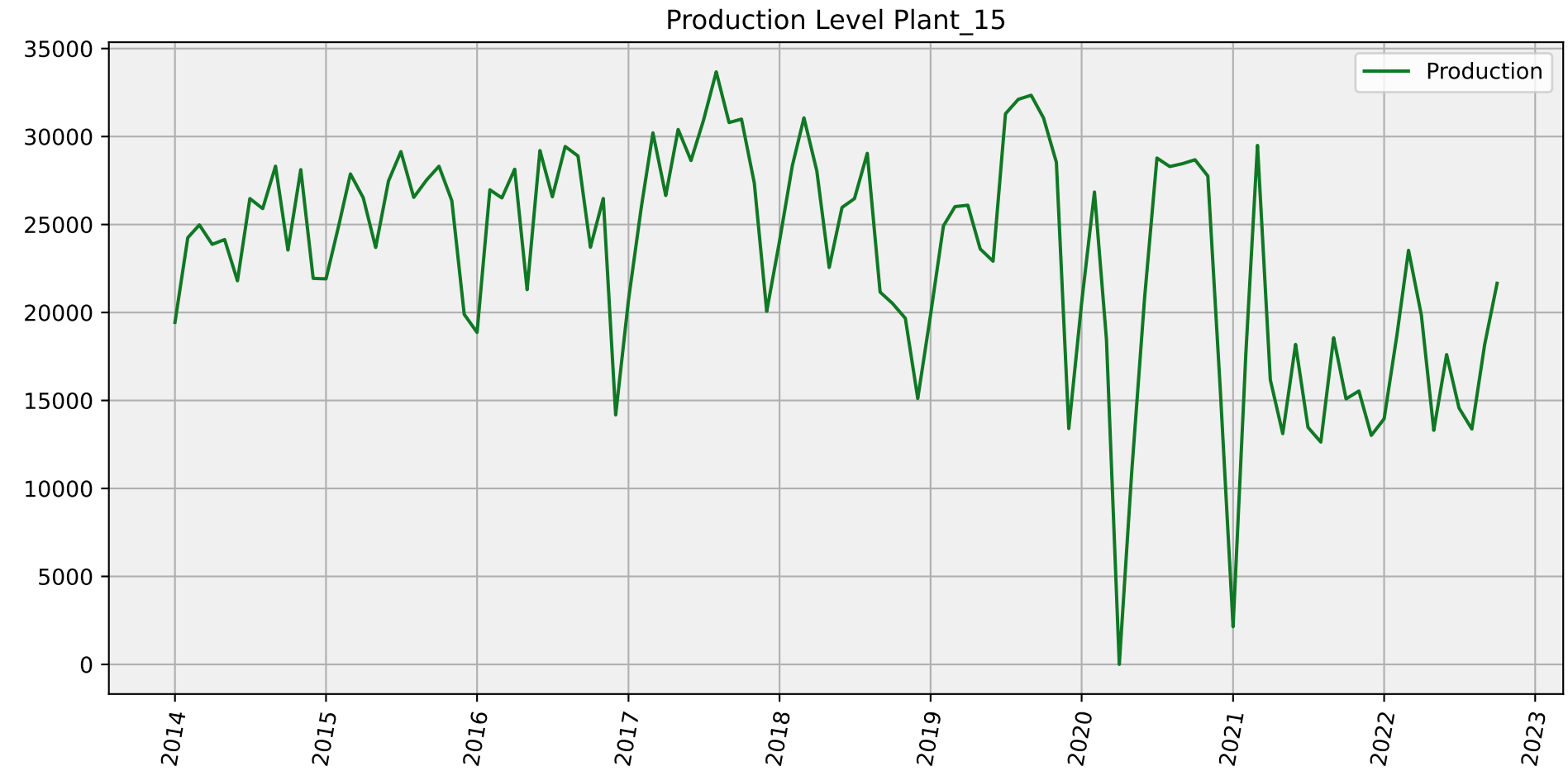
Production Level Plant_14

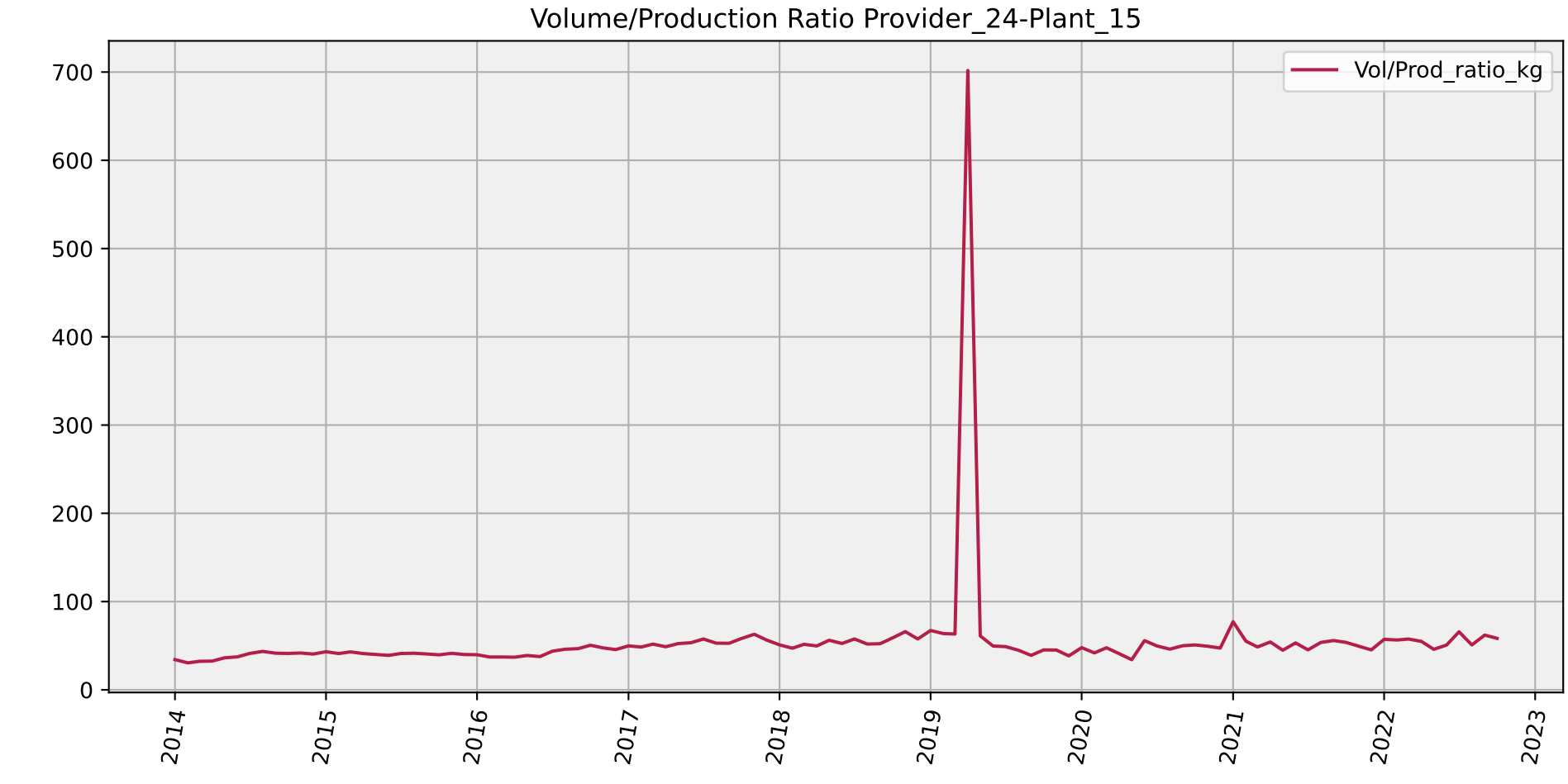


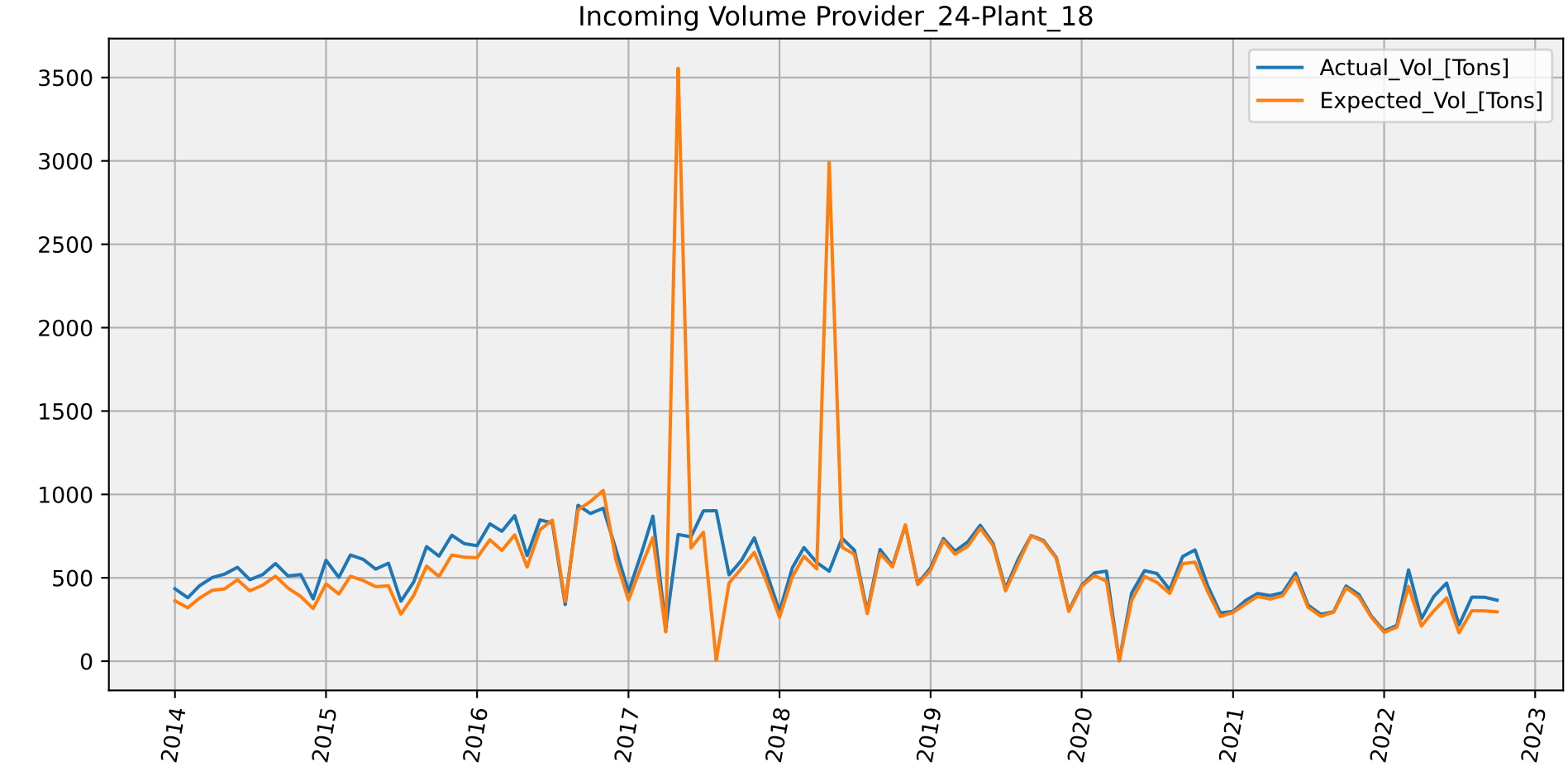
Volume/Production Ratio Provider_24-Plant_14

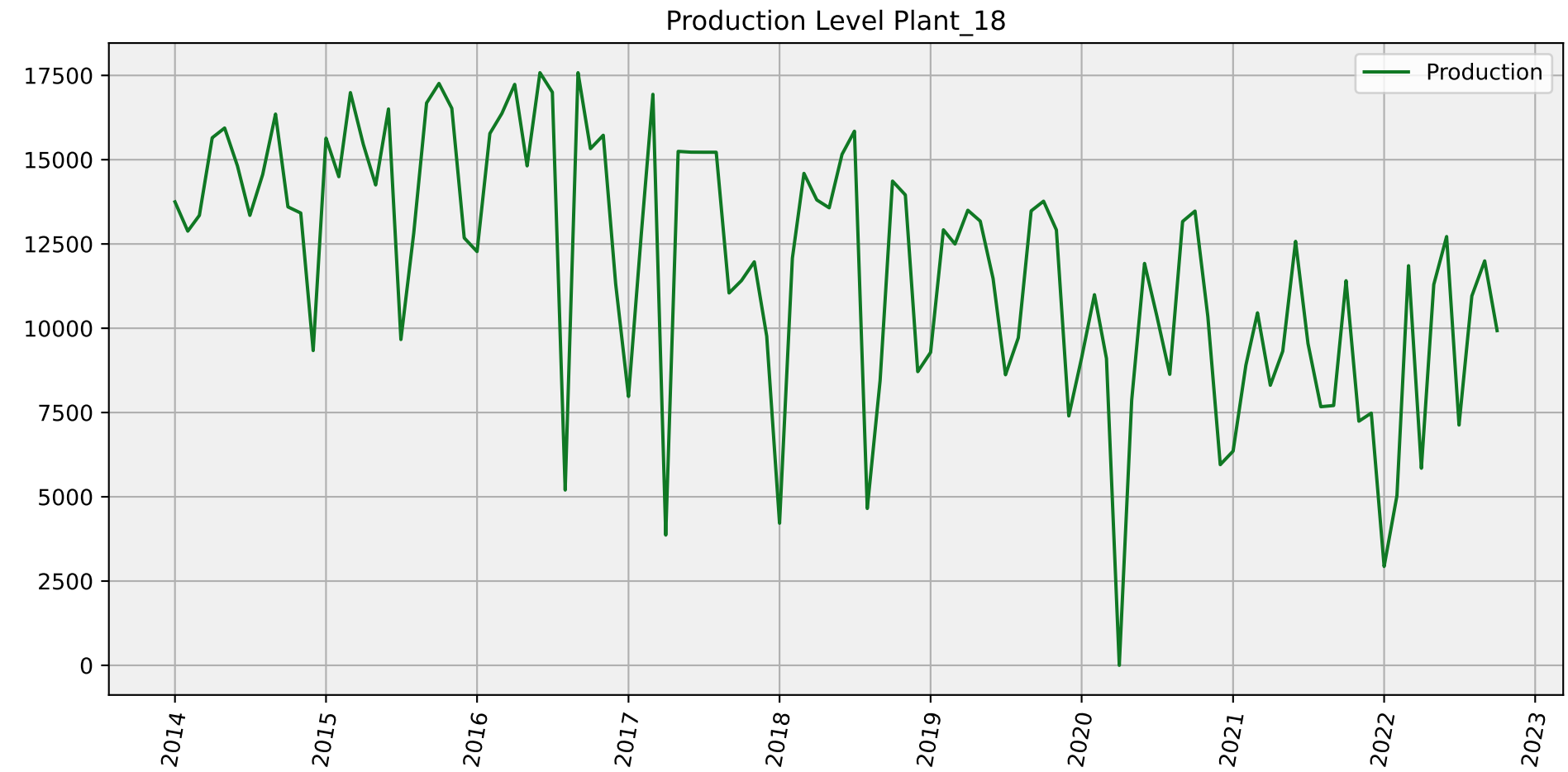


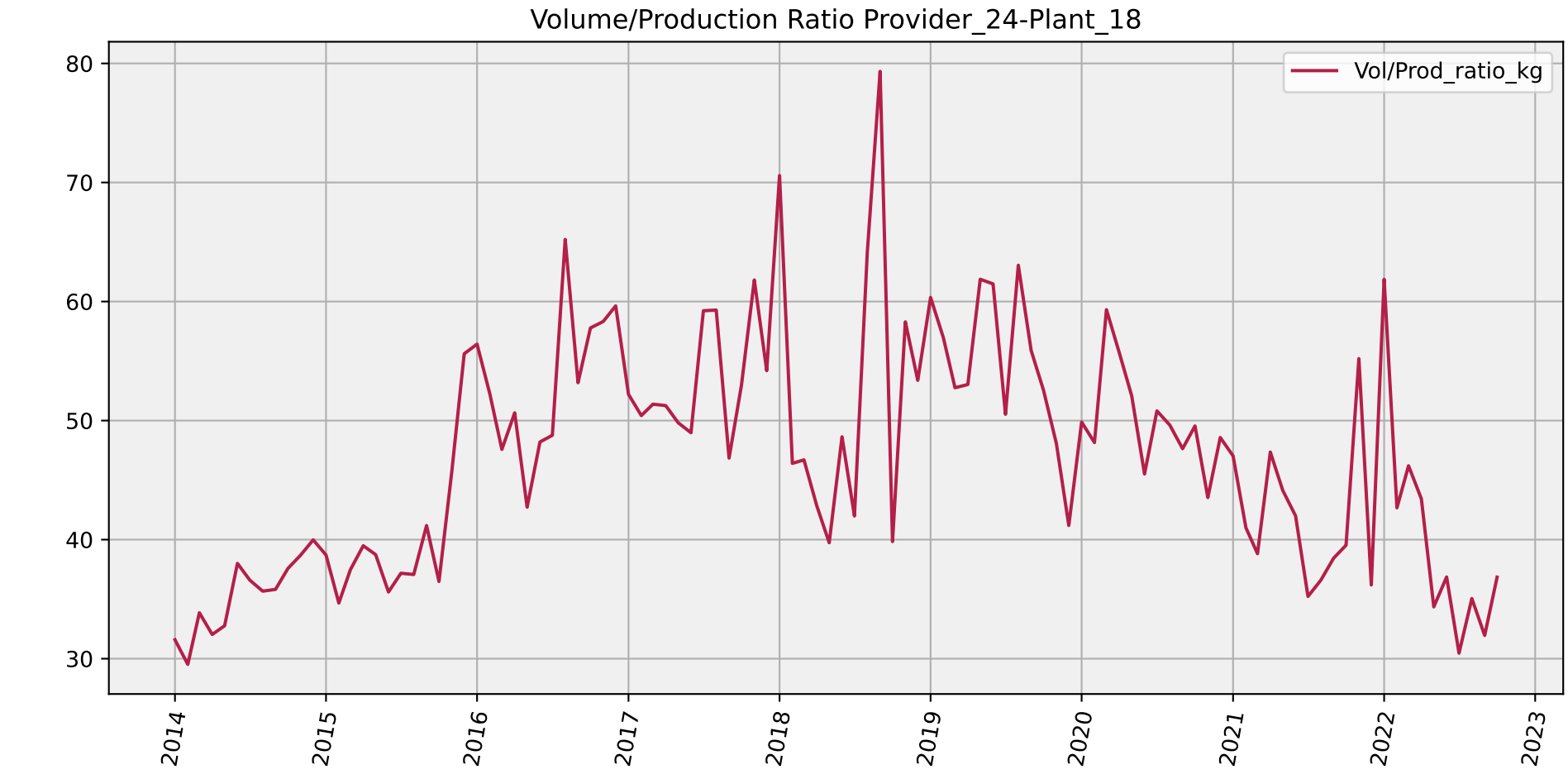

Incoming Volume Provider_24-Plant_15
Actual_Vol_[Tons]
Expected_Vol_[Tons]
17500
15000
12500
10000
7500
5000
2500
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Production Level Plant_15
Production
35000
30000
25000
20000
15000
10000
5000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

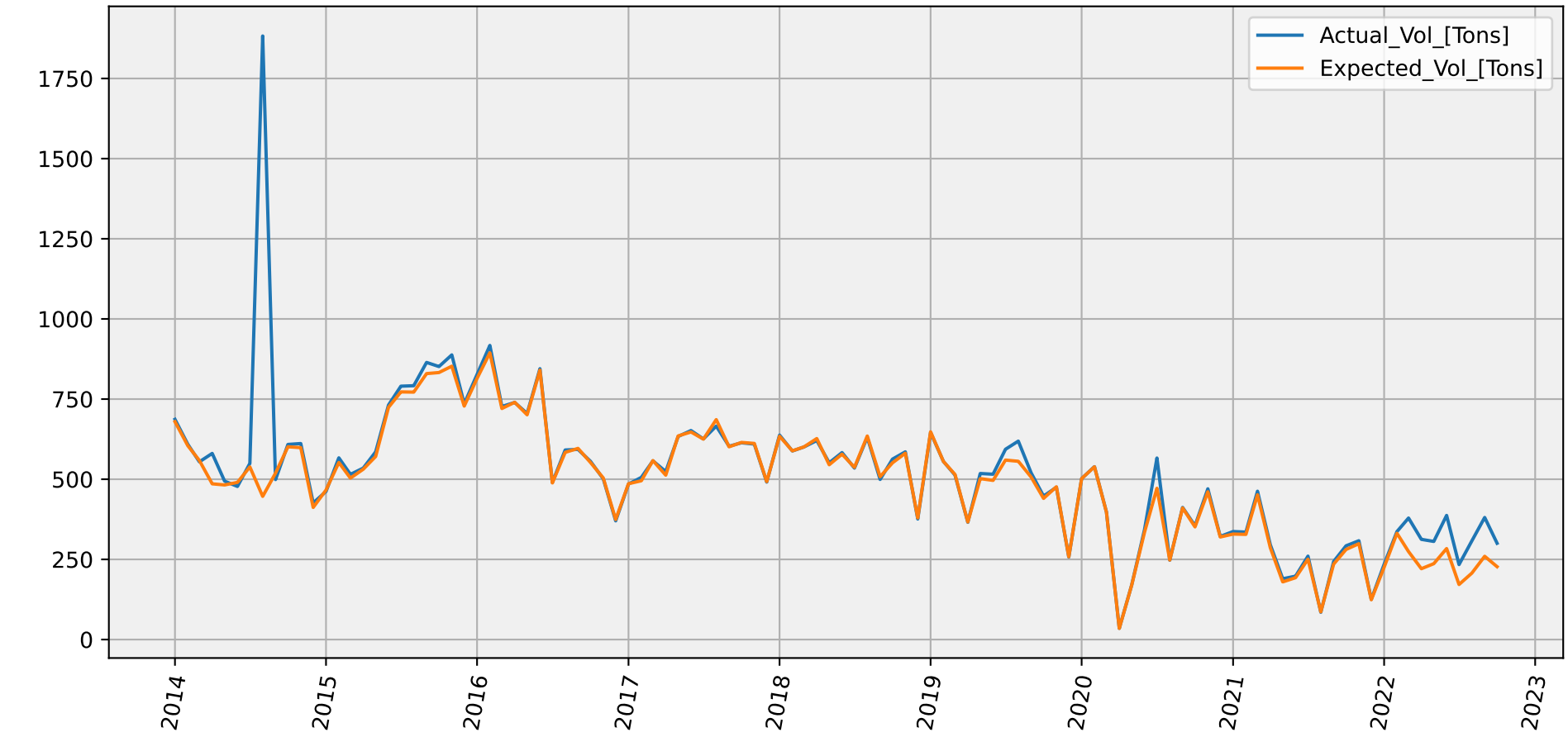

Volume/Production Ratio Provider_24-Plant_15
Vol/Prod_ratio_kg
700
600
500
400
300
200
100
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Incoming Volume Provider_24-Plant_18
Actual_Vol_[Tons]
Expected_Vol_[Tons]
3500
3000
2500
2000
1500
1000
500
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

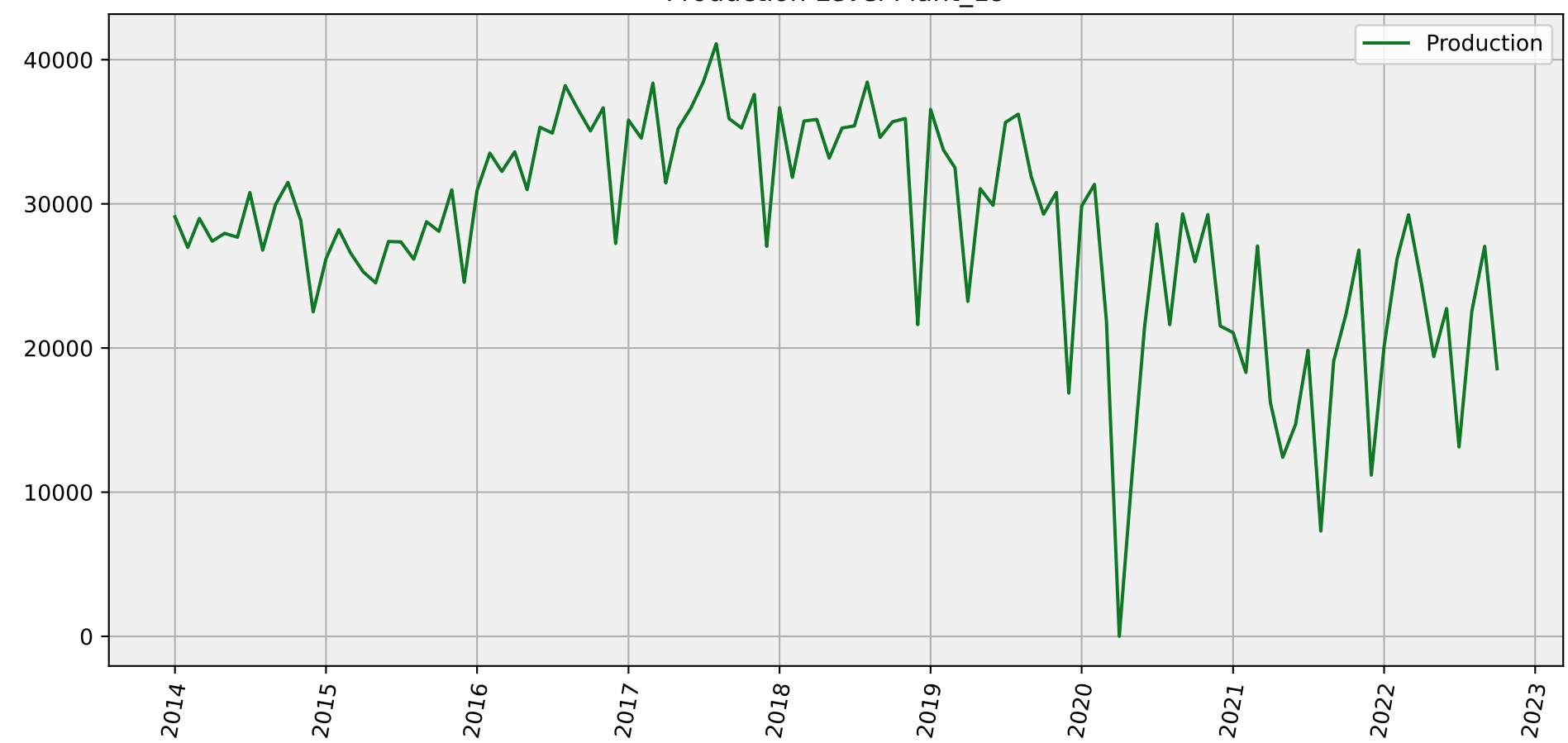

Production Level Plant_18
Production
17500
15000
12500
10000
7500
5000
2500
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_24-Plant_18
Vol/Prod_ratio_kg
80
70
60
50
40
30
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

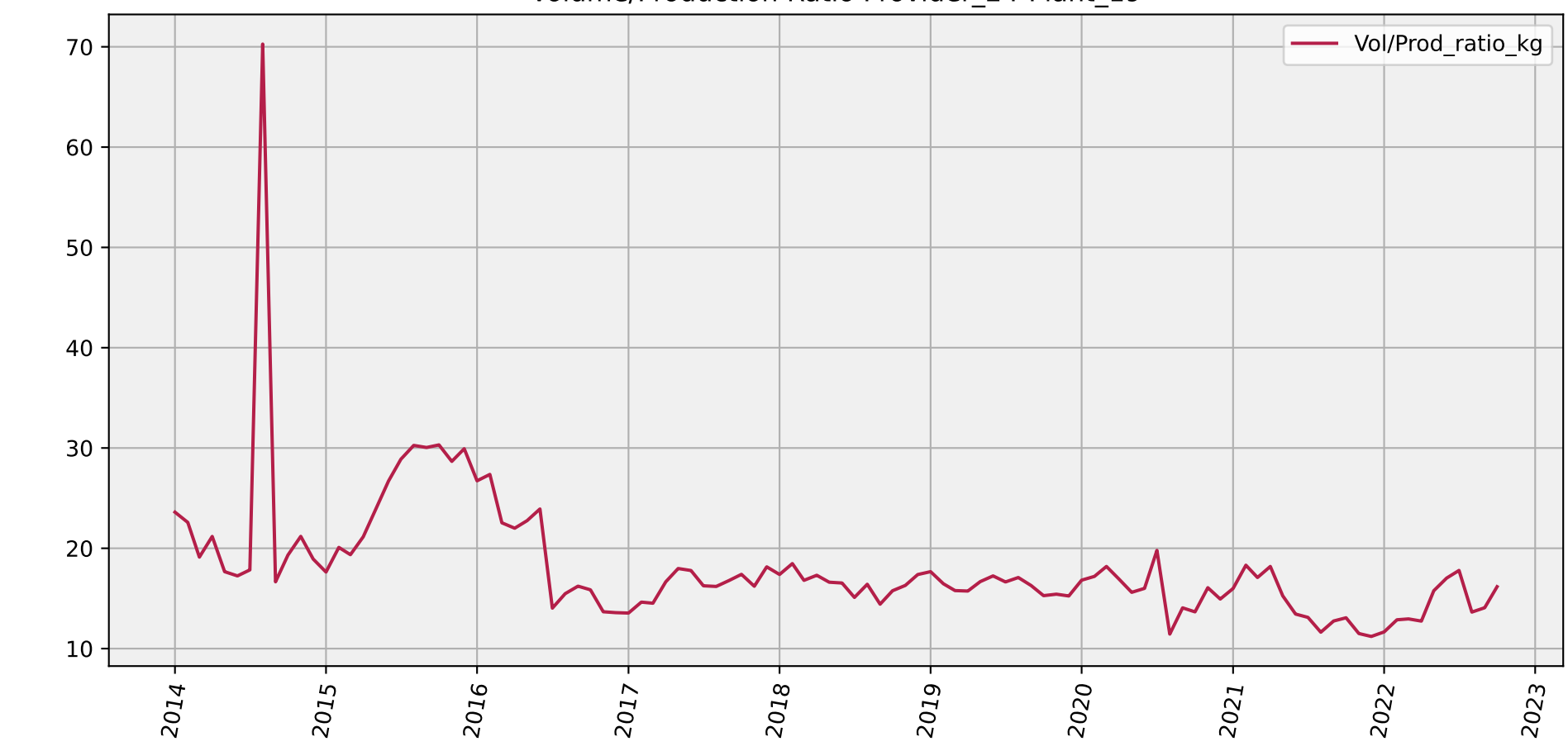
Incoming Volume Provider_24-Plant_19

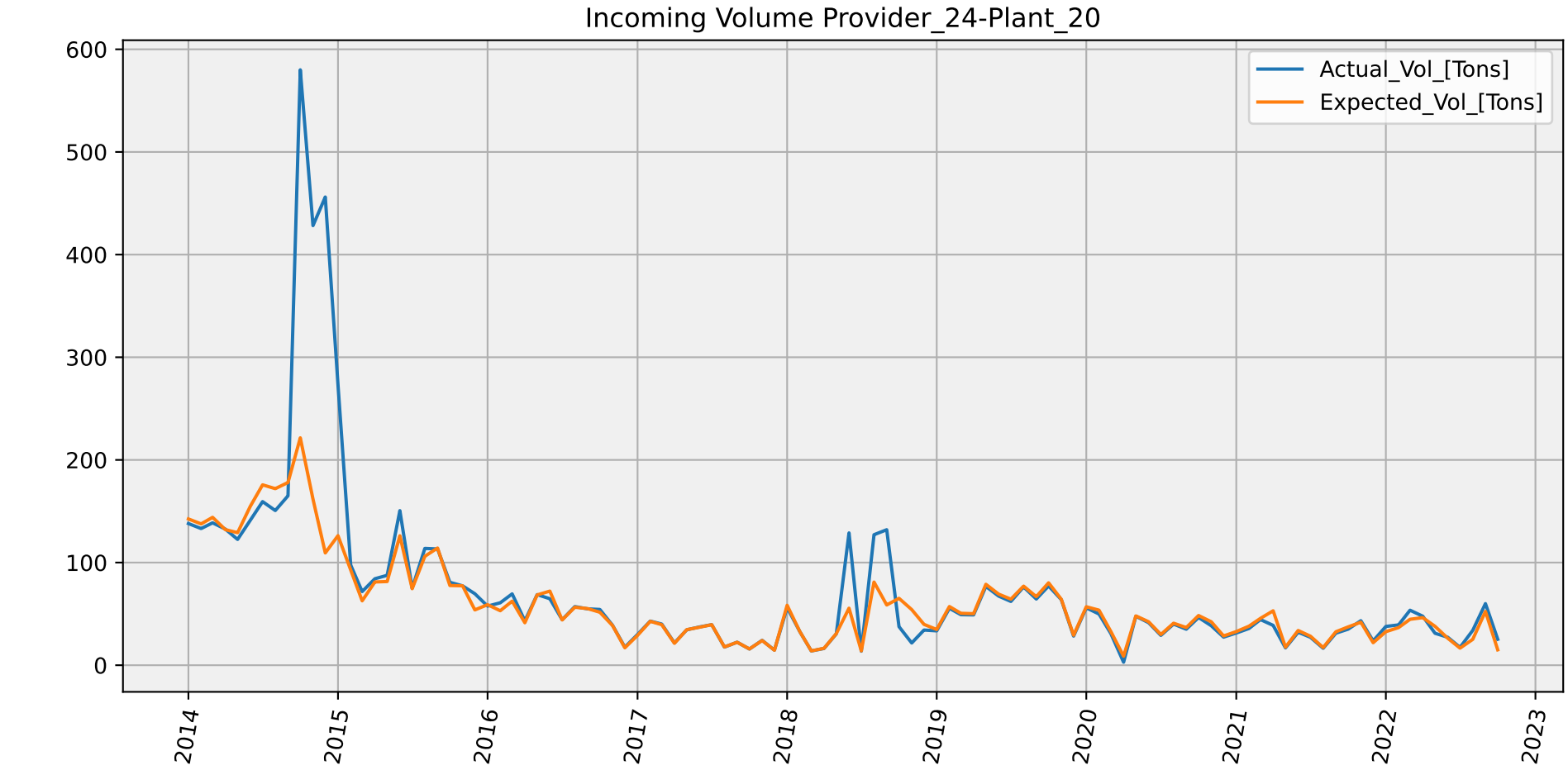


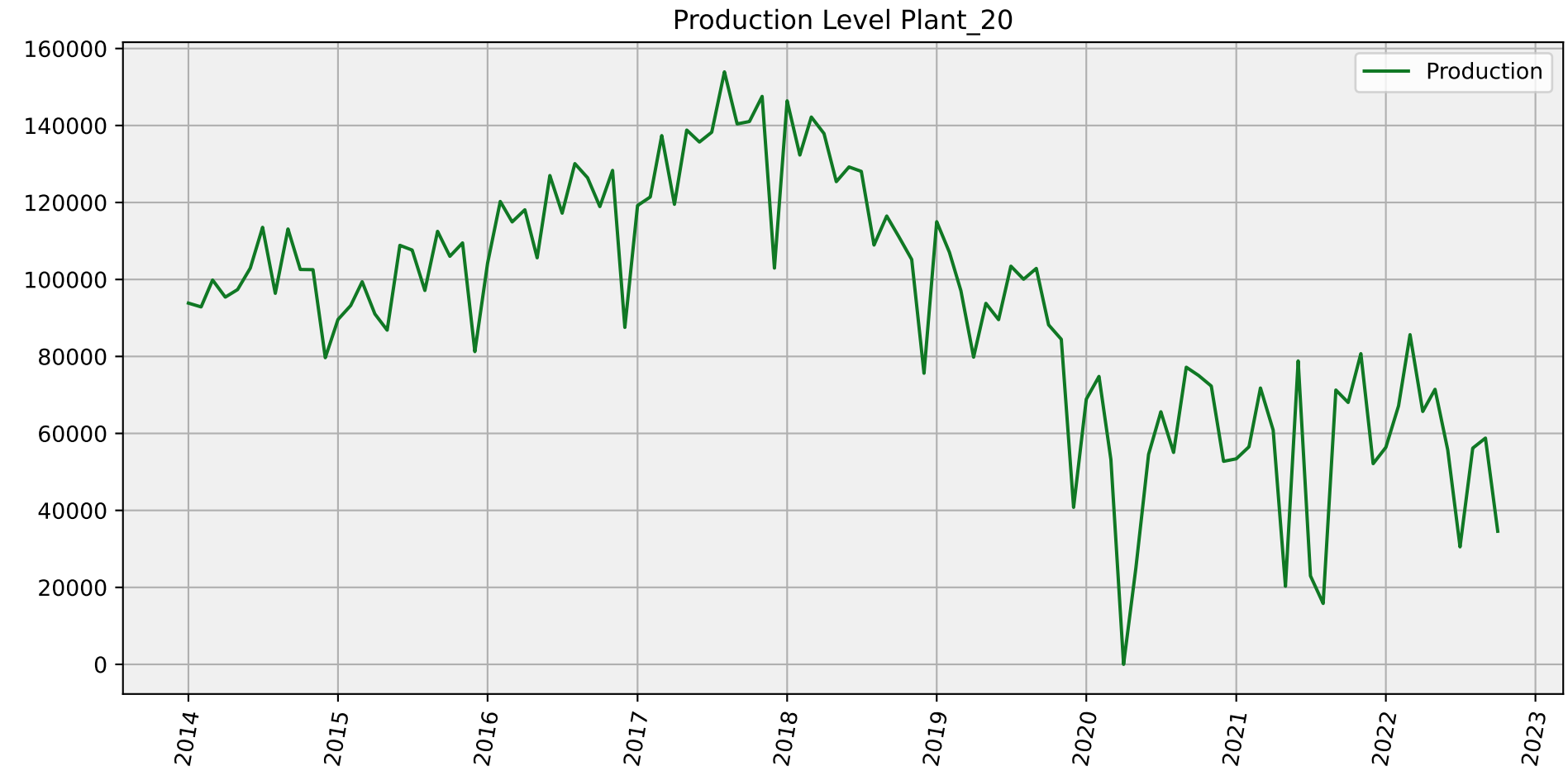
Production Level Plant_19

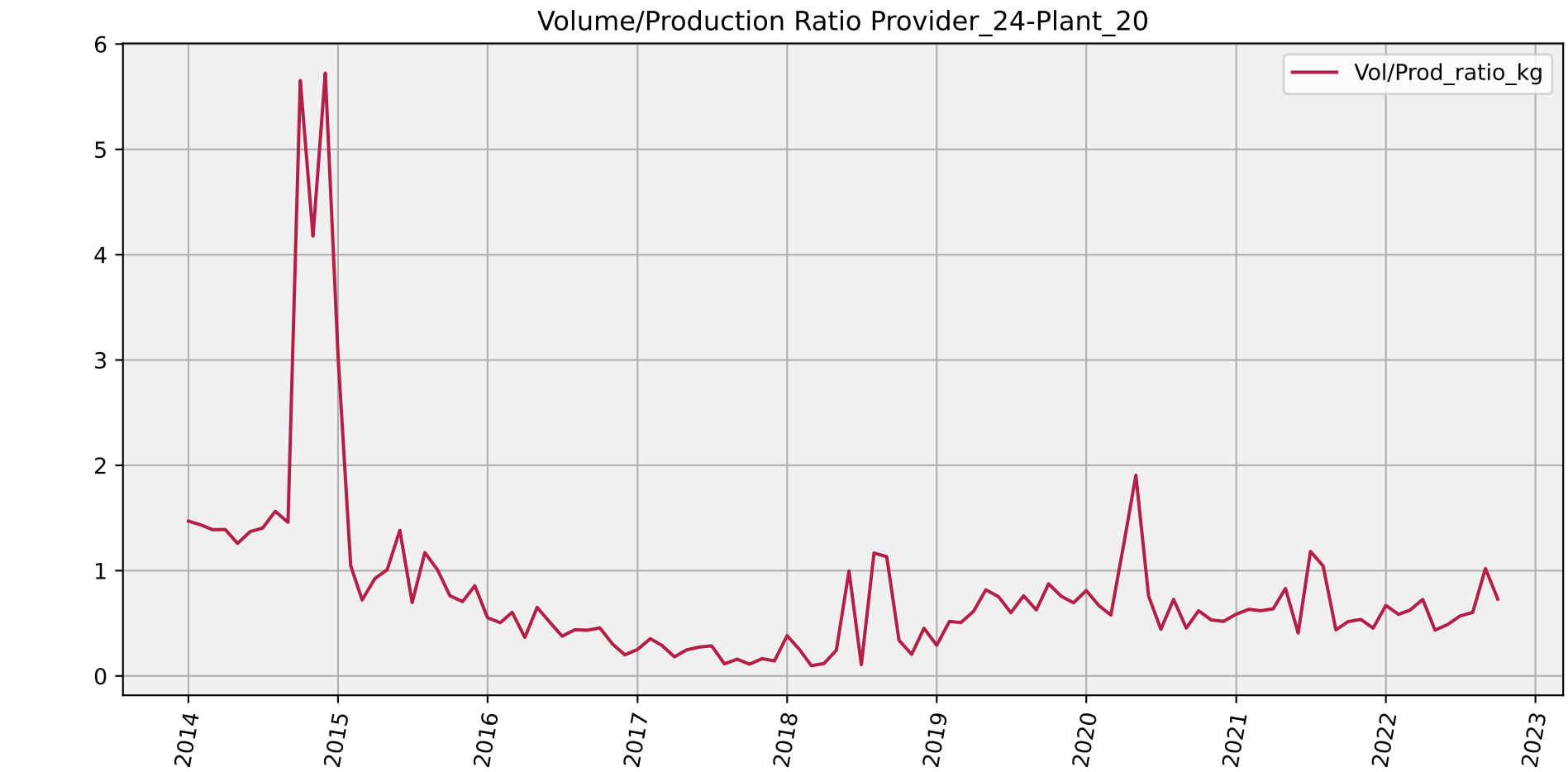


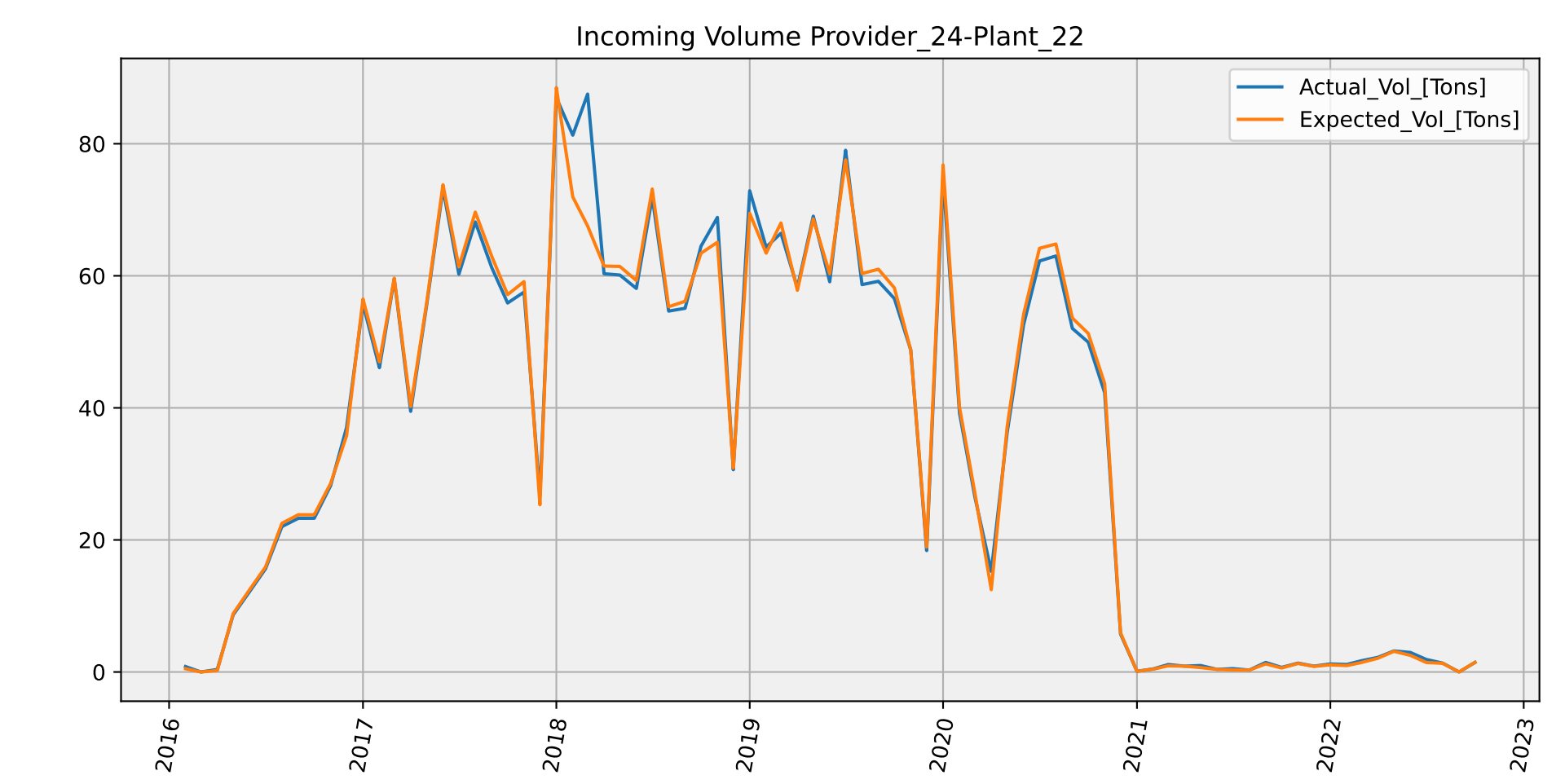
Volume/Production Ratio Provider_24-Plant_19

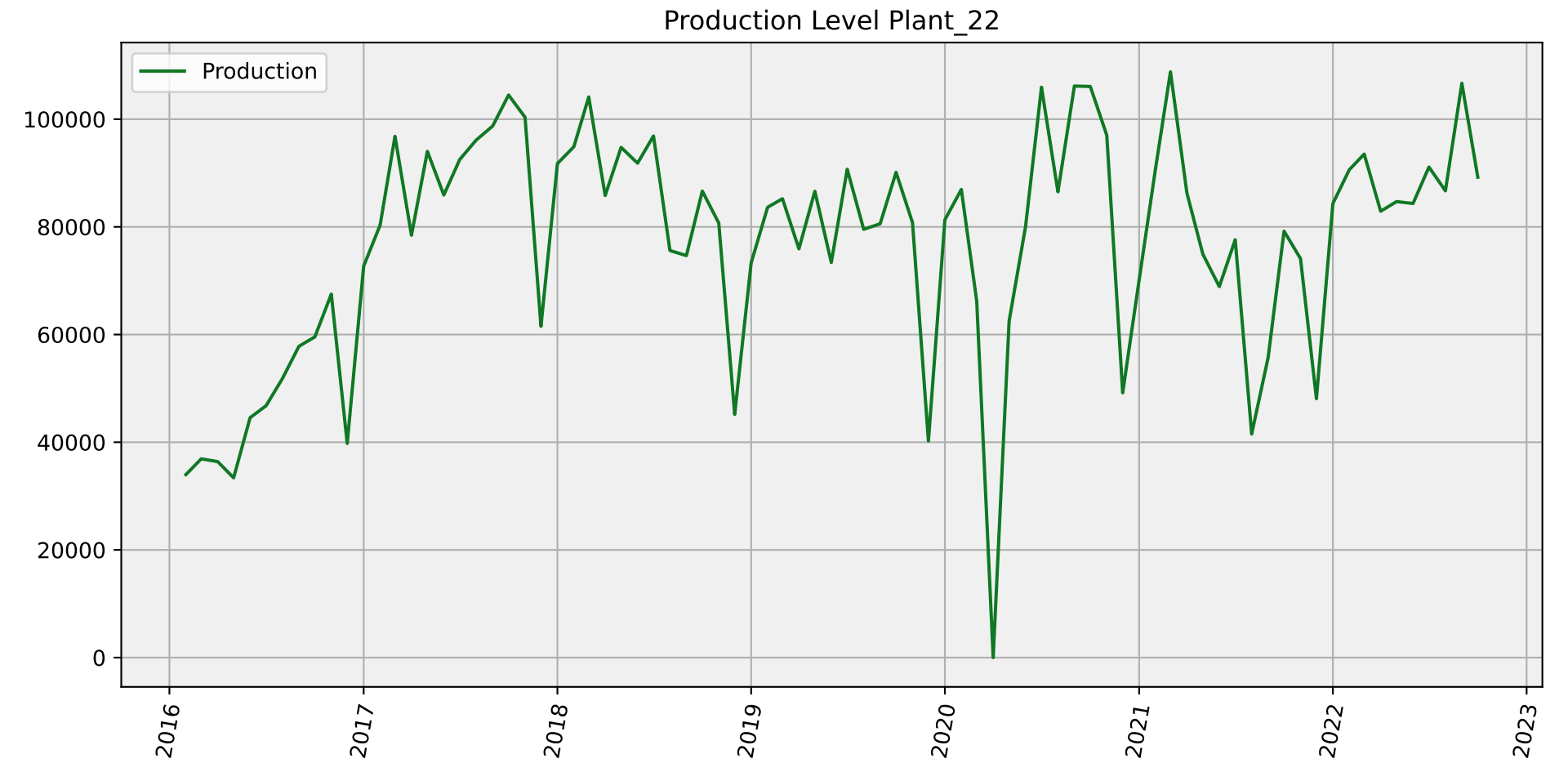


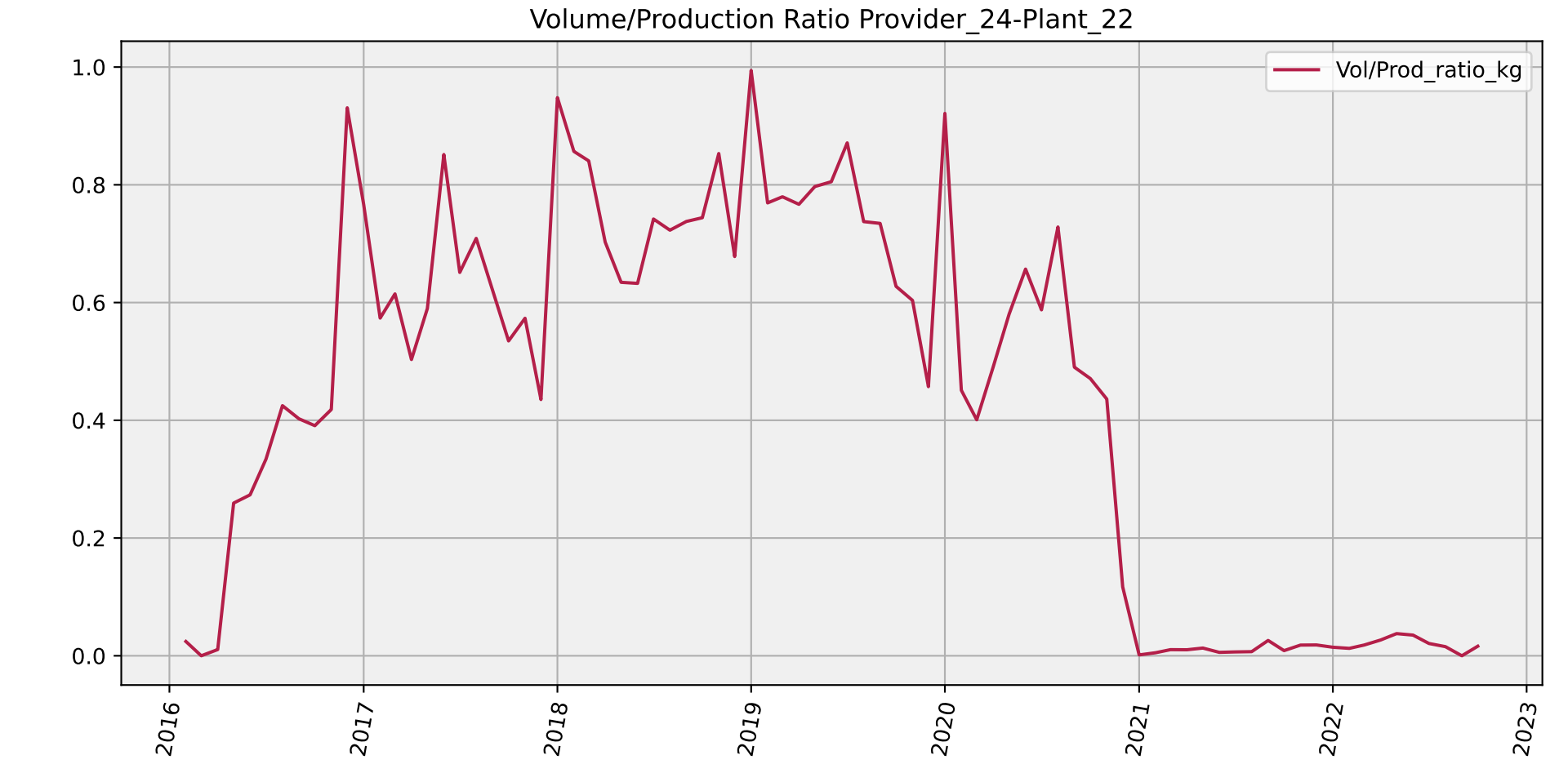

Incoming Volume Provider_24-Plant_20
Actual_Vol_[Tons]
Expected_Vol_[Tons]
600
500
400
300
200
100
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Production Level Plant_20
Production
160000
140000
120000
100000
80000
60000
40000
20000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

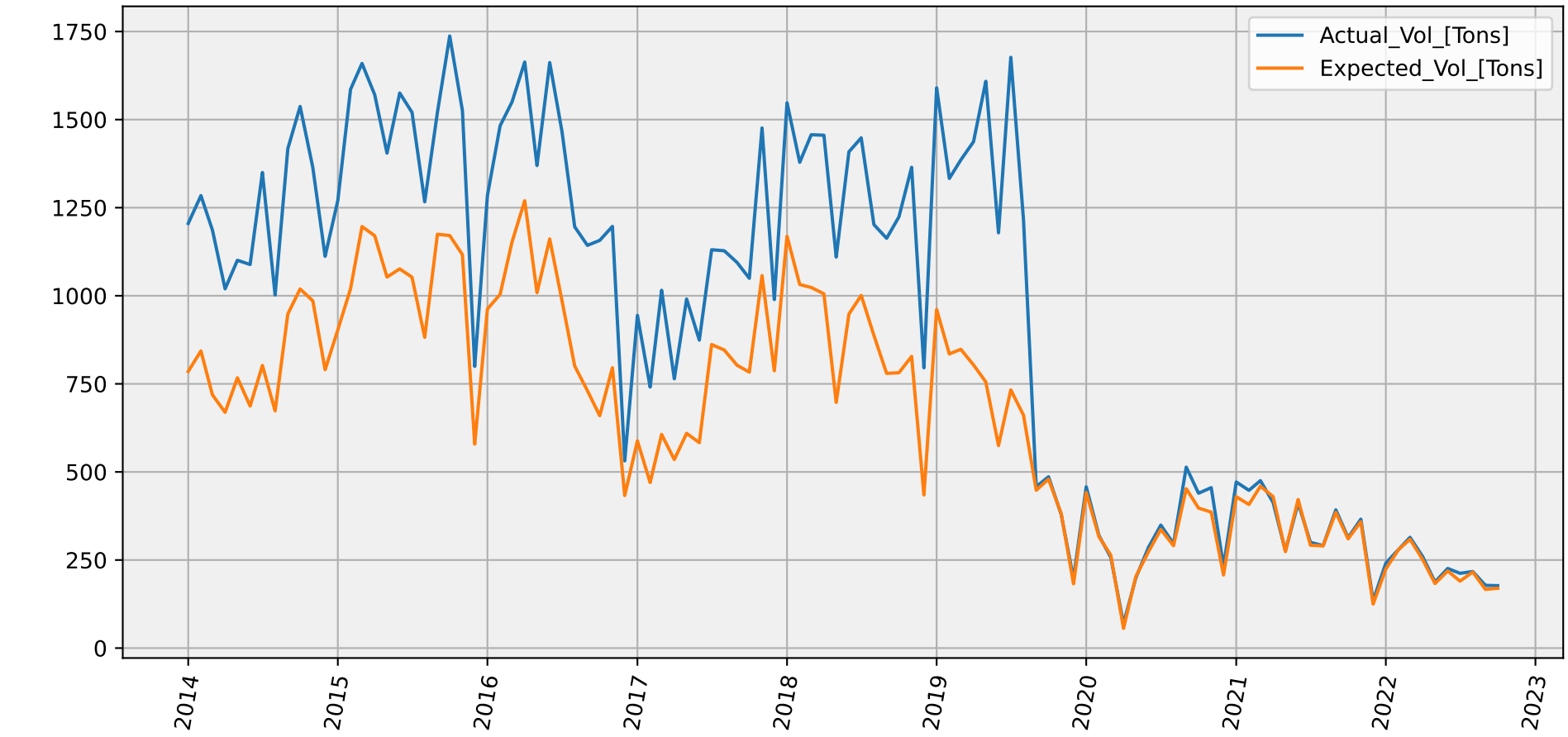

Volume/Production Ratio Provider_24-Plant_20
Vol/Prod_ratio_kg
6
5
4
3
2
1
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Incoming Volume Provider_24-Plant_22
Actual_Vol_[Tons]
Expected_Vol_[Tons]
0
20
40
60
80
2016
2017
2018
2019
2020
2021
2022
2023

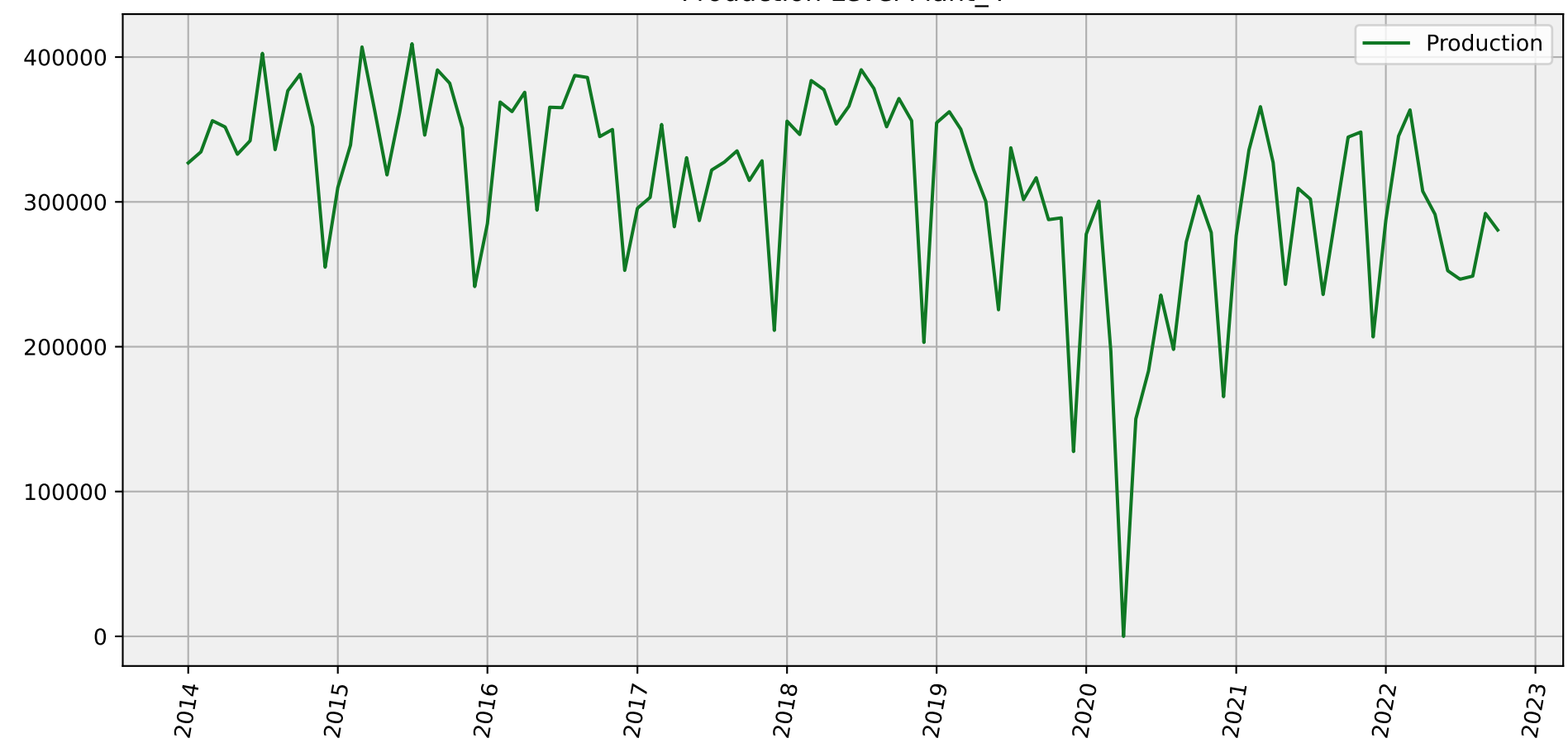

Production Level Plant_22
Production
0
20000
40000
60000
80000
100000
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_24-Plant_22
Vol/Prod_ratio_kg
0.0
0.2
0.4
0.6
0.8
1.0
2016
2017
2018
2019
2020
2021
2022
2023

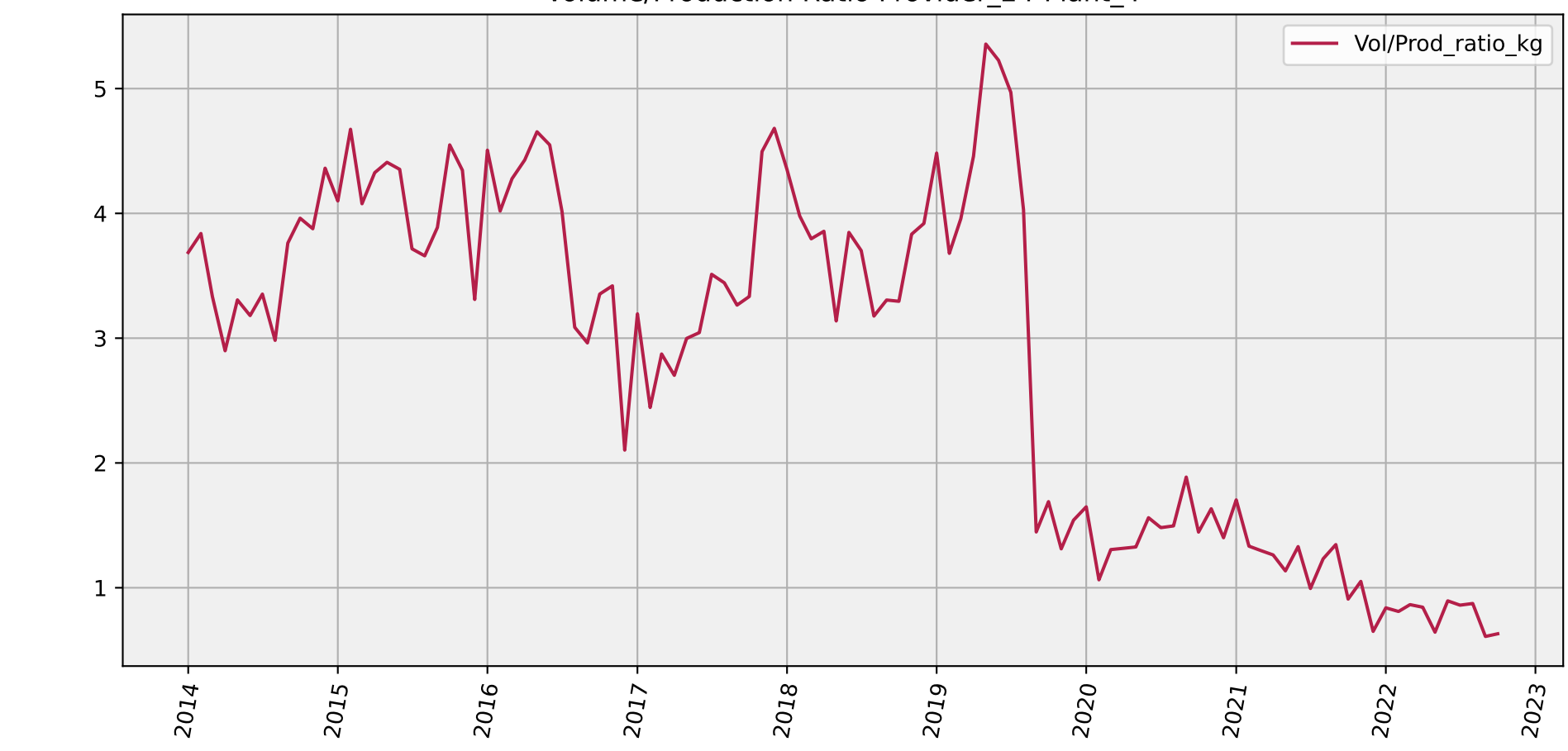
Incoming Volume Provider_24-Plant_4

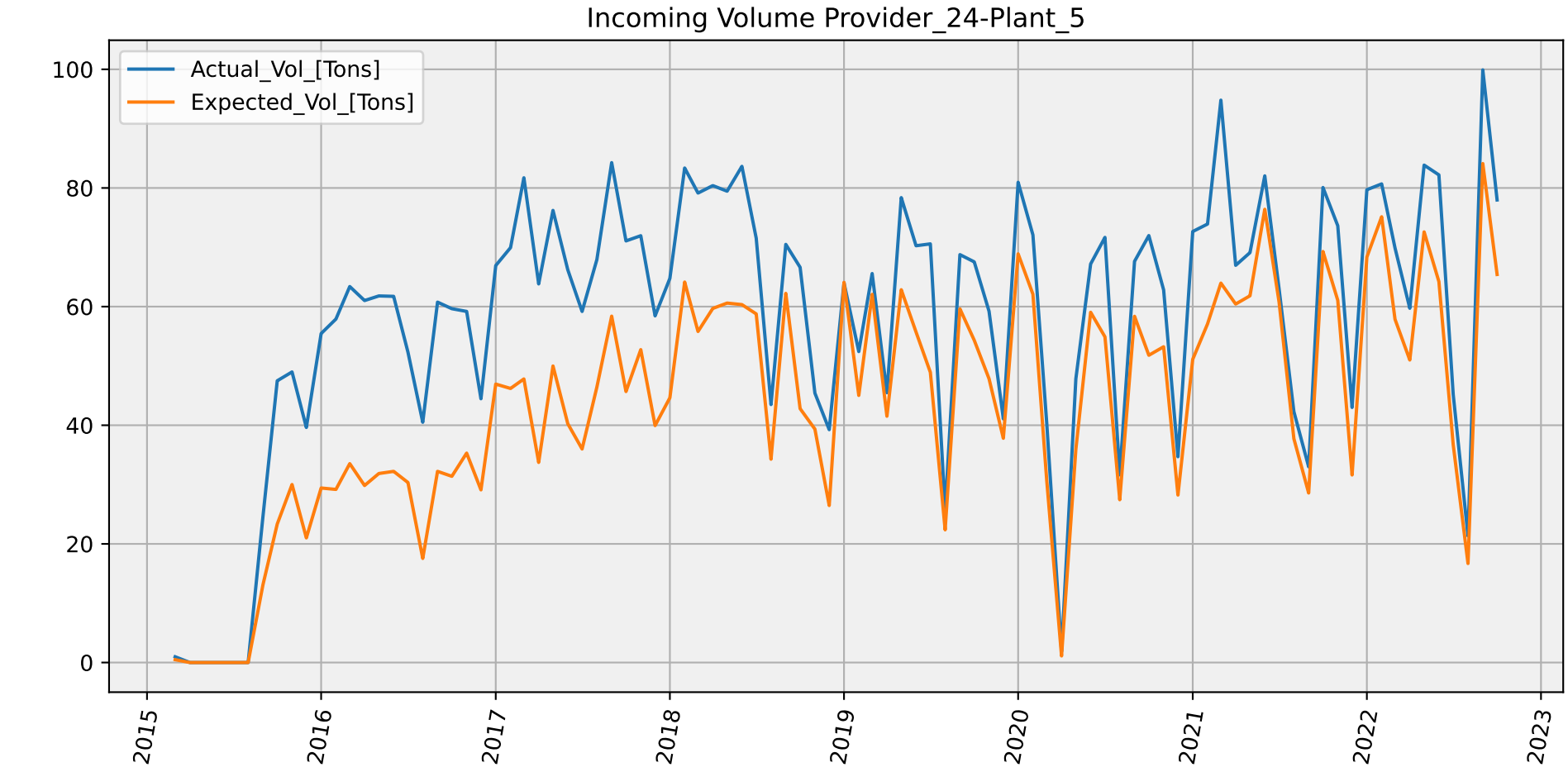


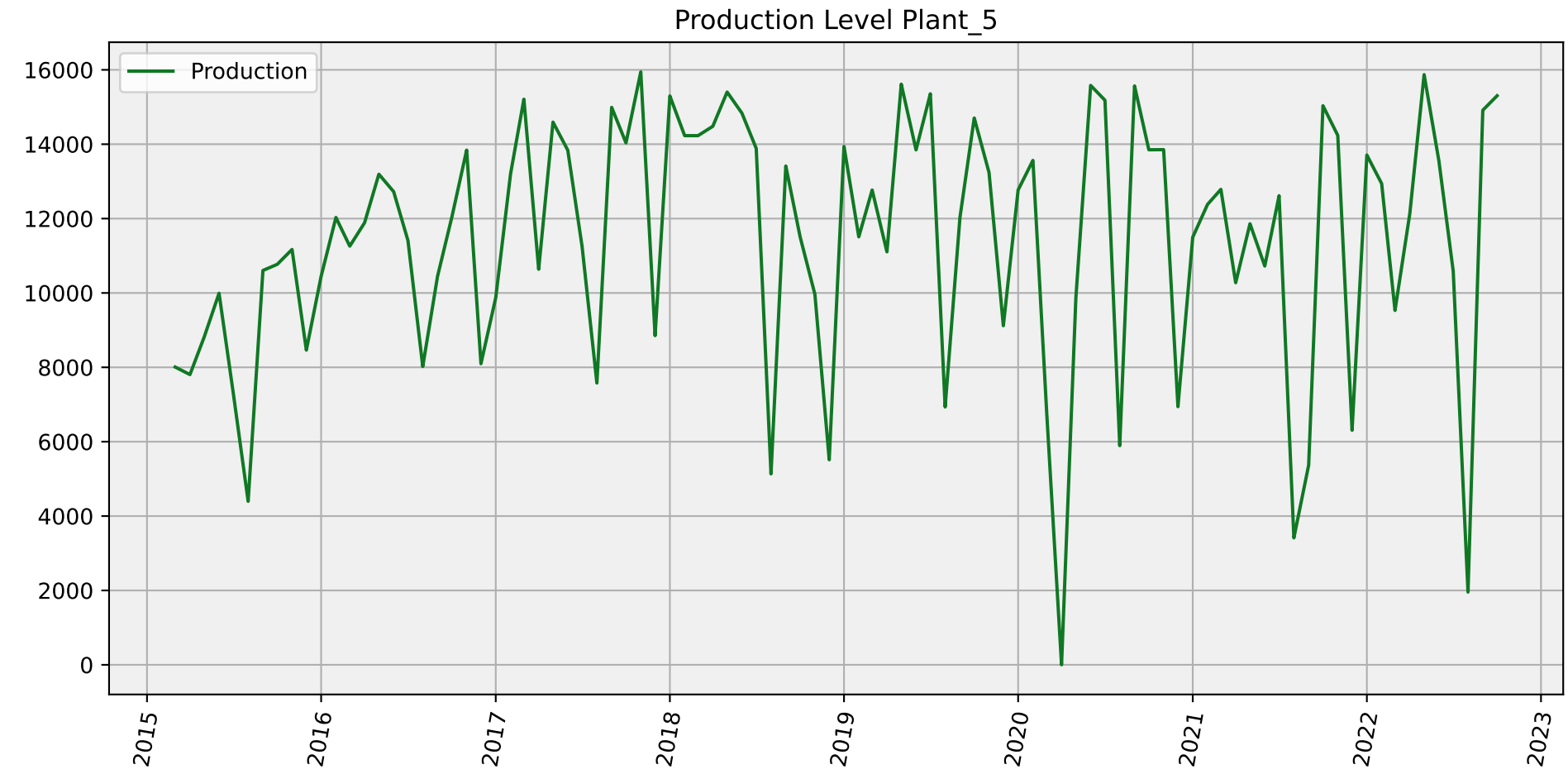
Production Level Plant_4

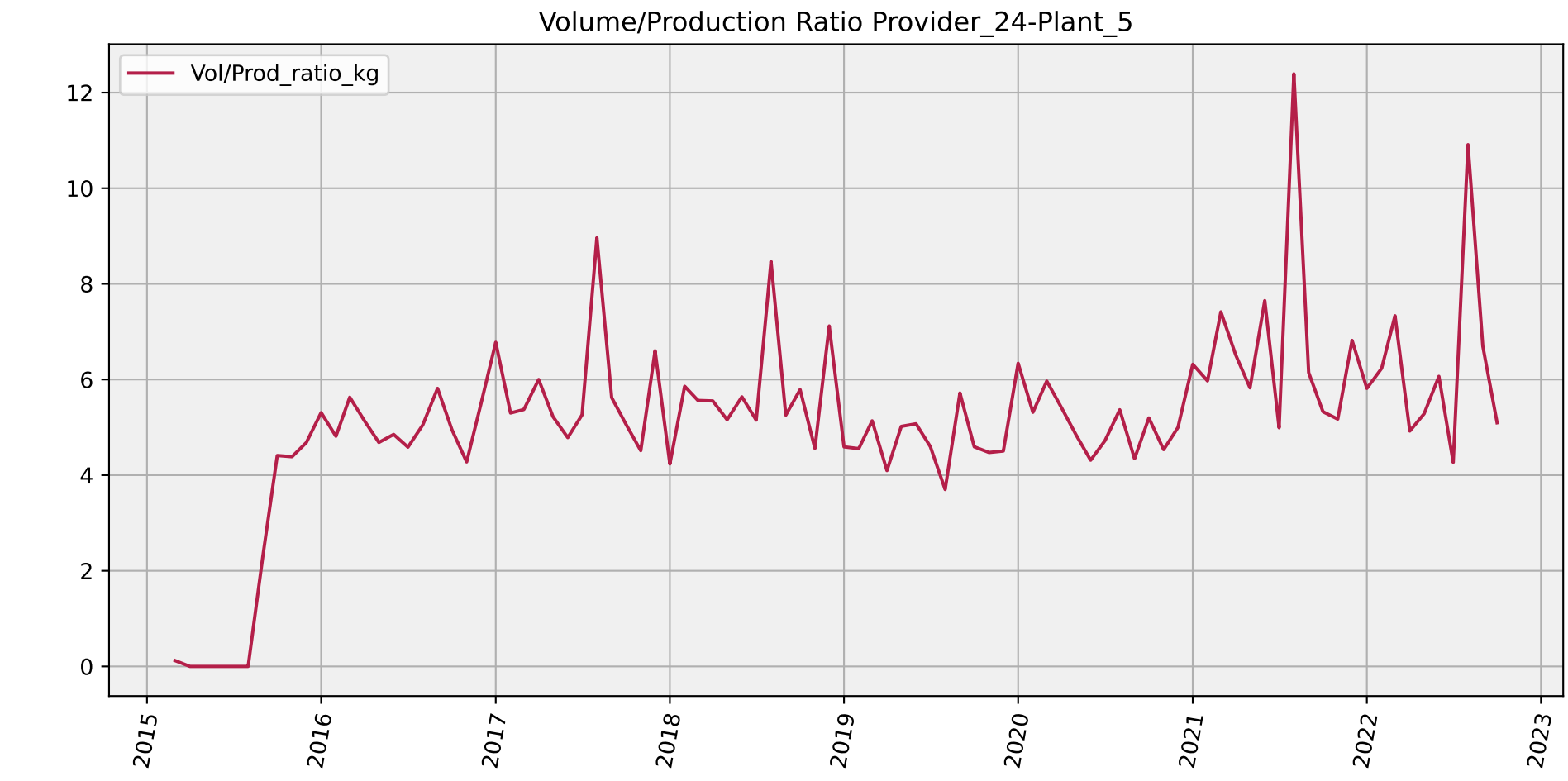


Volume/Production Ratio Provider_24-Plant_4

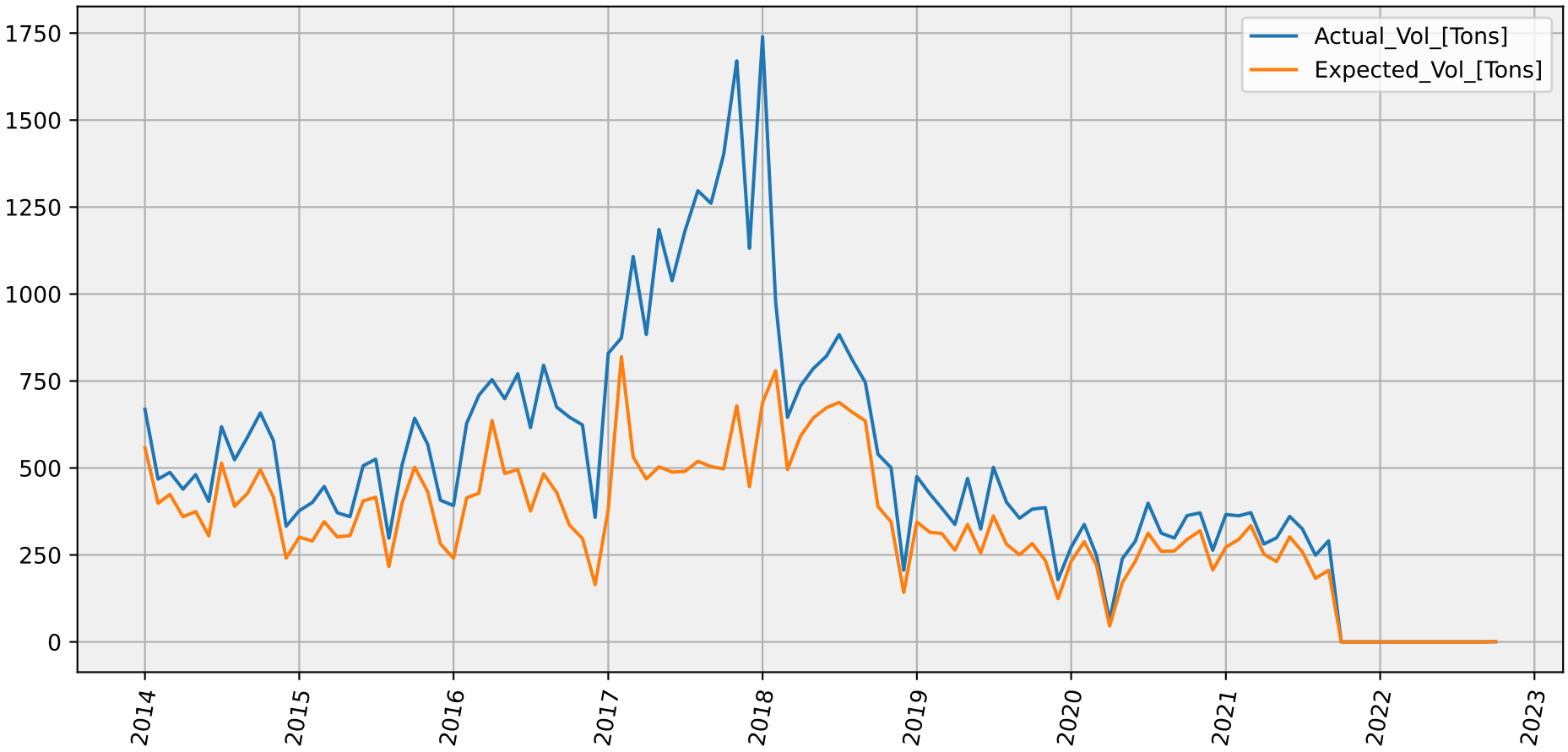



Incoming Volume Provider_24-Plant_5
Actual_Vol_[Tons]
Expected_Vol_[Tons]
100
80
60
40
20
0
2015
2016
2017
2018
2019
2020
2021
2022
2023

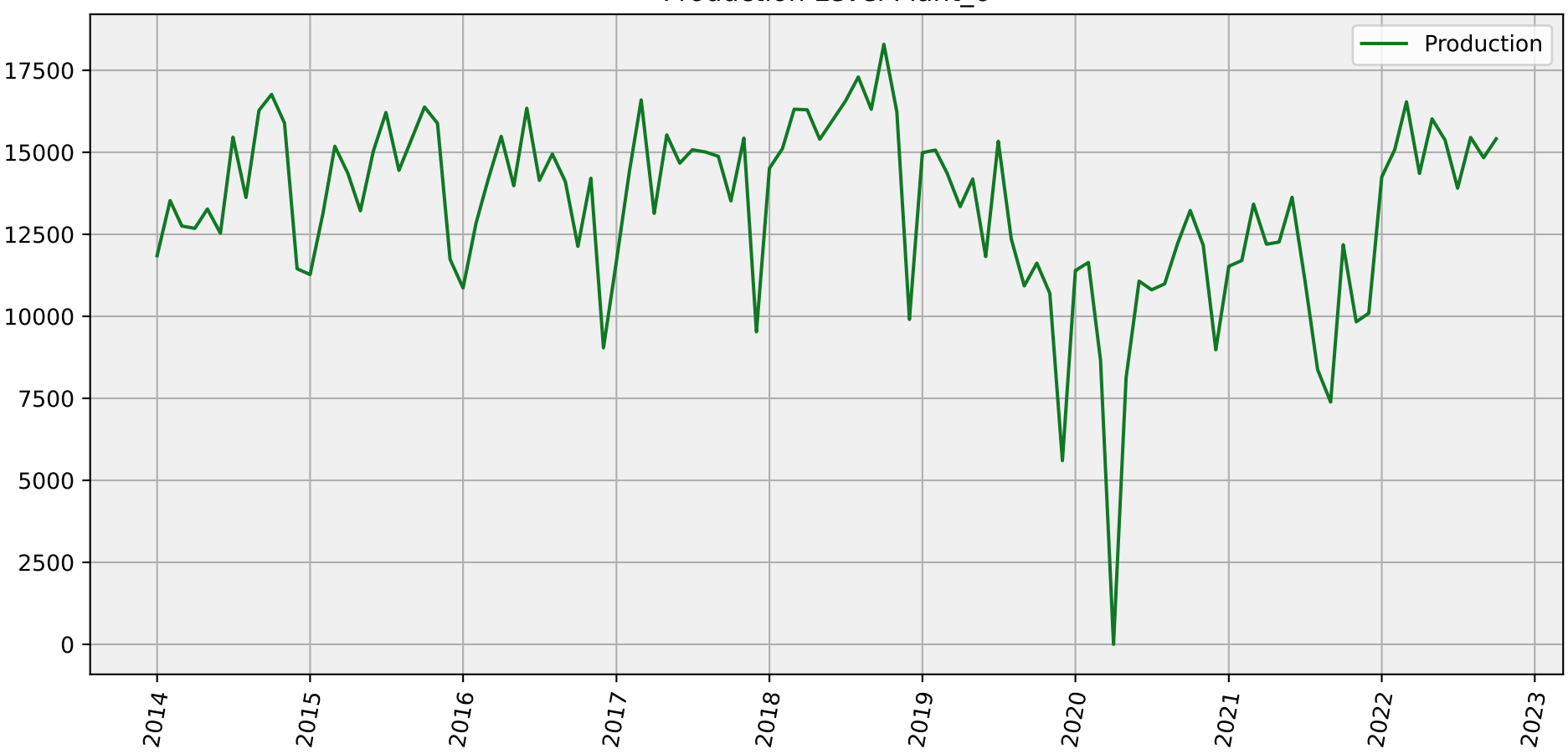

Production Level Plant_5
Production
16000
14000
12000
10000
8000
6000
4000
2000
0
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_24-Plant_5
Vol/Prod_ratio_kg
12
10
8
6
4
2
0
2015
2016
2017
2018
2019
2020
2021
2022
2023

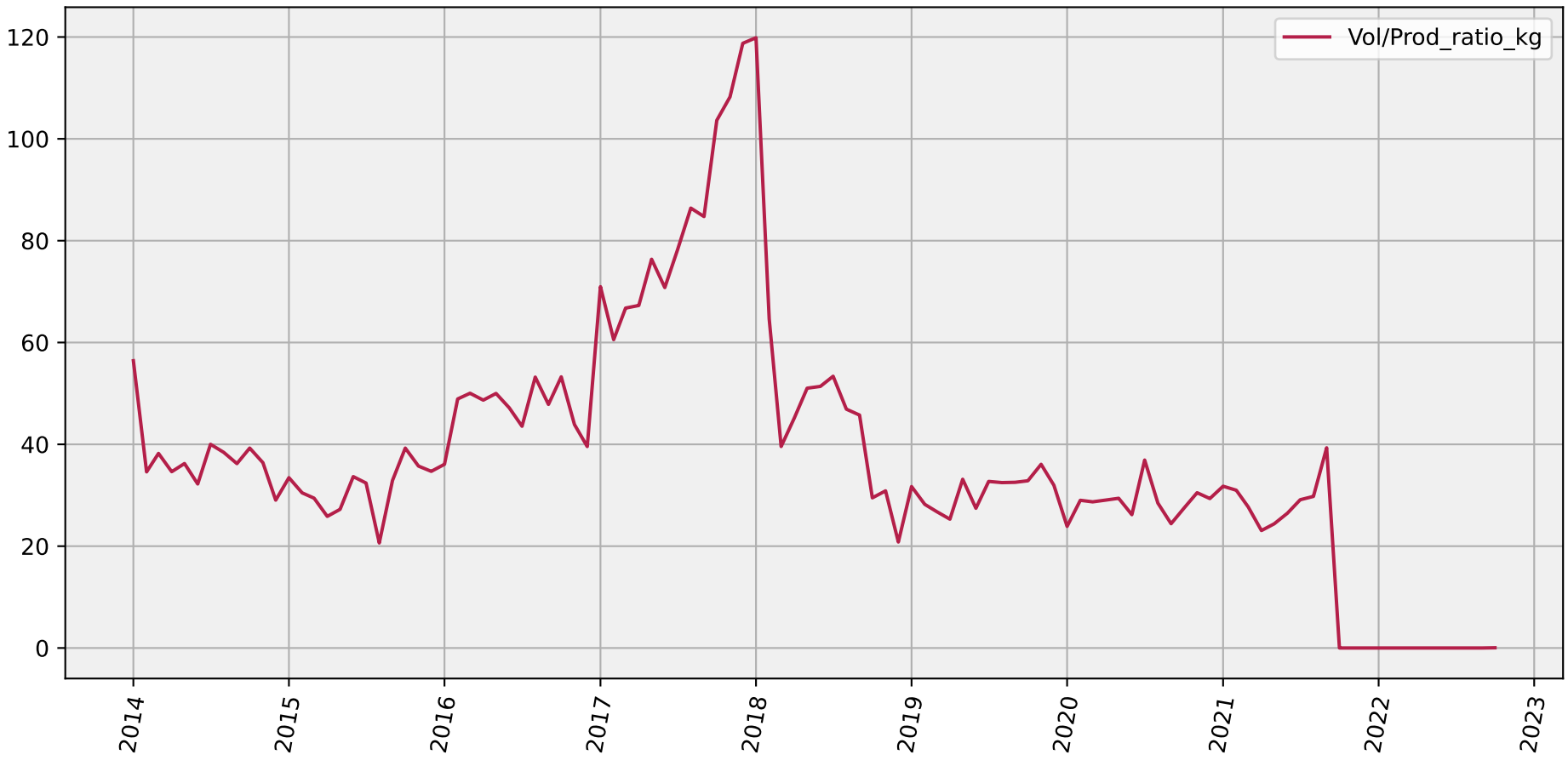
Incoming Volume Provider_24-Plant_6

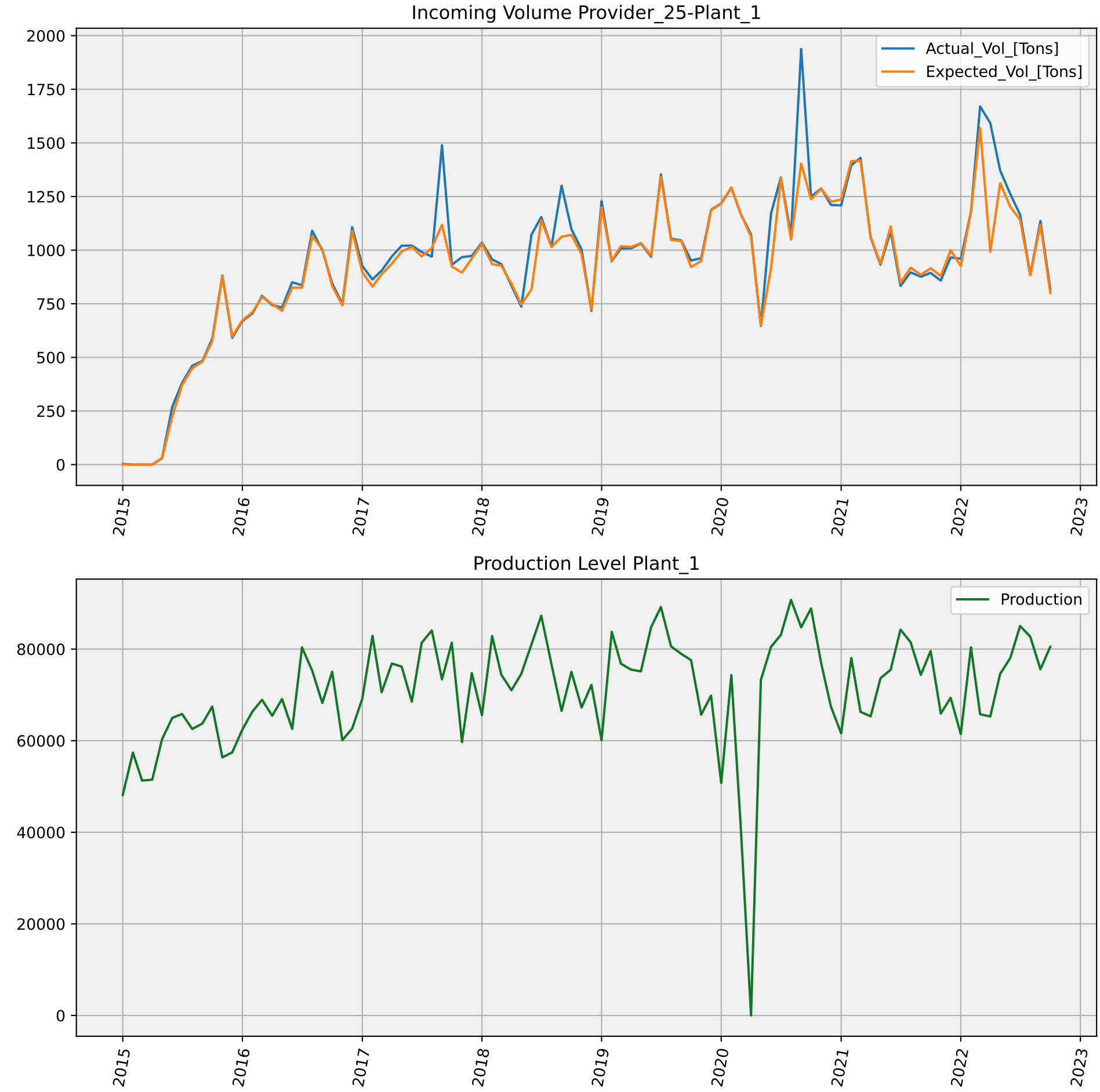


Production Level Plant_6

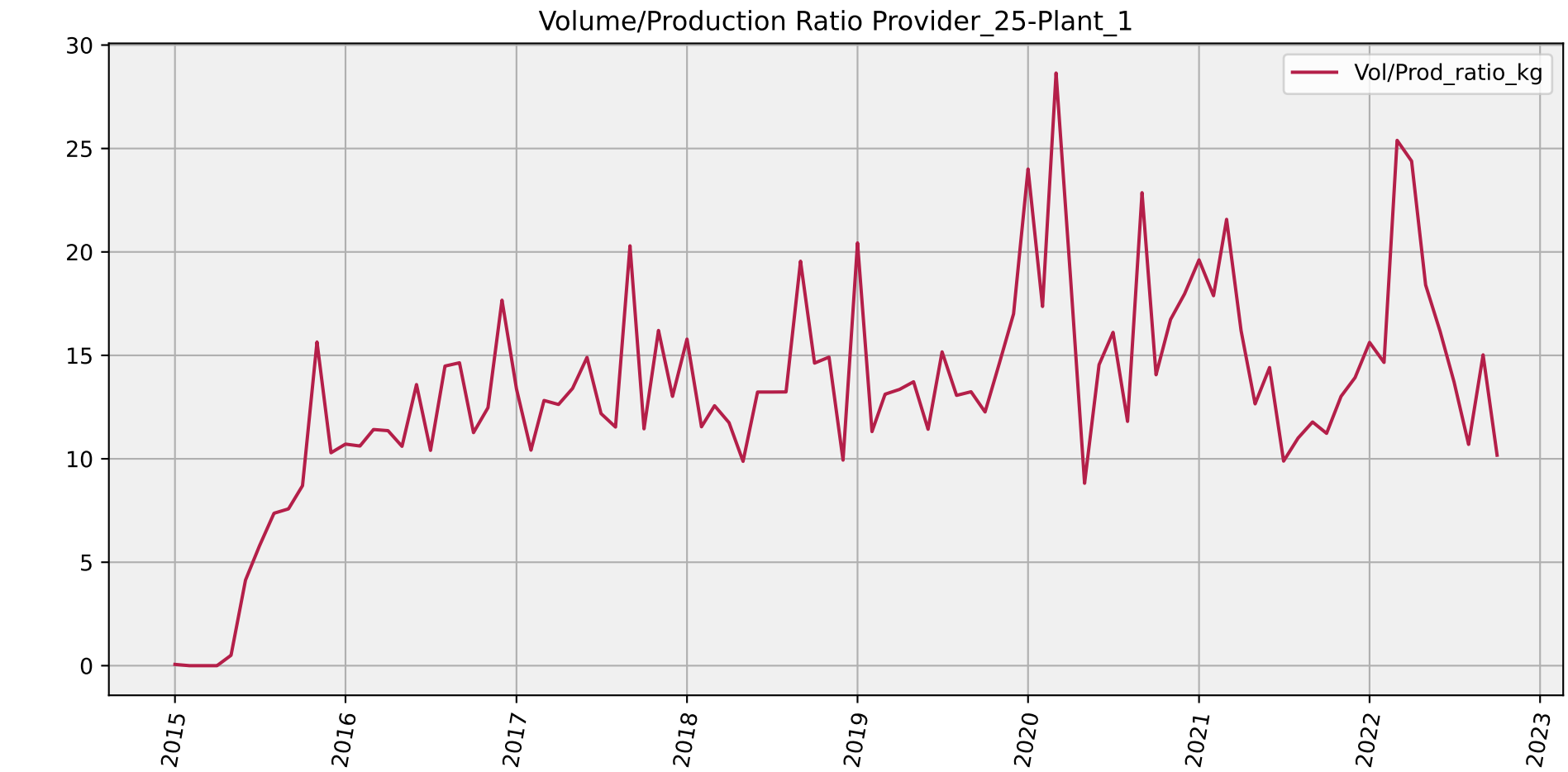


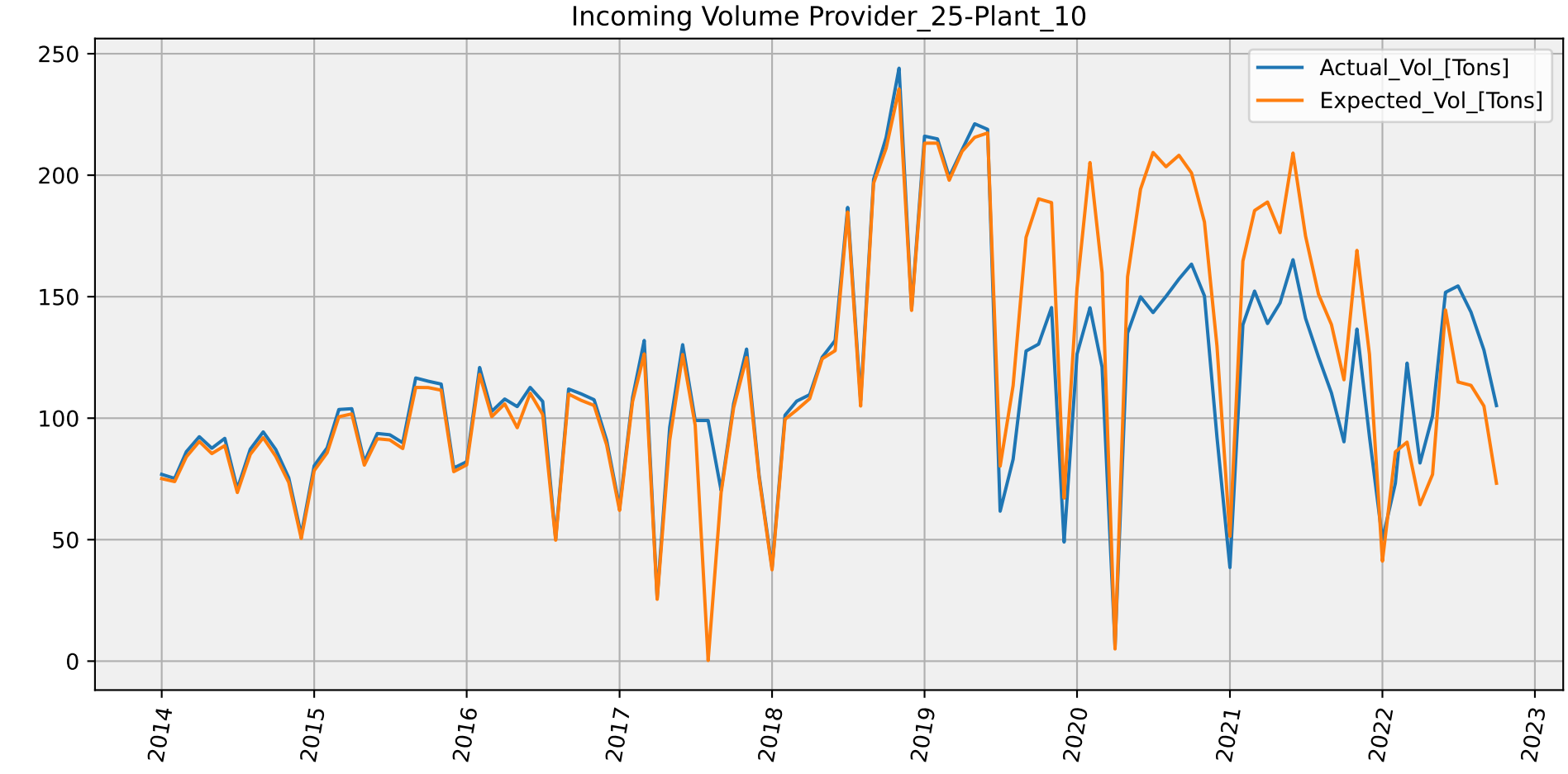
Volume/Production Ratio Provider_24-Plant_6

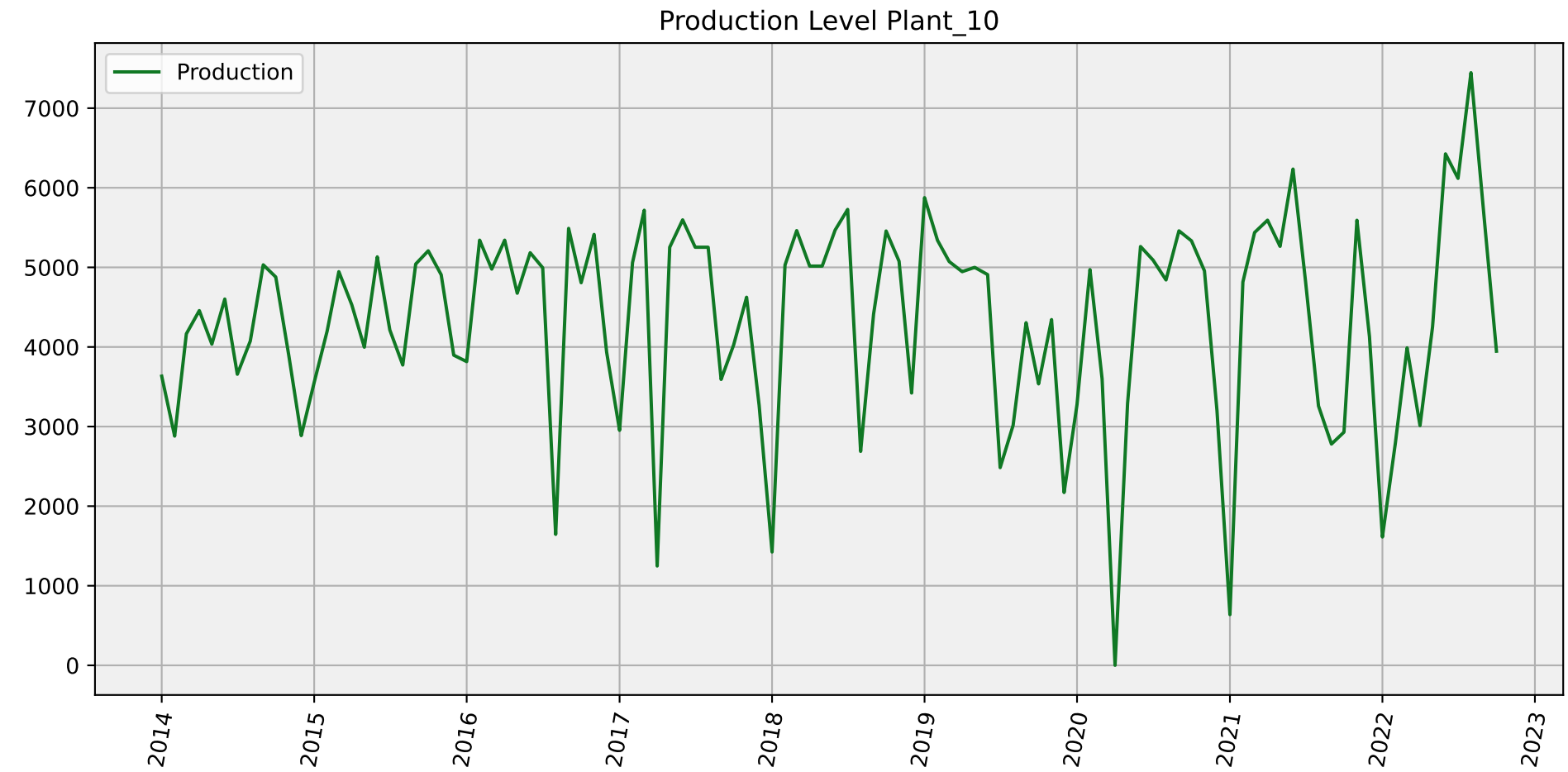


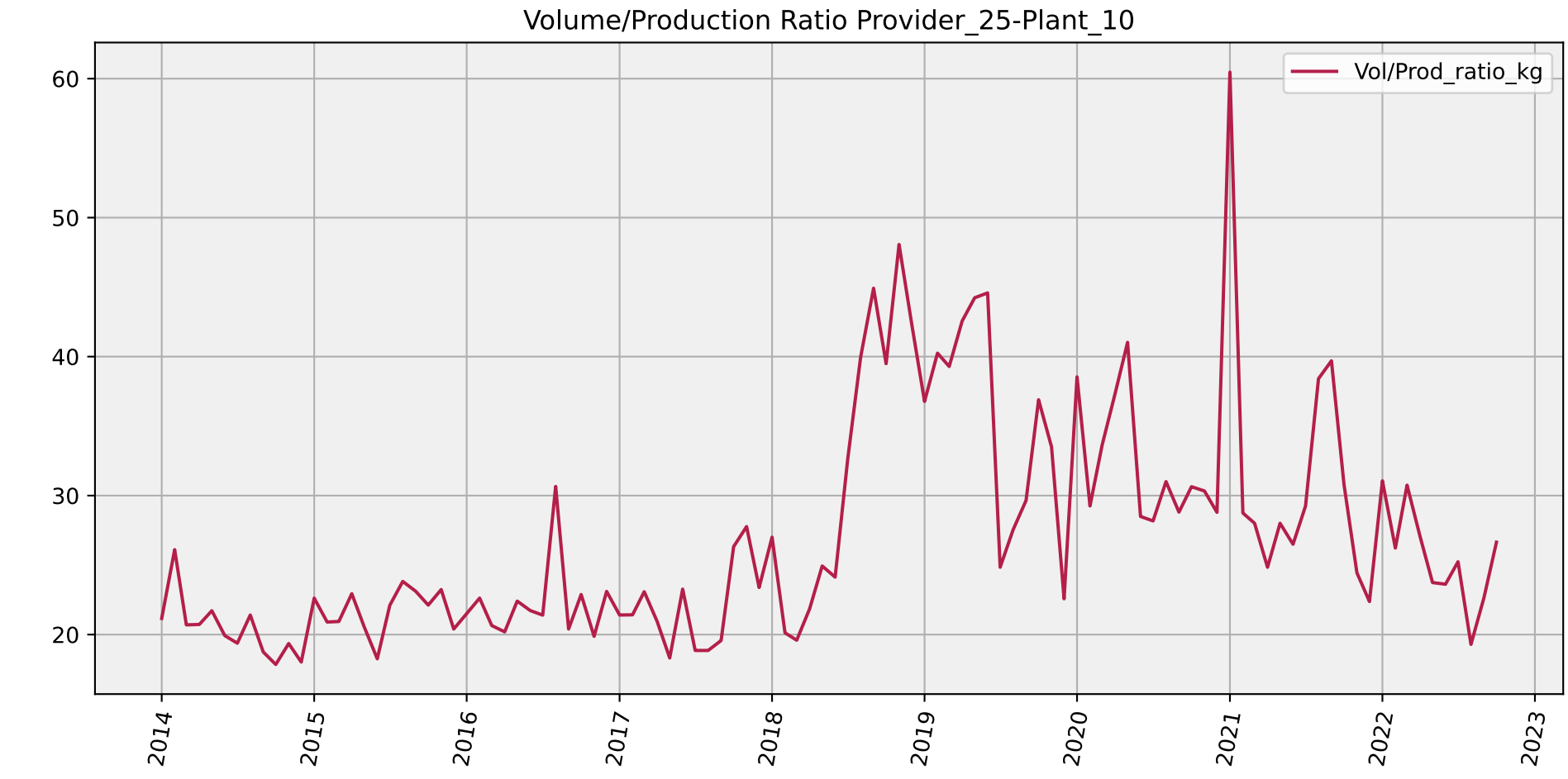

Incoming Volume Provider_25-Plant_1
Actual_Vol_[Tons]
Expected_Vol_[Tons]
2000
1750
1500
1250
1000
750
500
250
0
2015
2016
2017
2018
2019
2020
2021
2022
2023

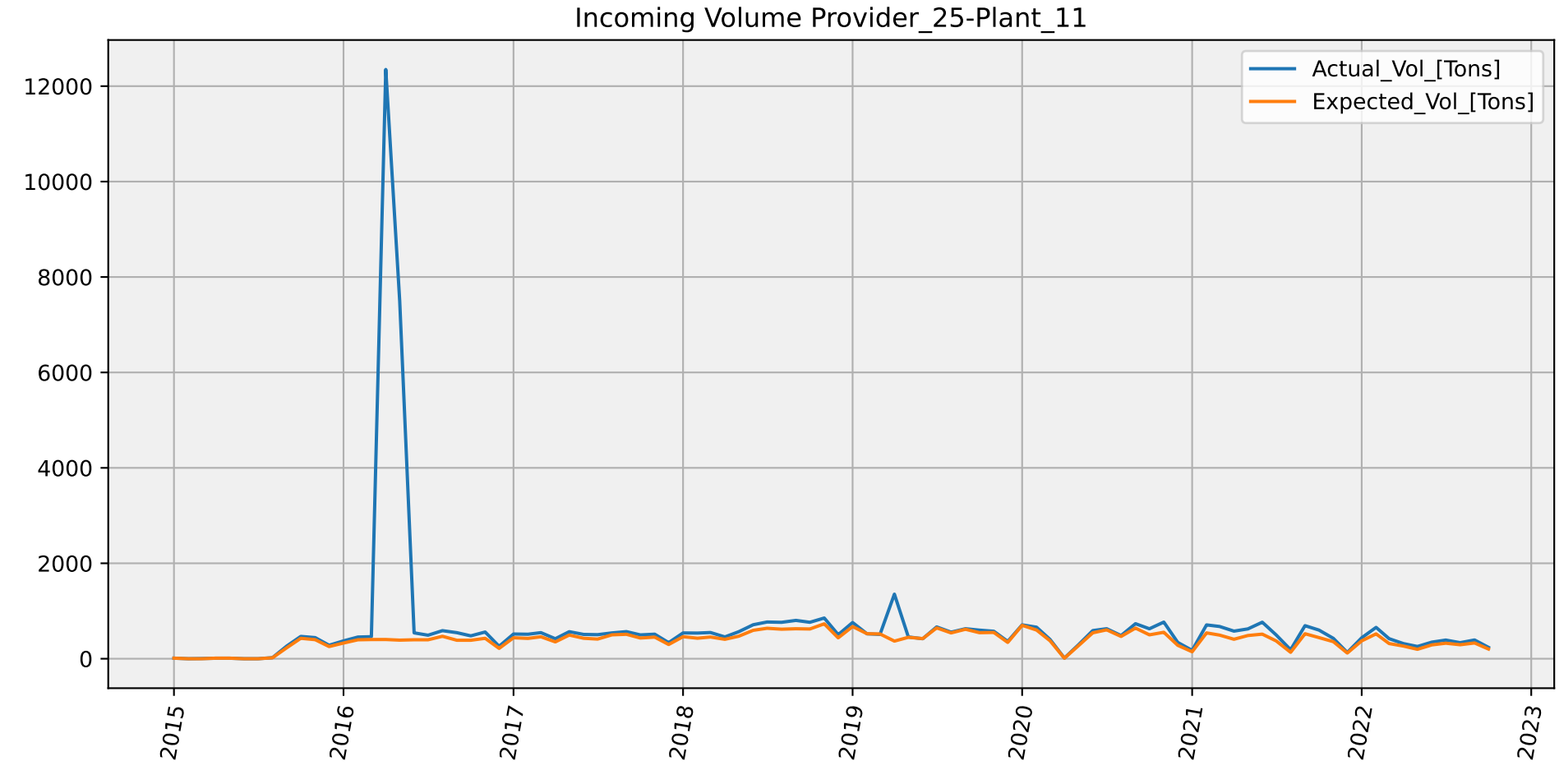
Production Level Plant_1
Production
80000
60000
40000
20000
0
2015
2016
2017
2018
2019
2020
2021
2022
2023

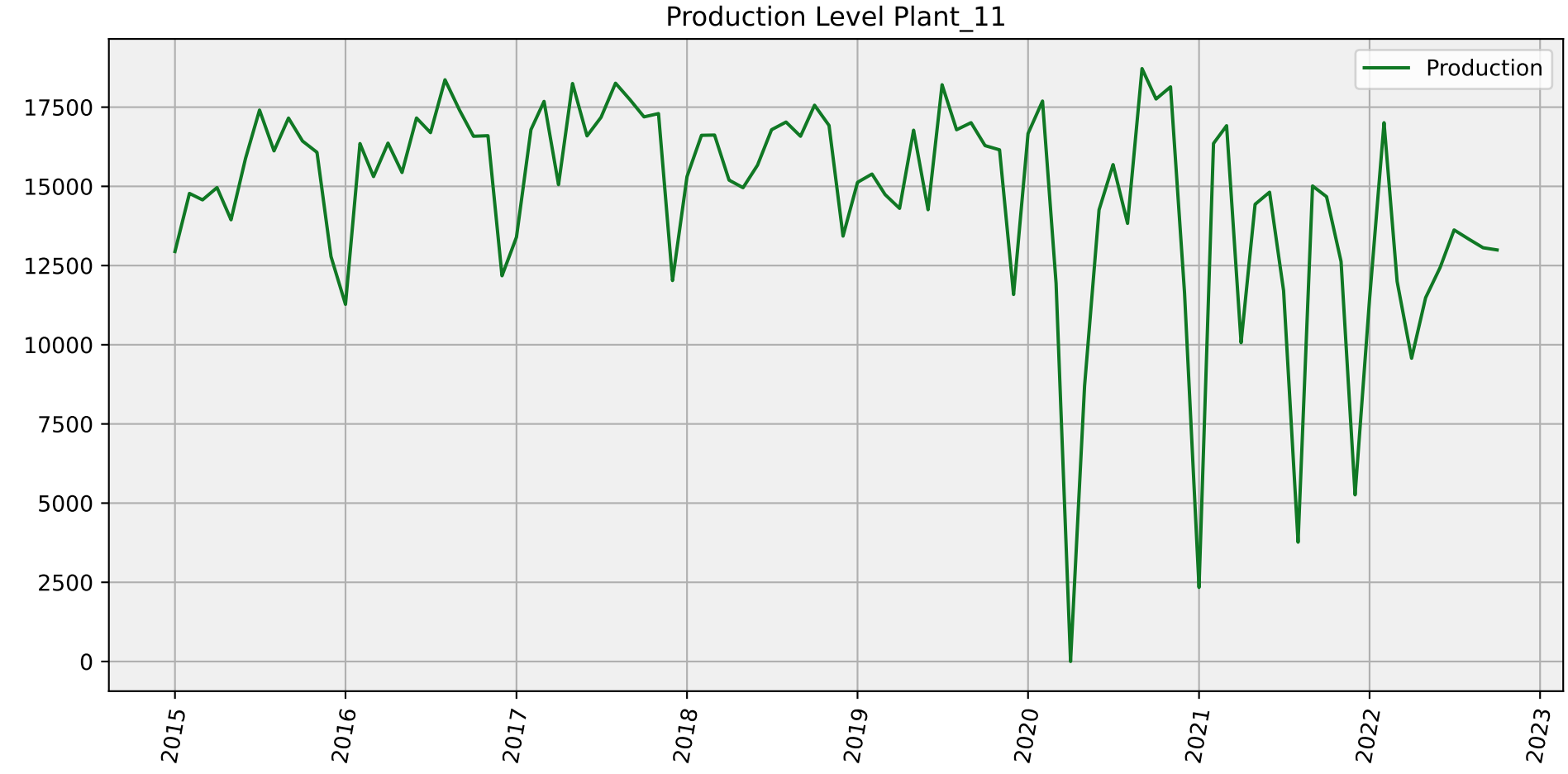

Volume/Production Ratio Provider_25-Plant_1
Vol/Prod_ratio_kg
30
25
20
15
10
5
0
2015
2016
2017
2018
2019
2020
2021
2022
2023

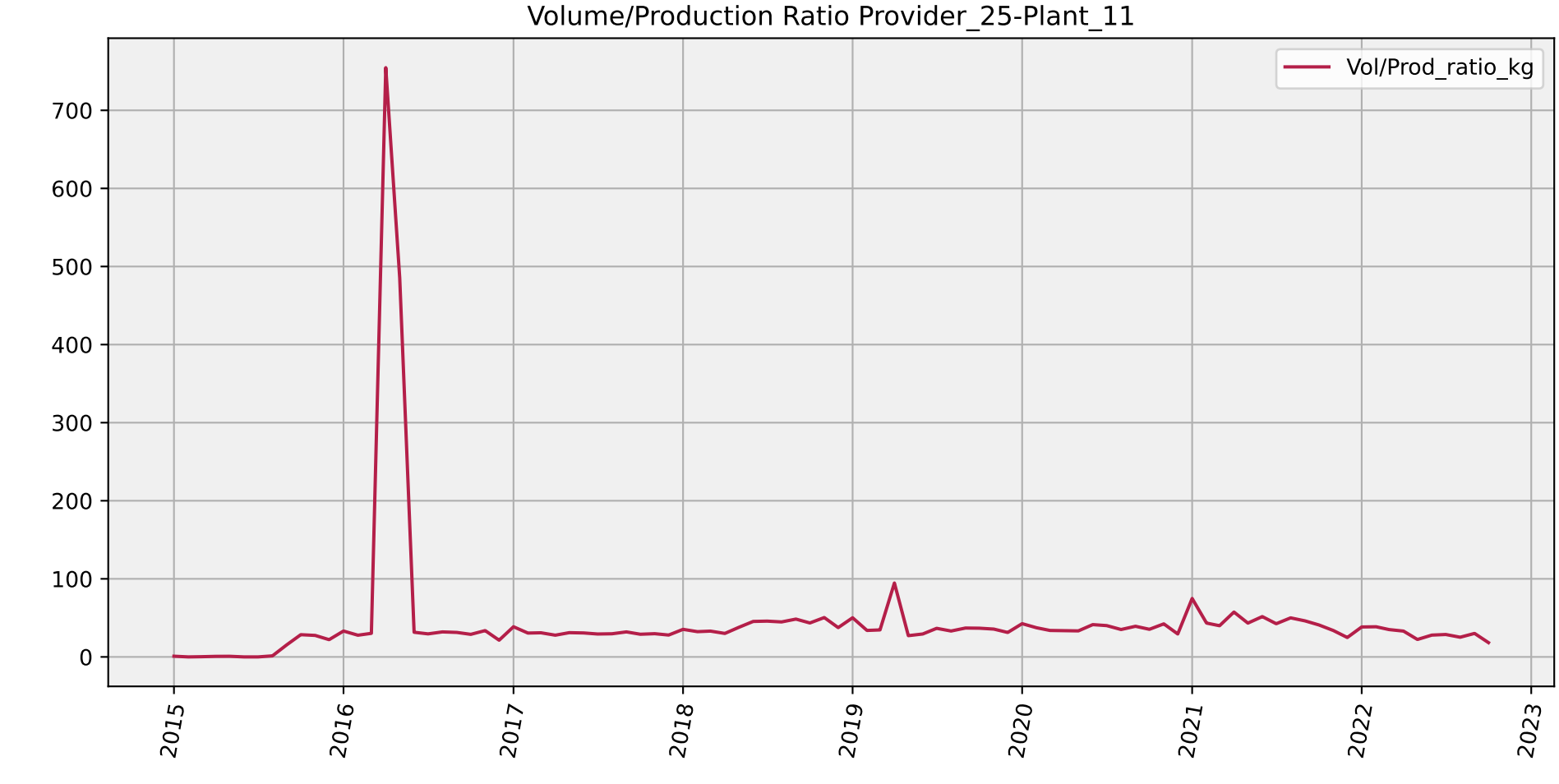

Incoming Volume Provider_25-Plant_10
Actual_Vol_[Tons]
Expected_Vol_[Tons]
250
200
150
100
50
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Production Level Plant_10
Production
7000
6000
5000
4000
3000
2000
1000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

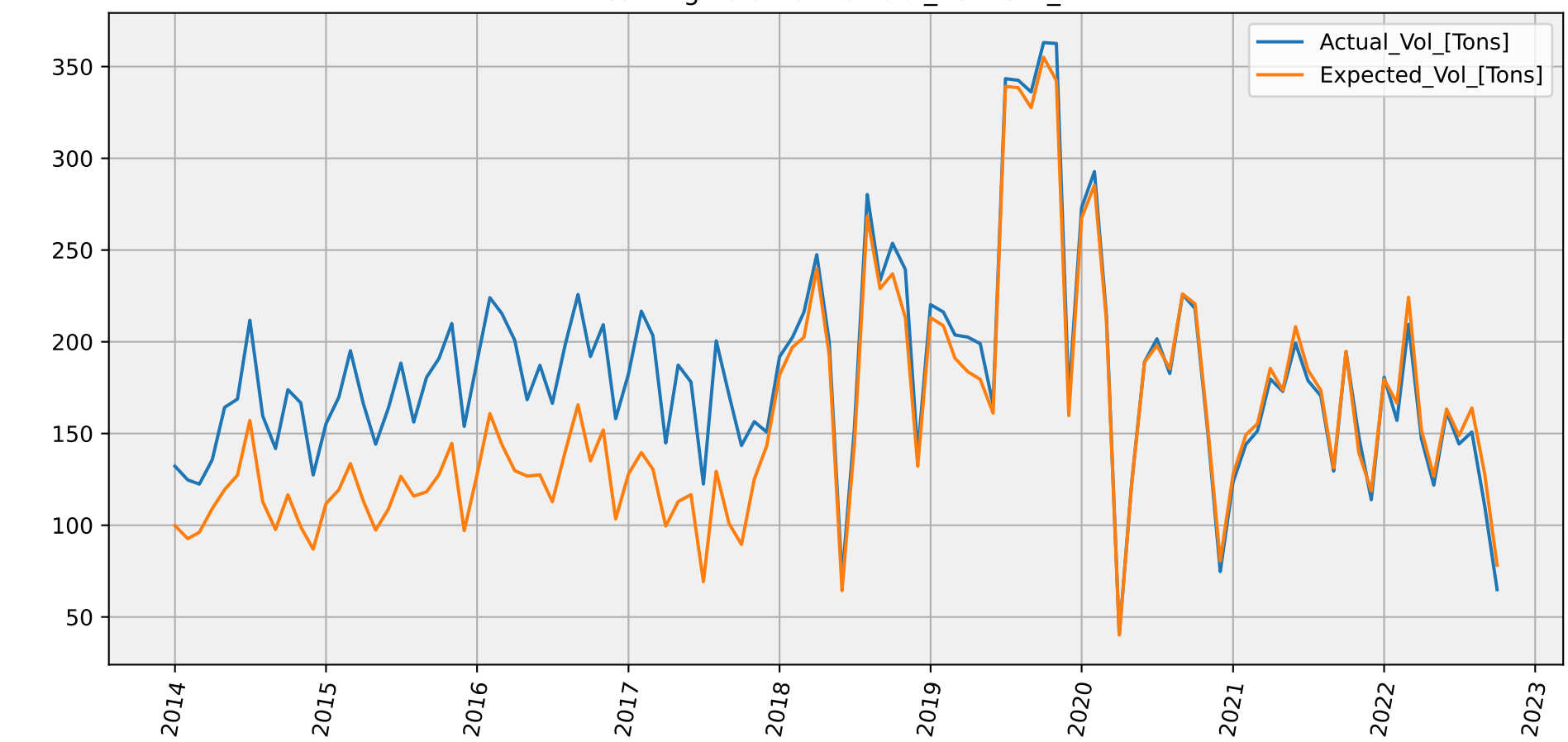

Volume/Production Ratio Provider_25-Plant_10
Vol/Prod_ratio_kg
60
50
40
30
20
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Incoming Volume Provider_25-Plant_11
Actual_Vol_[Tons]
Expected_Vol_[Tons]
12000
10000
8000
6000
4000
2000
0
2015
2016
2017
2018
2019
2020
2021
2022
2023

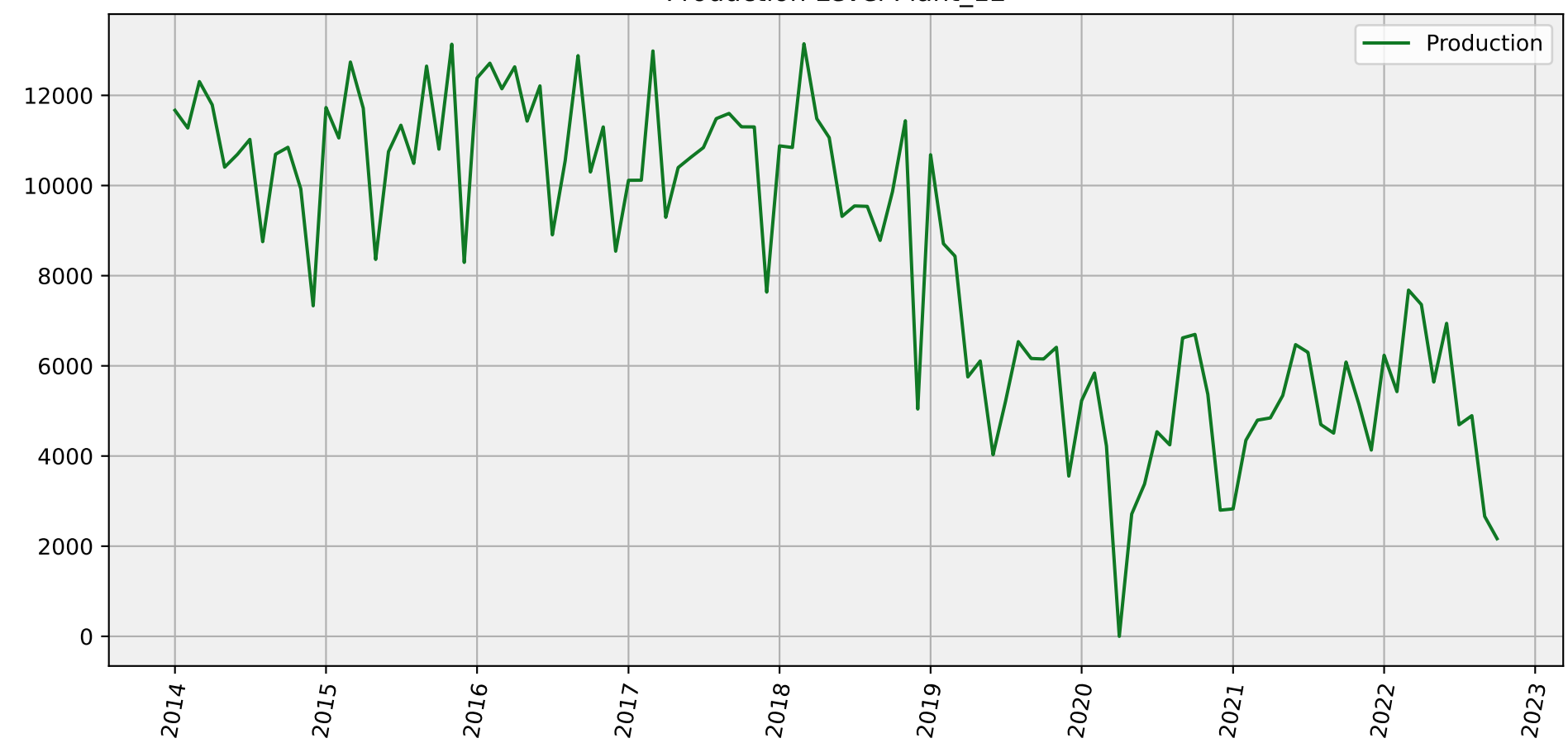

Production Level Plant_11
Production
17500
15000
12500
10000
7500
5000
2500
0
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_25-Plant_11
Vol/Prod_ratio_kg
700
600
500
400
300
200
100
0
2015
2016
2017
2018
2019
2020
2021
2022
2023

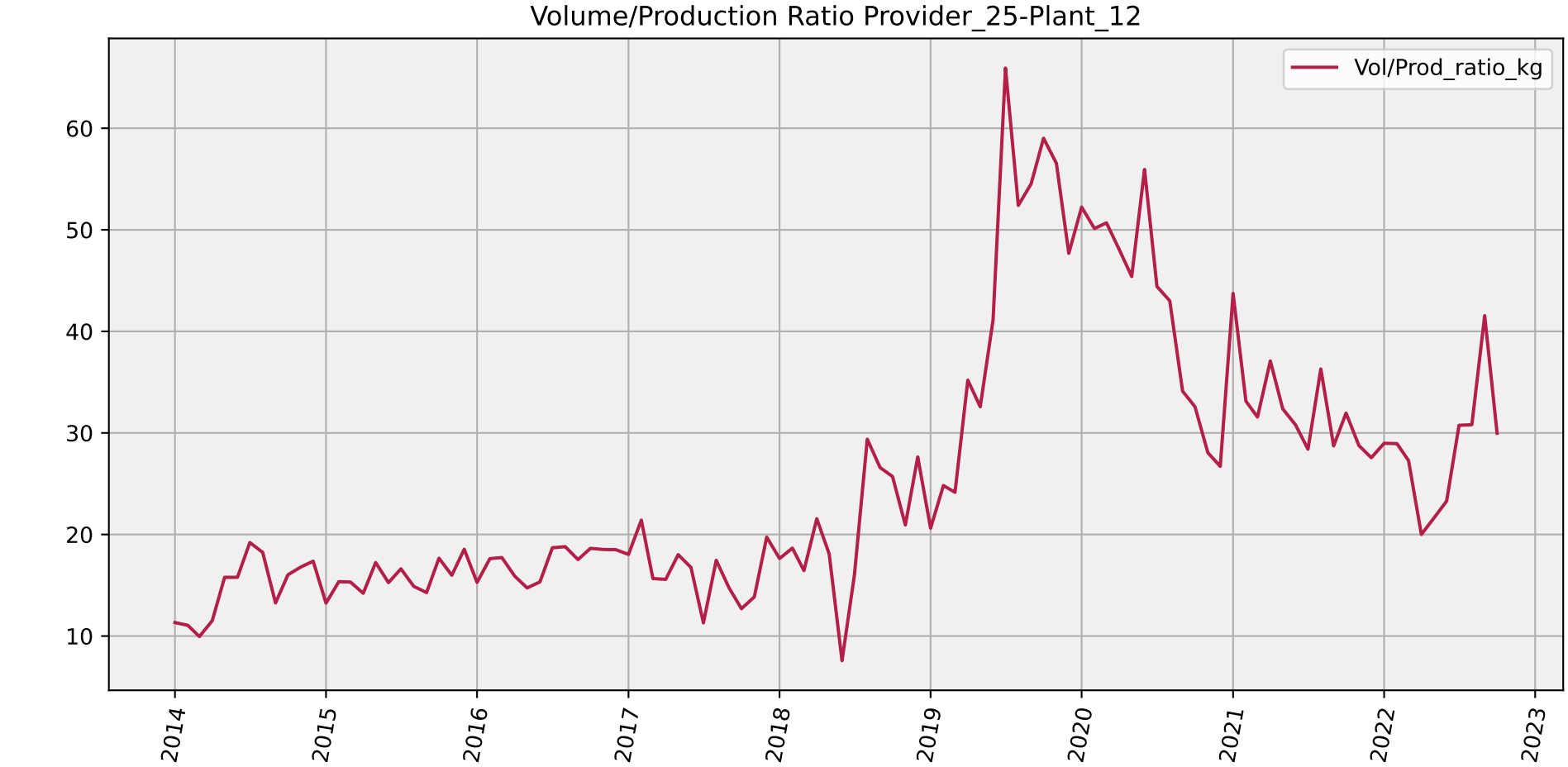
Incoming Volume Provider_25-Plant_12

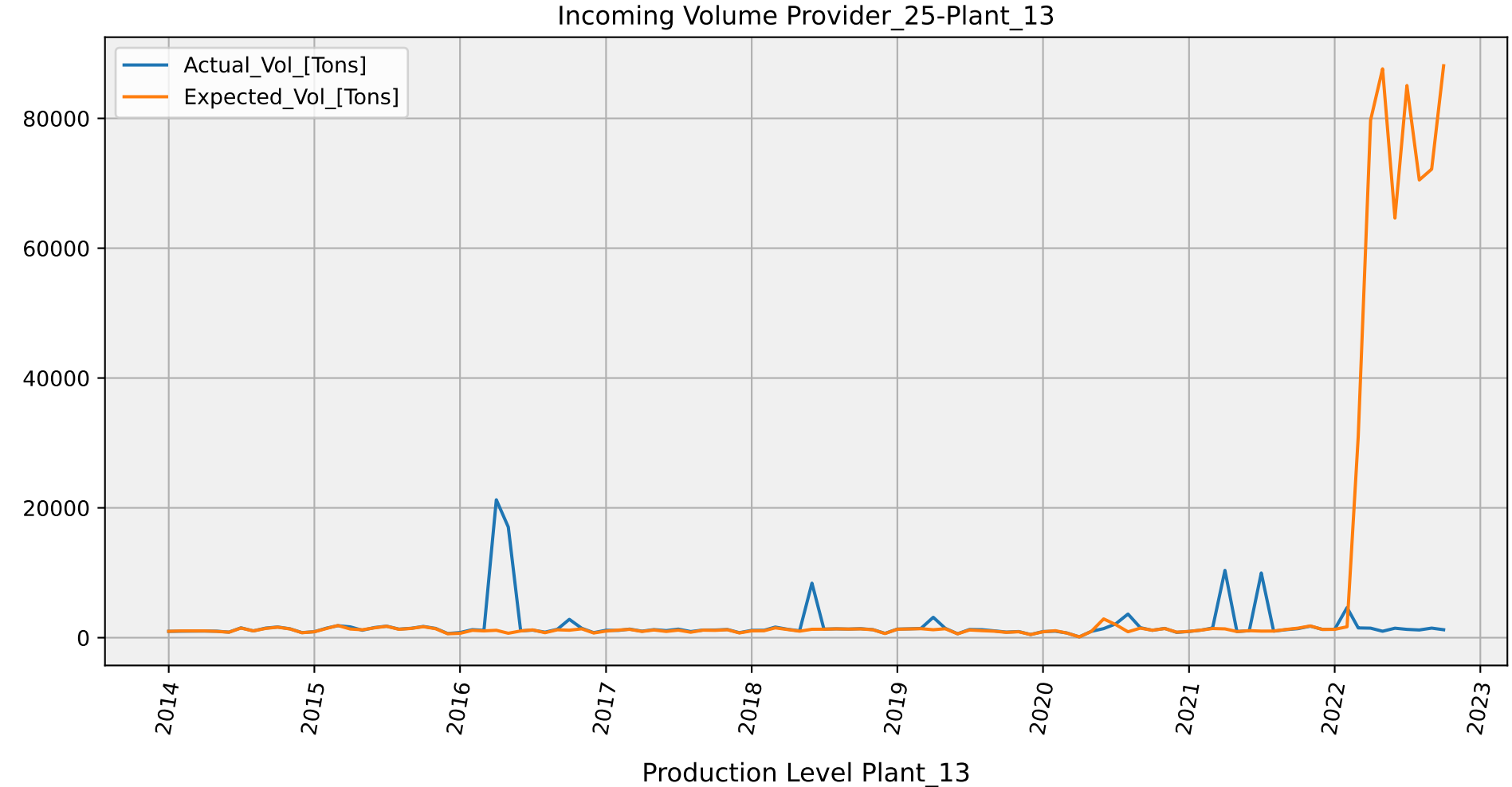


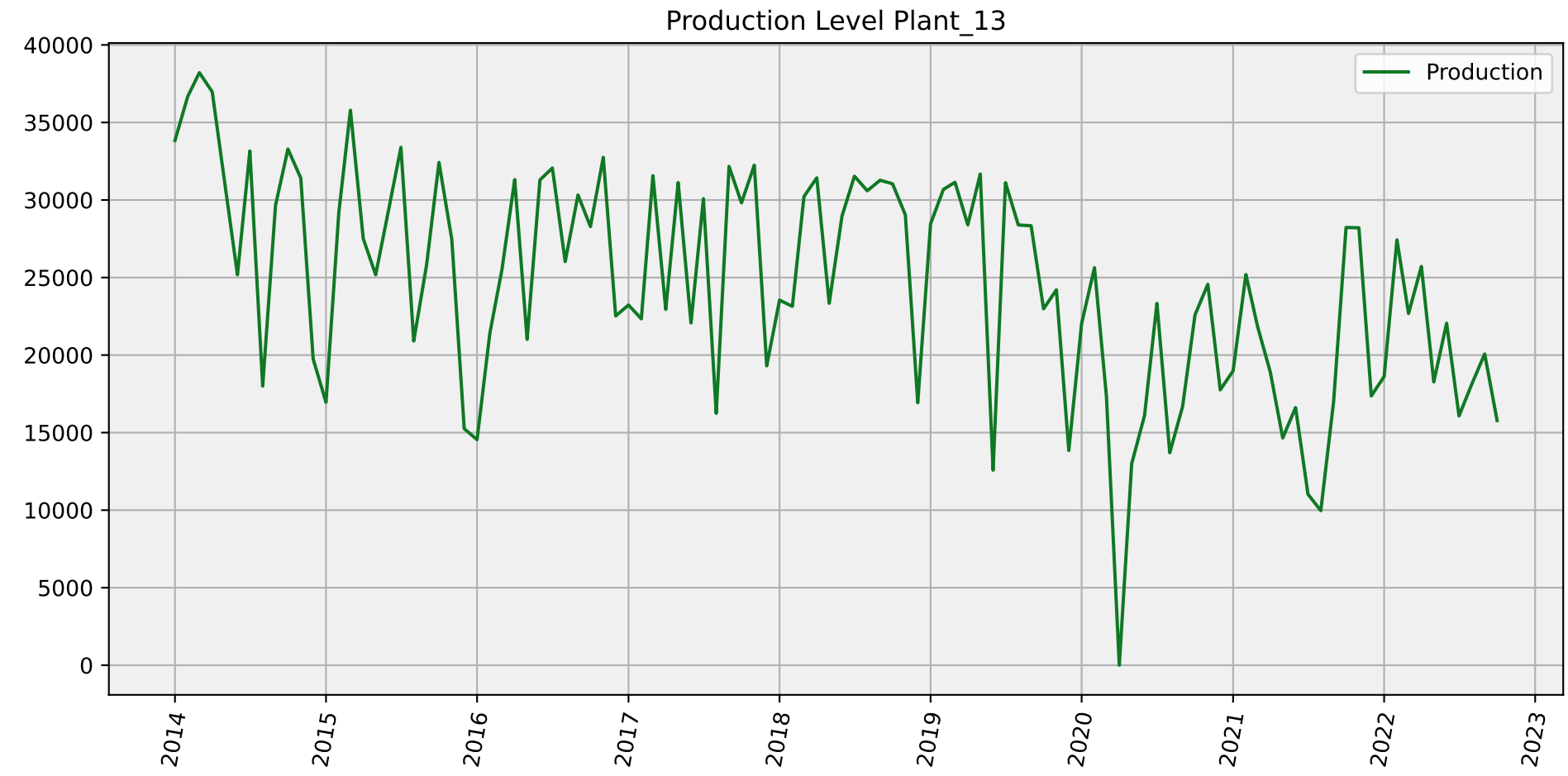
Production Level Plant_12

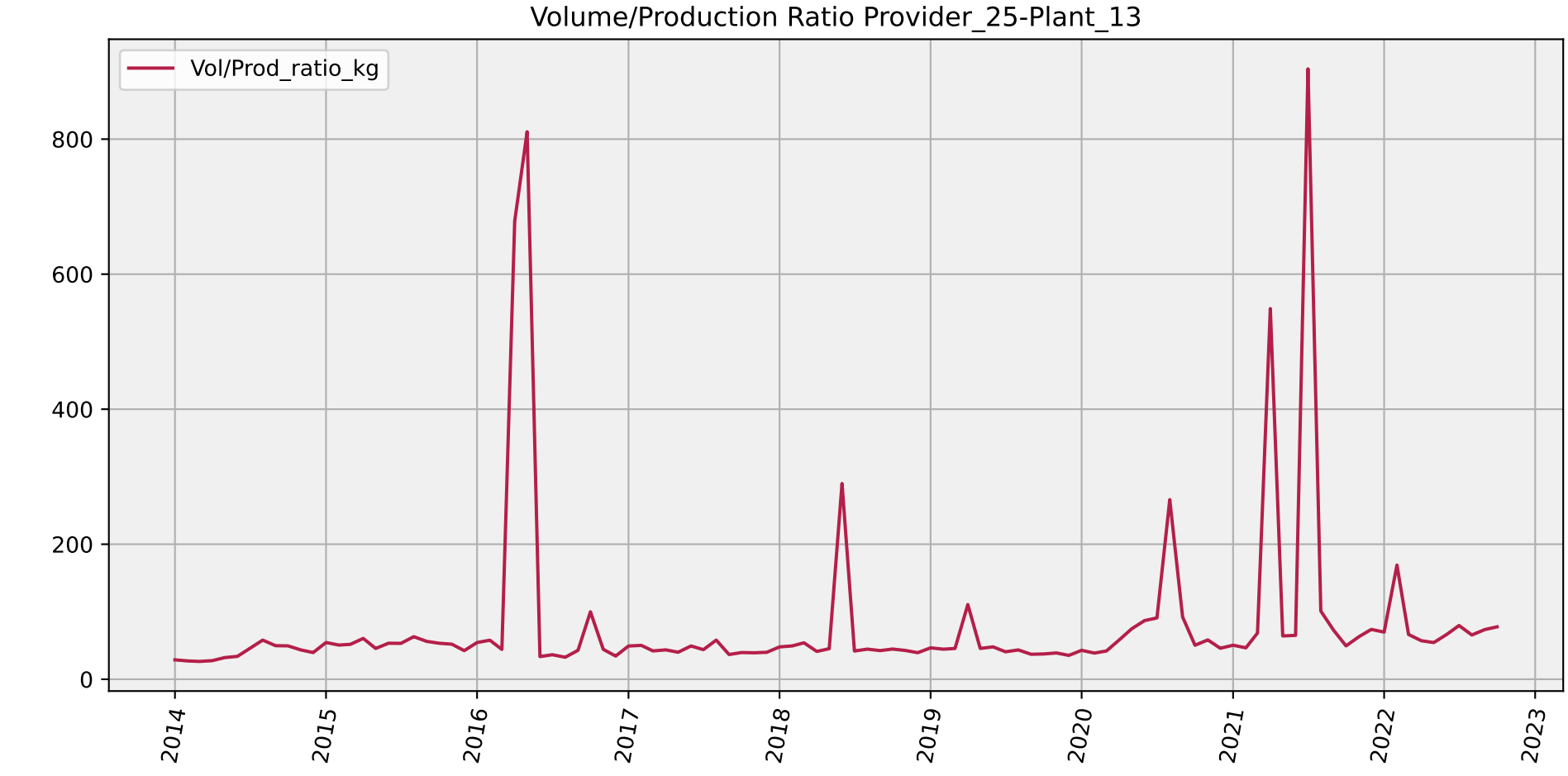


Volume/Production Ratio Provider_25-Plant_12

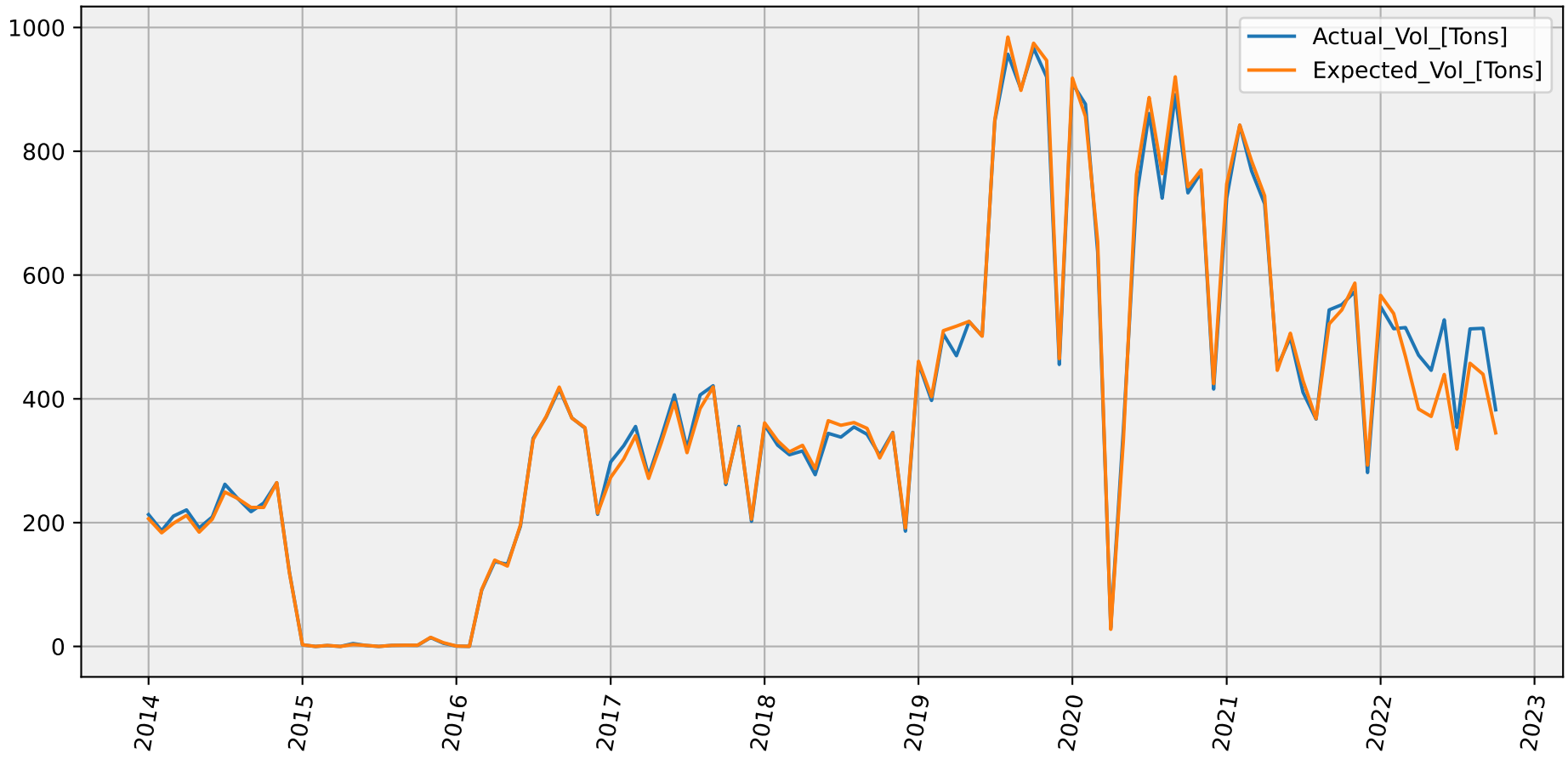



Incoming Volume Provider_25-Plant_13
Actual_Vol_[Tons]
Expected_Vol_[Tons]
80000
60000
40000
20000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

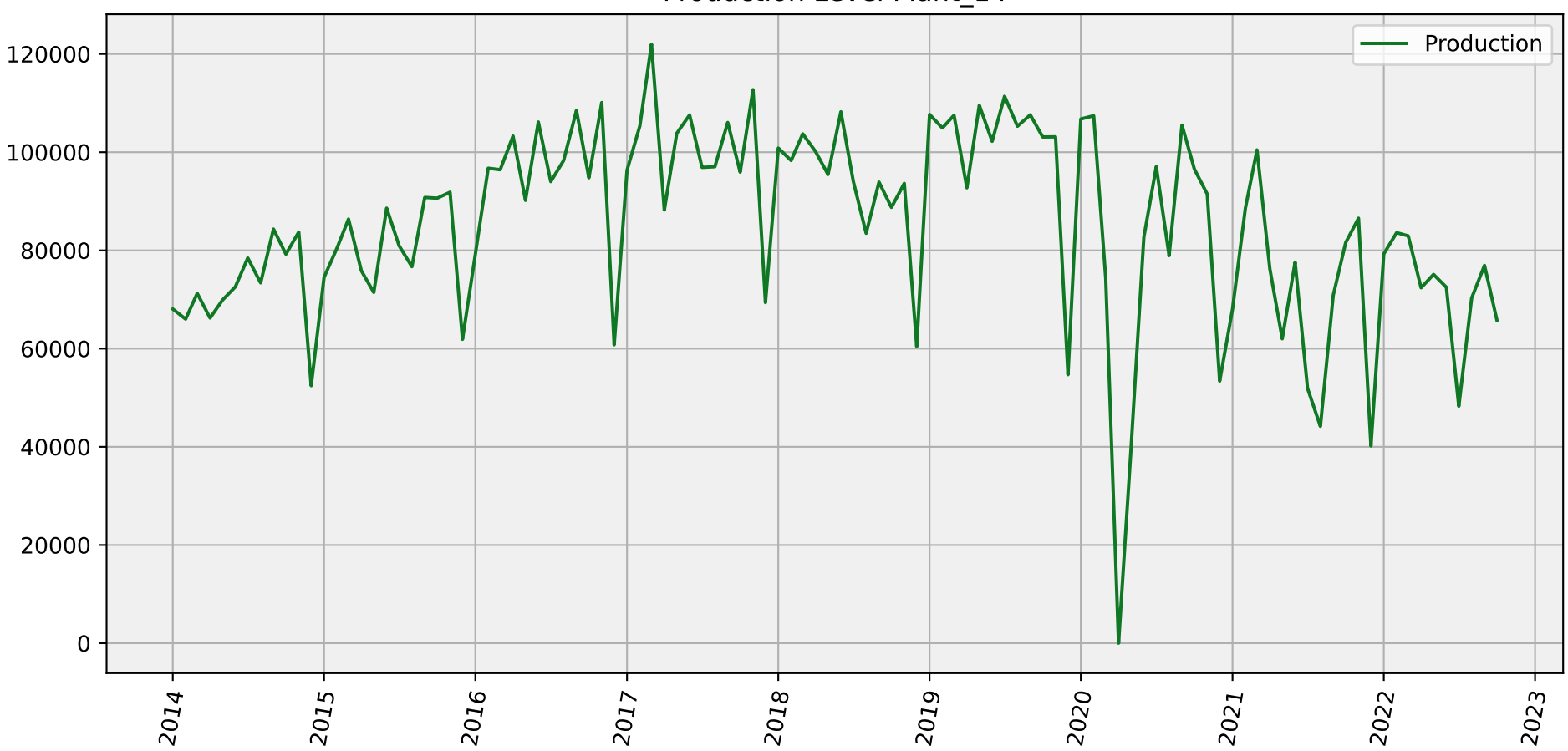

Production Level Plant_13
Production
40000
35000
30000
25000
20000
15000
10000
5000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_25-Plant_13
Vol/Prod_ratio_kg
800
600
400
200
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

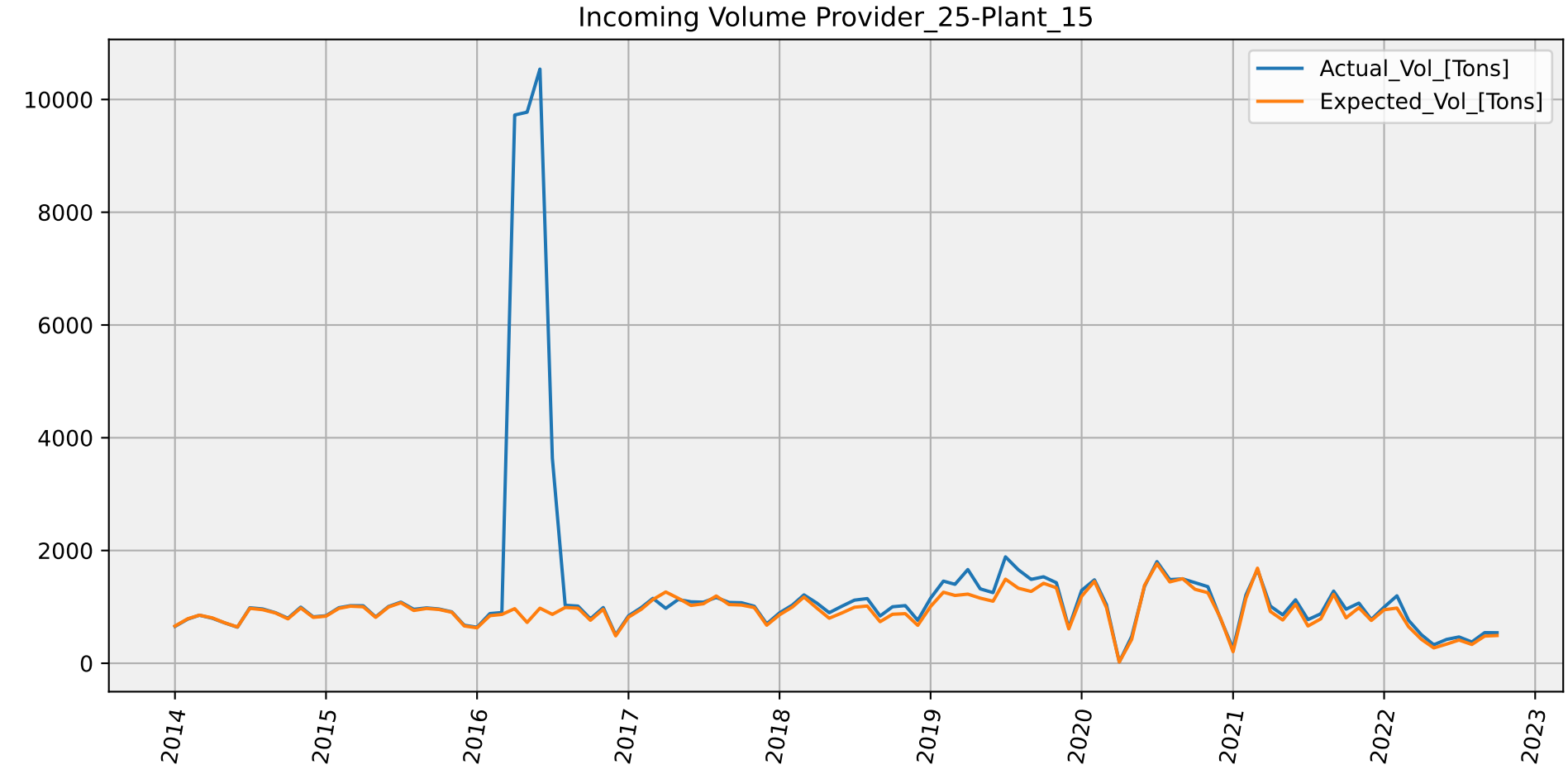
Incoming Volume Provider_25-Plant_14

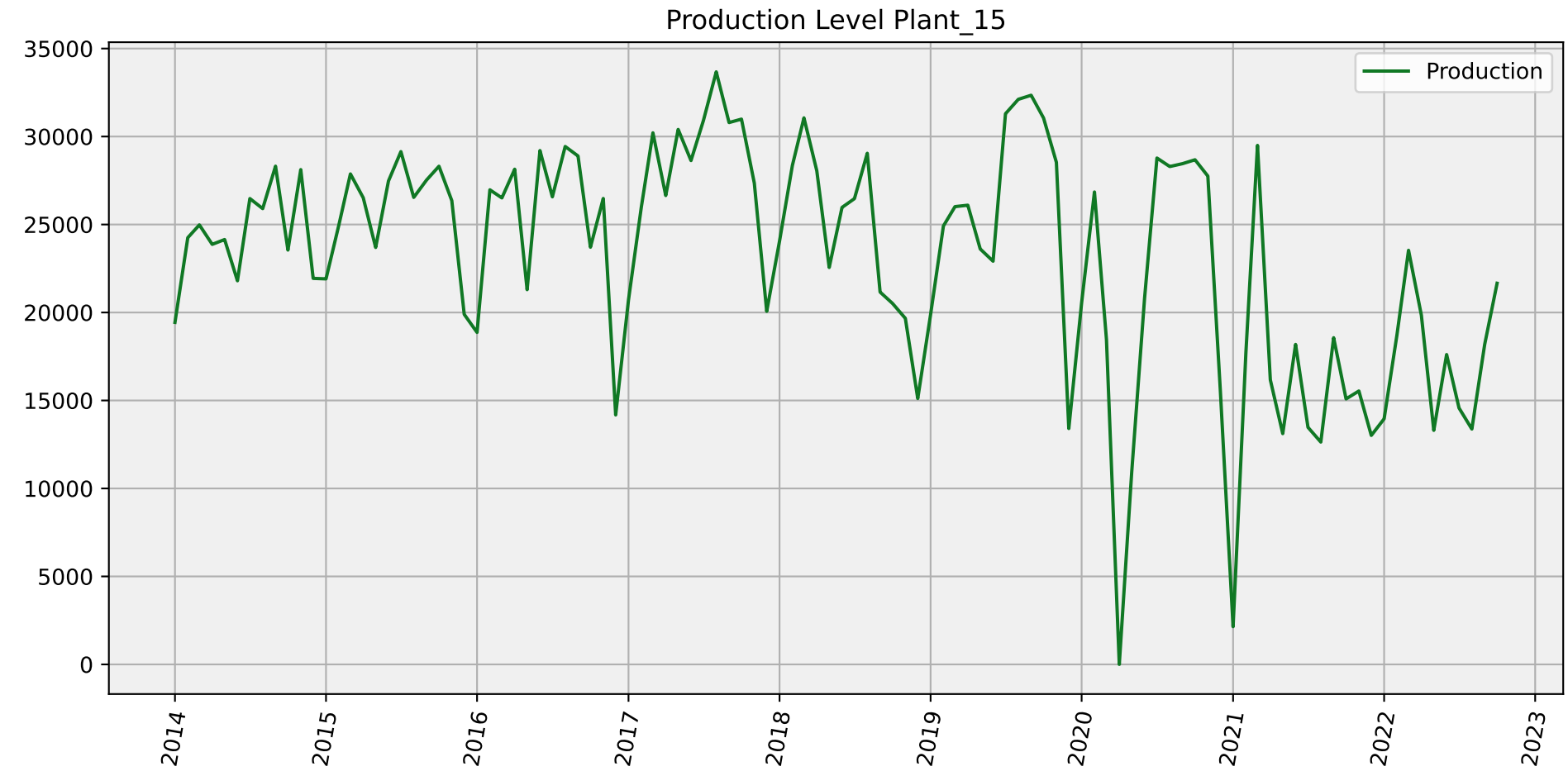


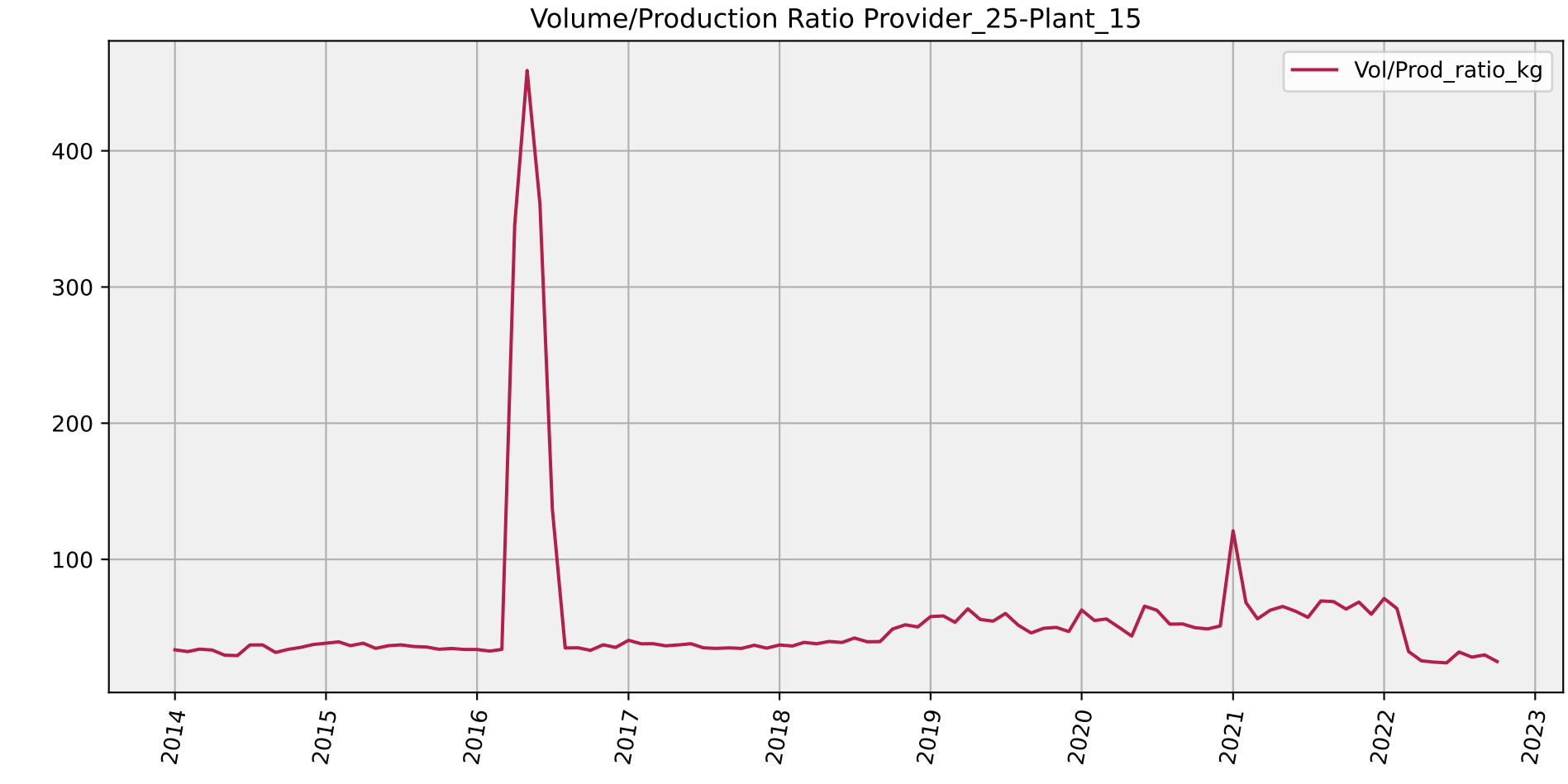
Production Level Plant_14



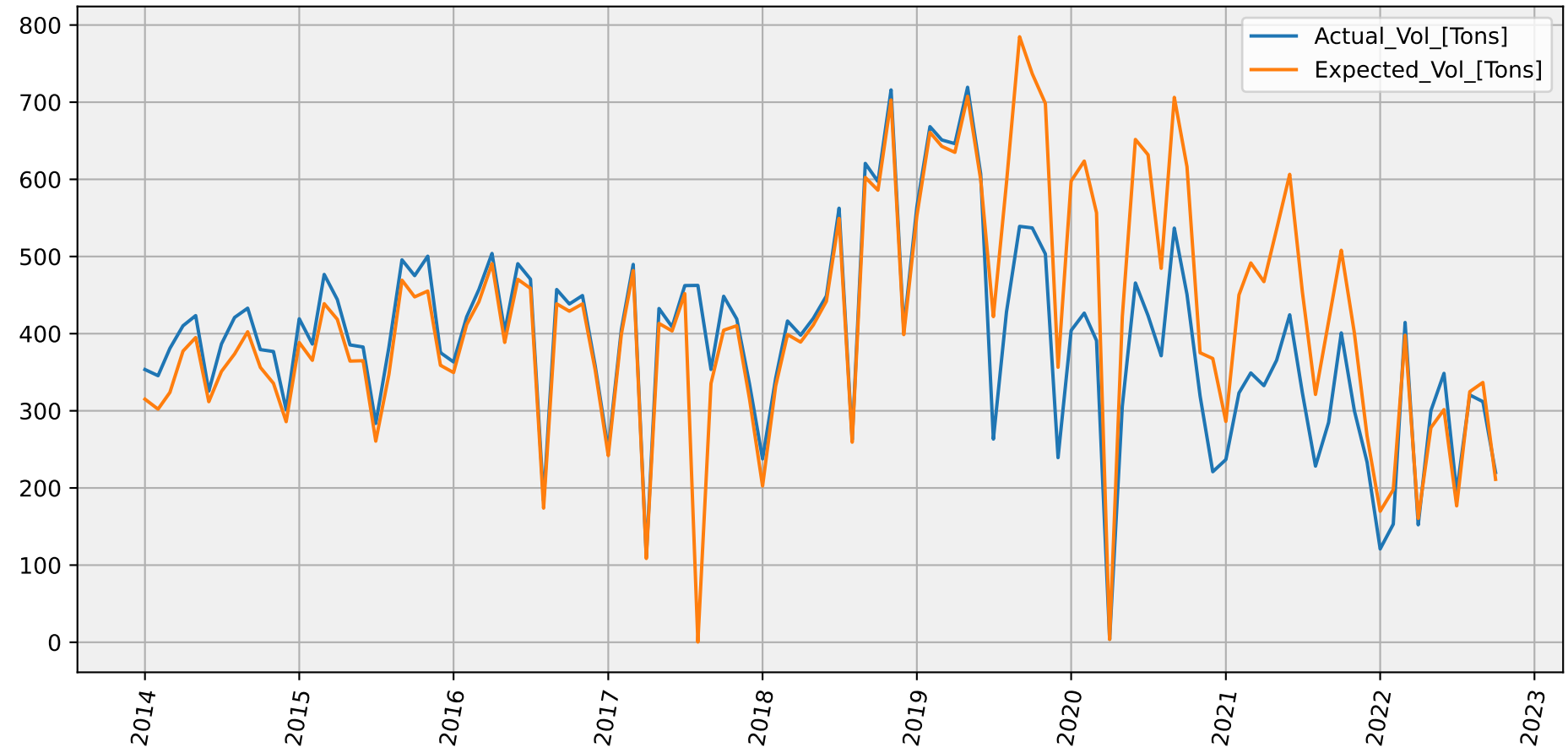
Volume/Production Ratio Provider_25-Plant_14


Incoming Volume Provider_25-Plant_15
Actual_Vol_[Tons]
Expected_Vol_[Tons]
10000
8000
6000
4000
2000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

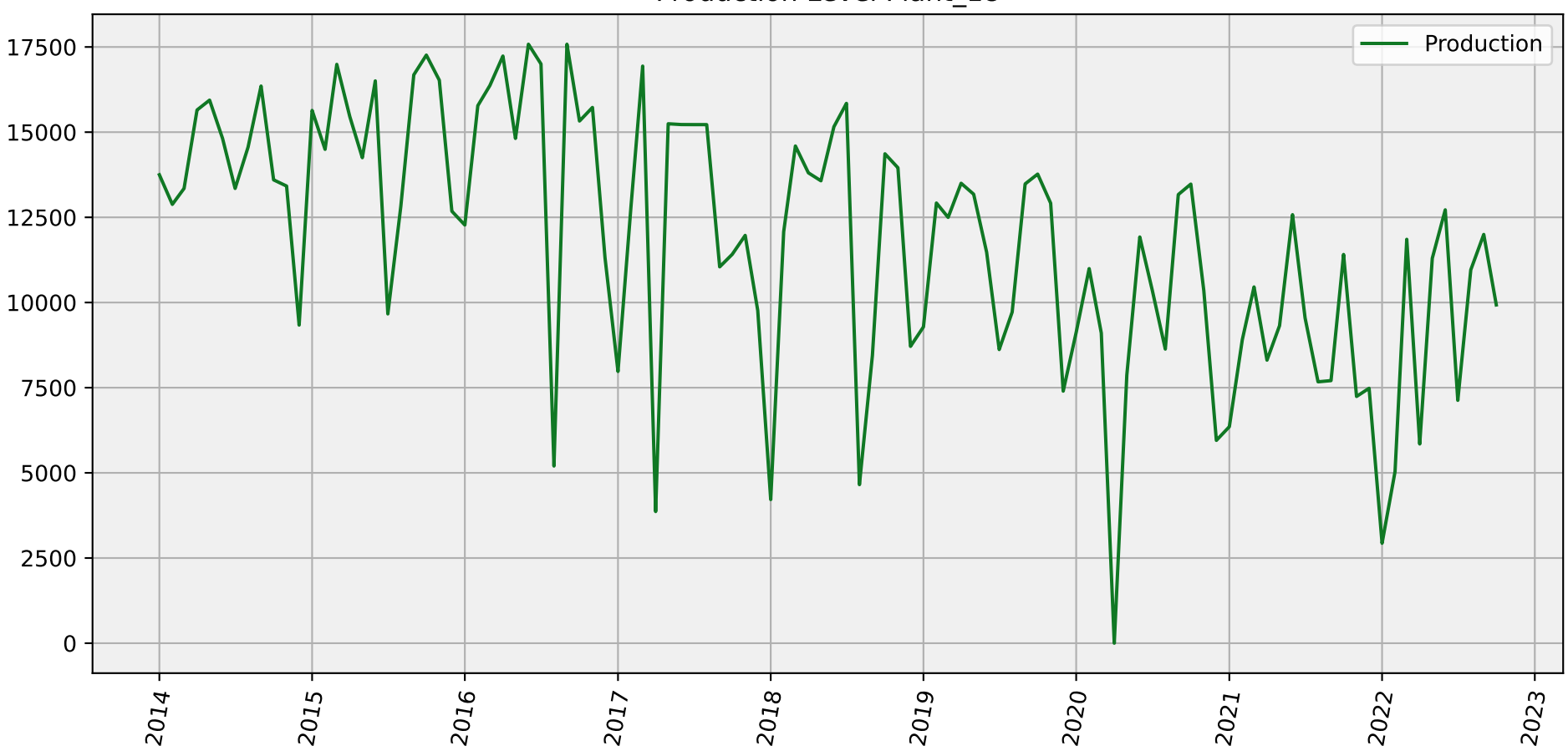

Production Level Plant_15
Production
35000
30000
25000
20000
15000
10000
5000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_25-Plant_15
Vol/Prod_ratio_kg
400
300
200
100
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

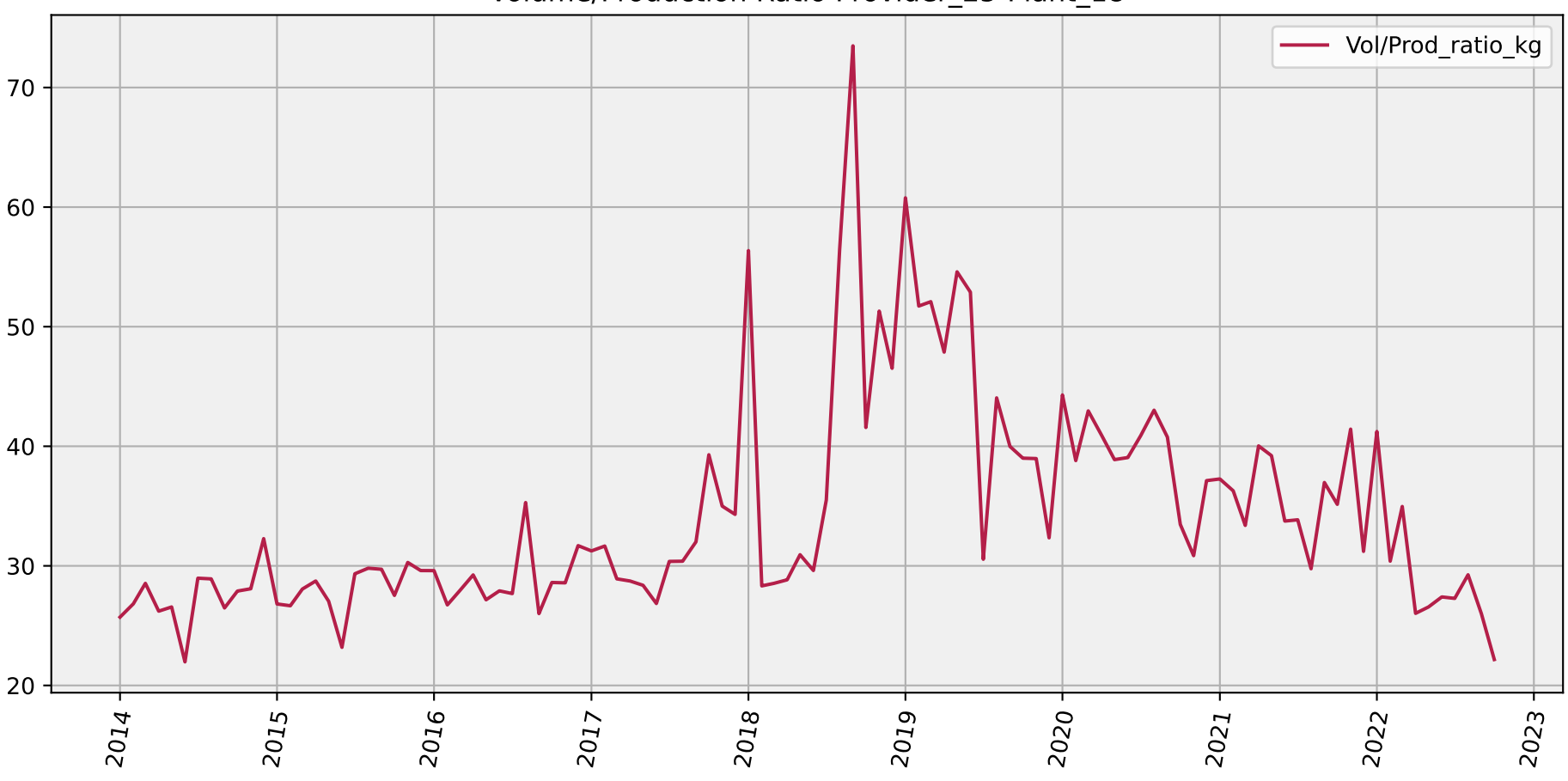
Incoming Volume Provider_25-Plant_18



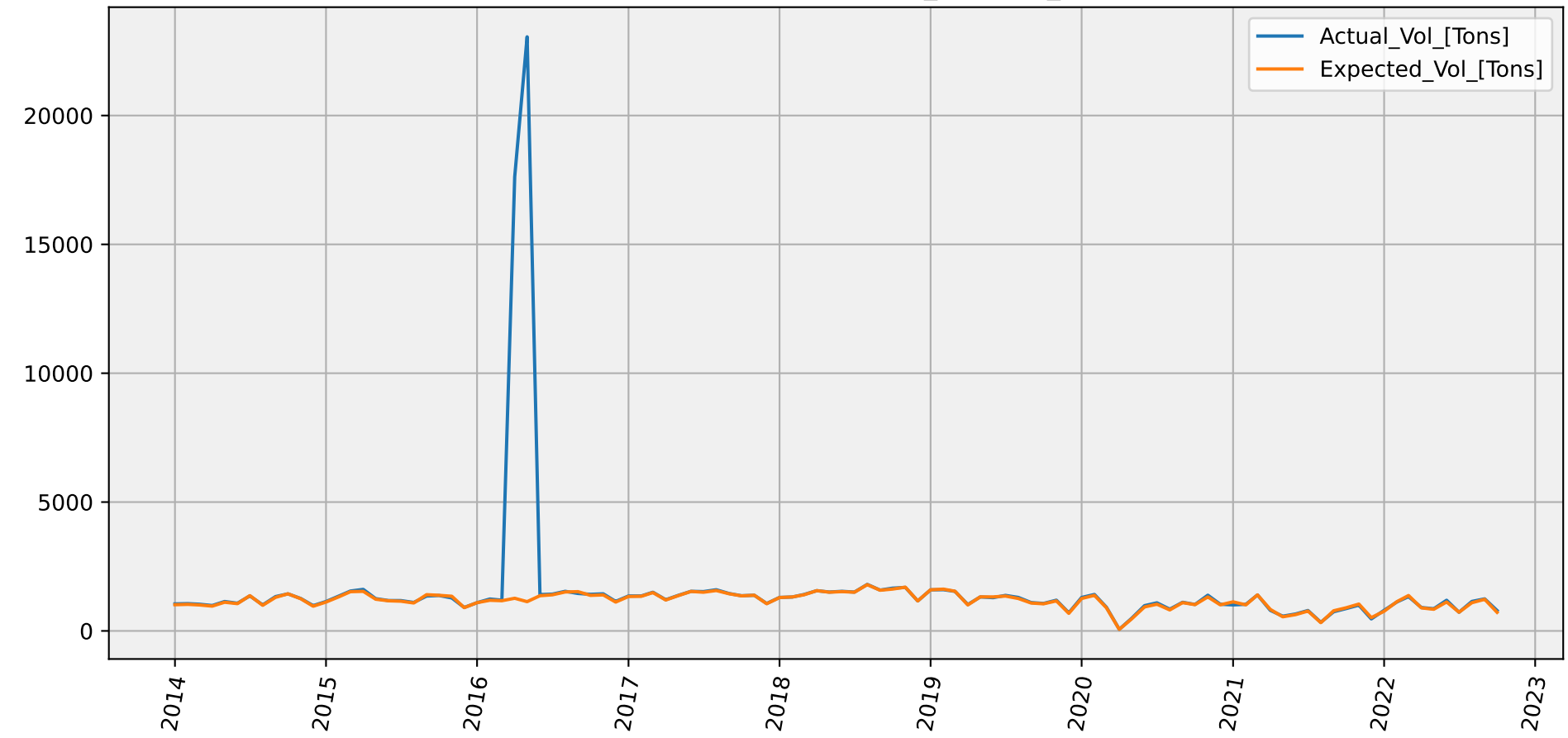
Production Level Plant_18



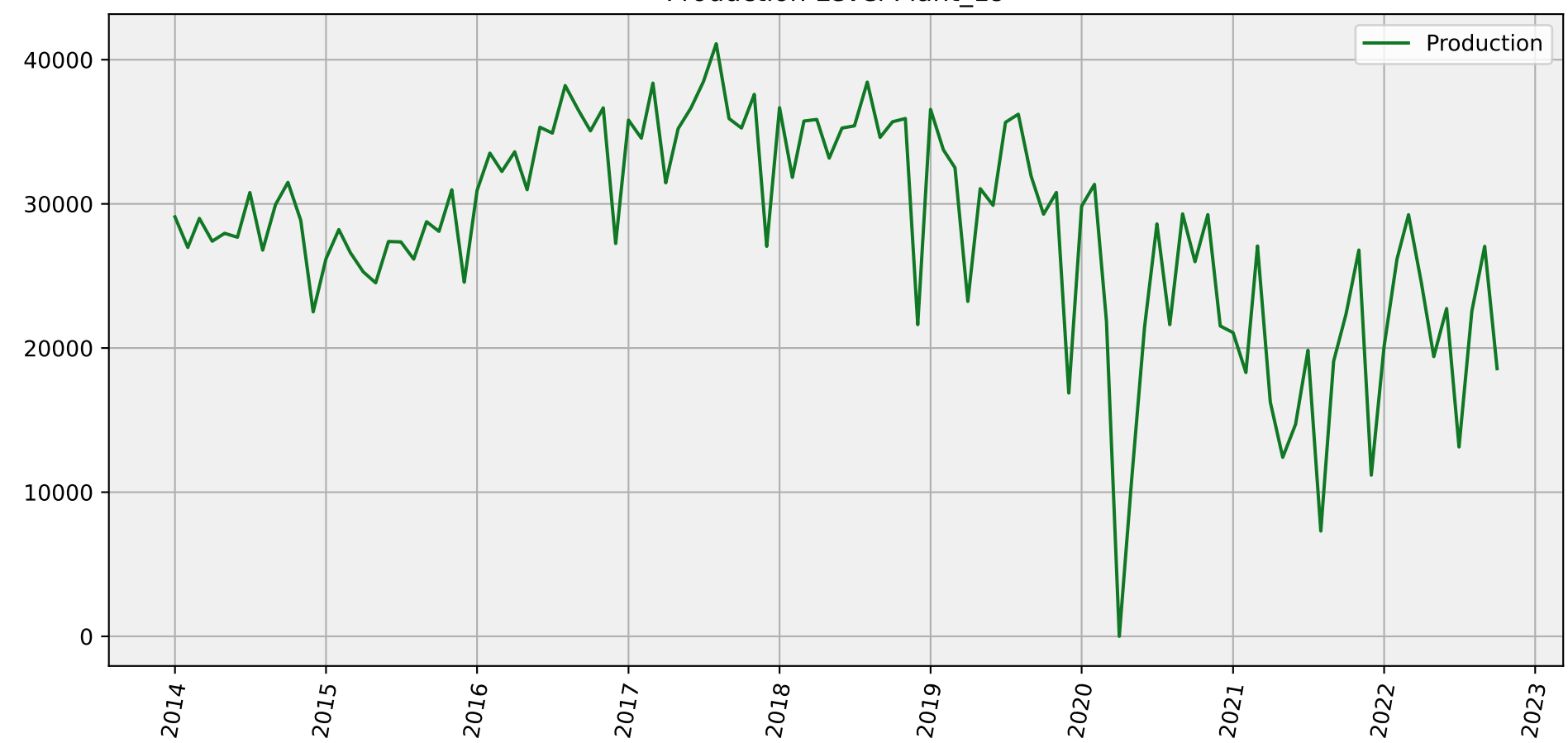
Volume/Production Ratio Provider_25-Plant_18



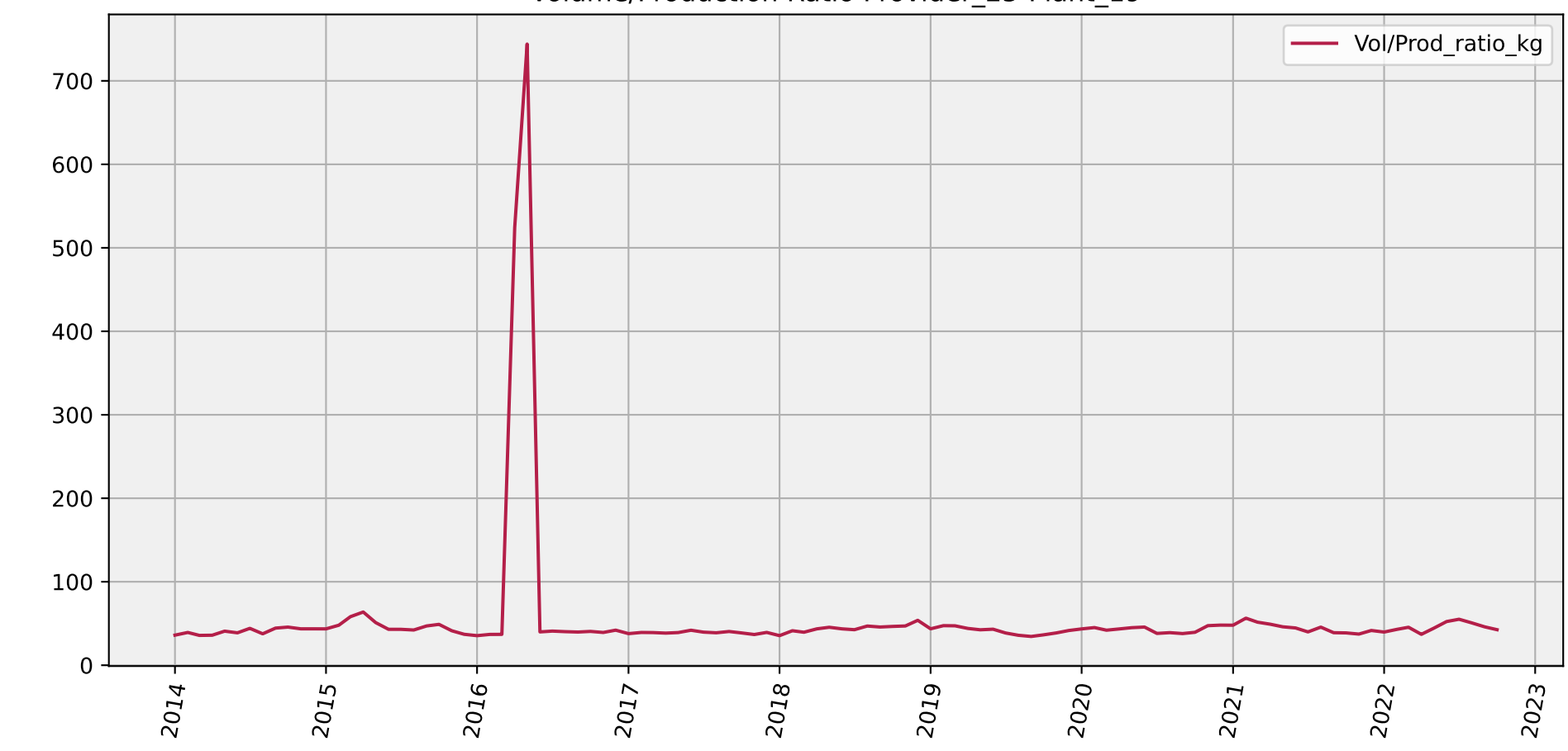
Incoming Volume Provider_25-Plant_19



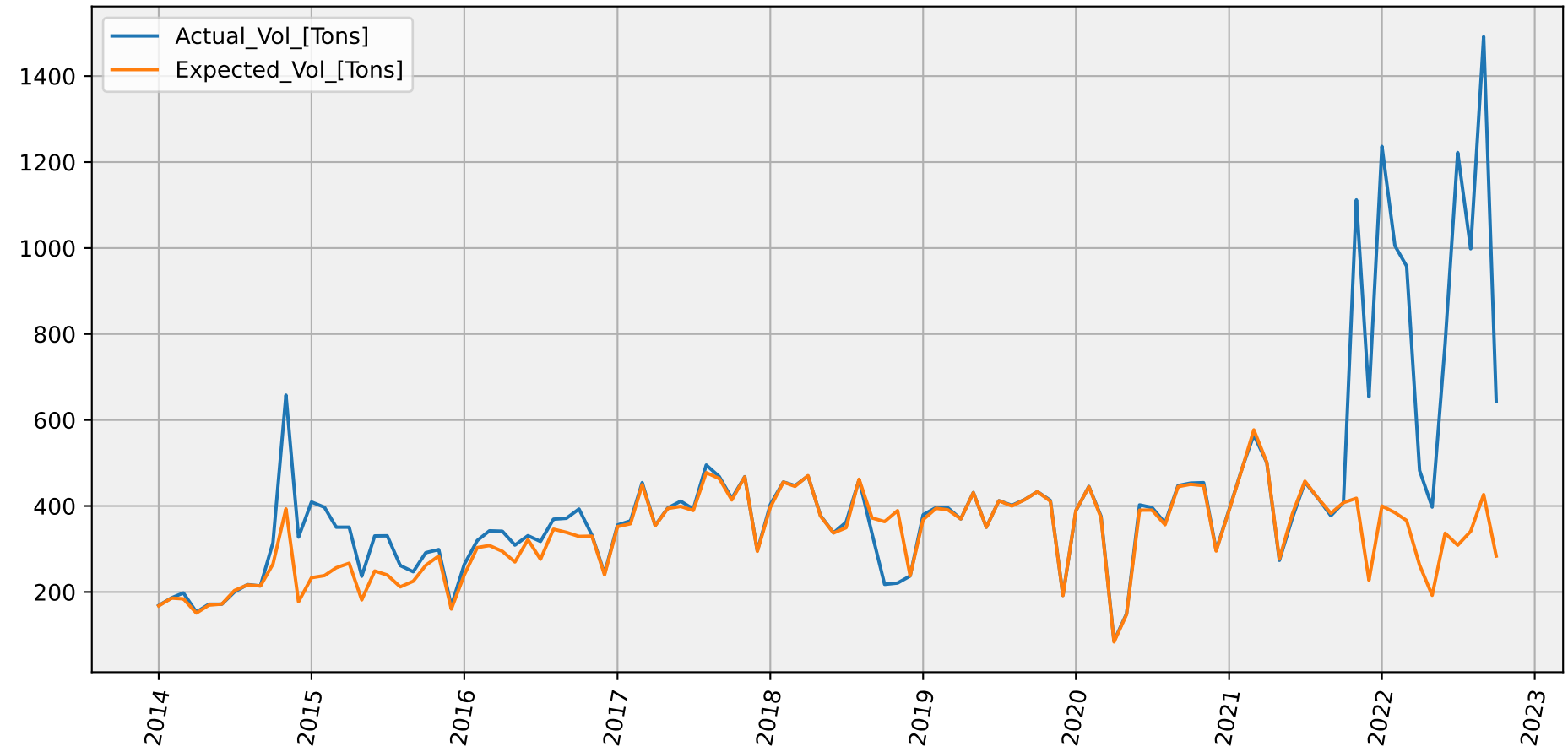
Production Level Plant_19



Volume/Production Ratio Provider_25-Plant_19



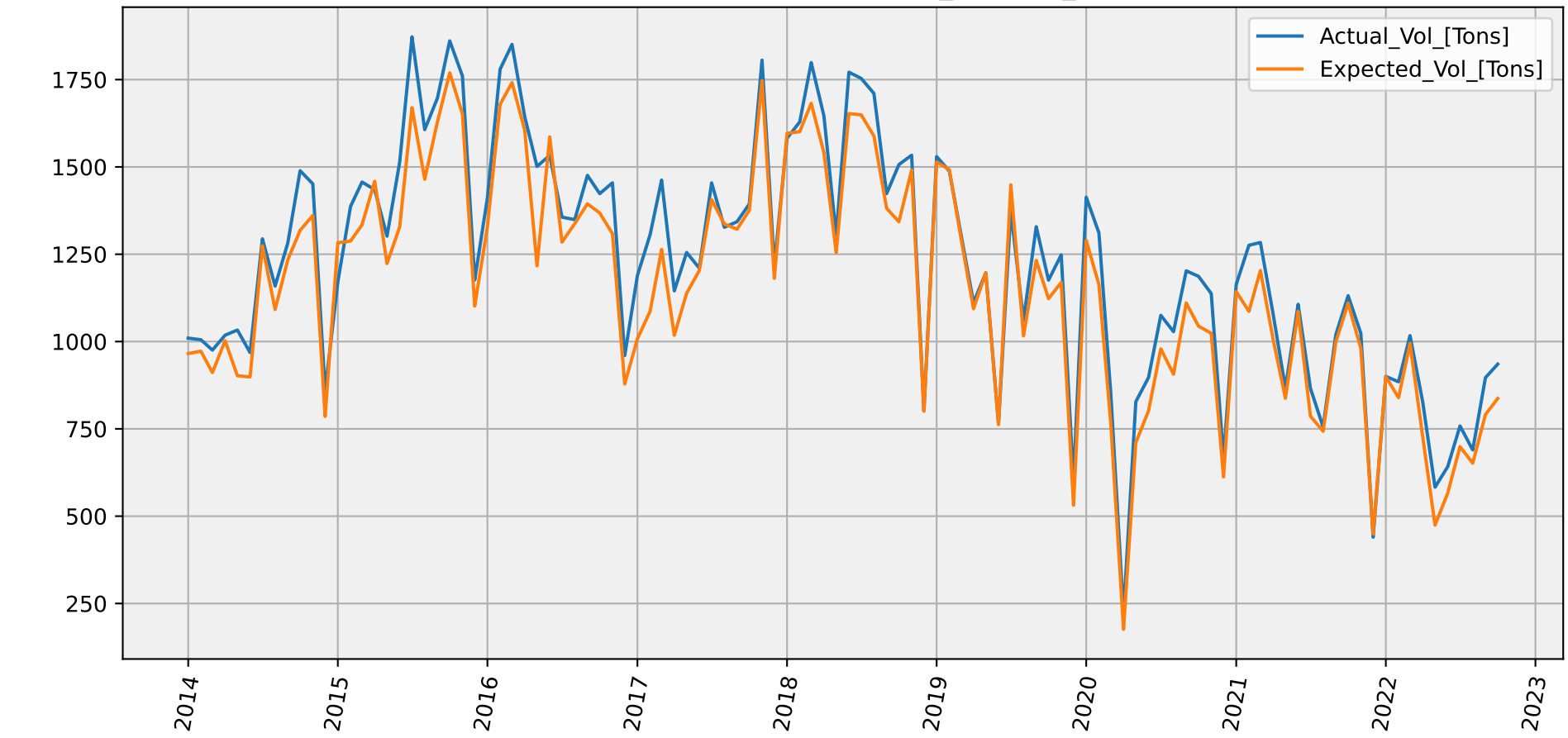
Incoming Volume Provider_25-Plant_20



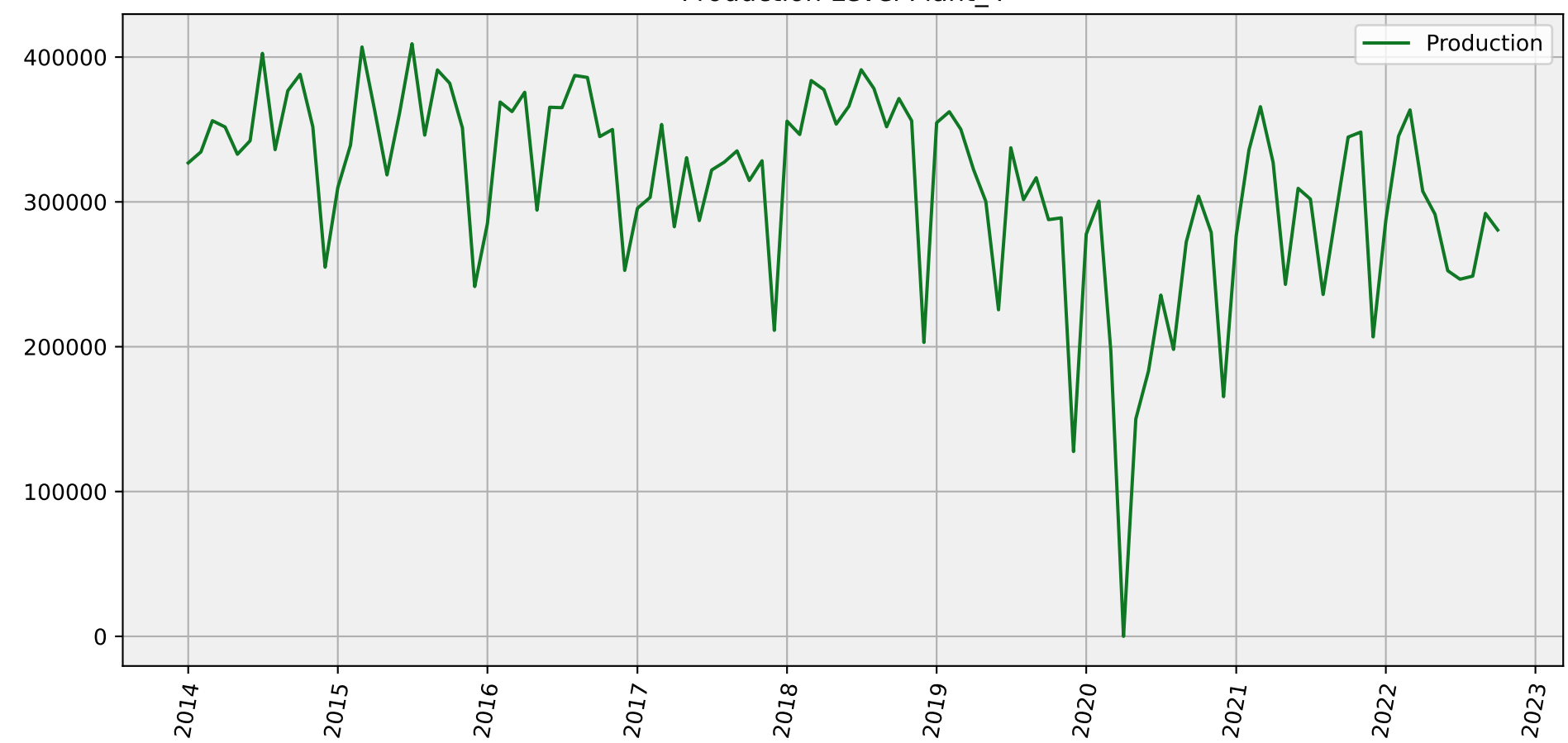
Production Level Plant_20

Volume/Production Ratio Provider_25-Plant_20

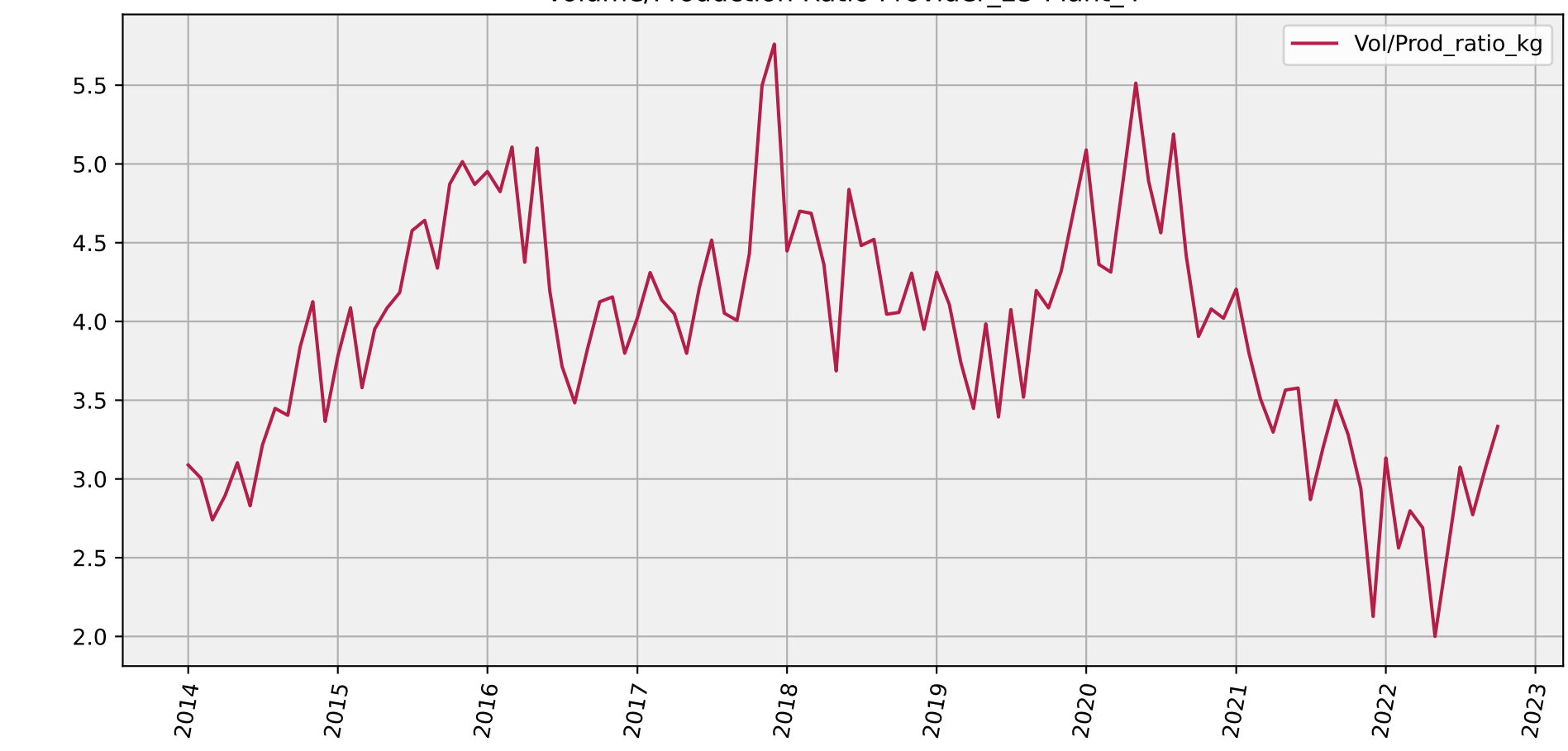
Incoming Volume Provider_25-Plant_4

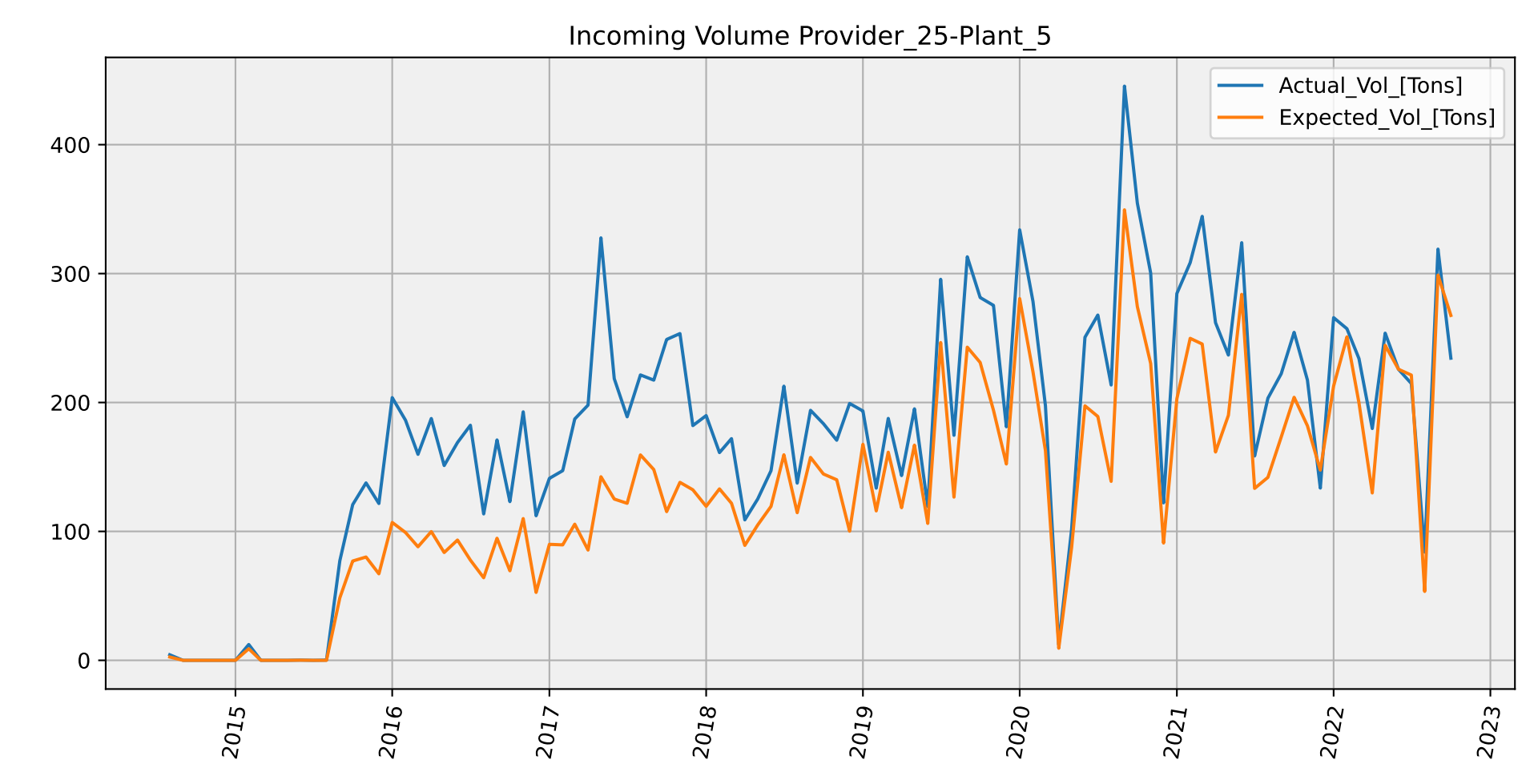


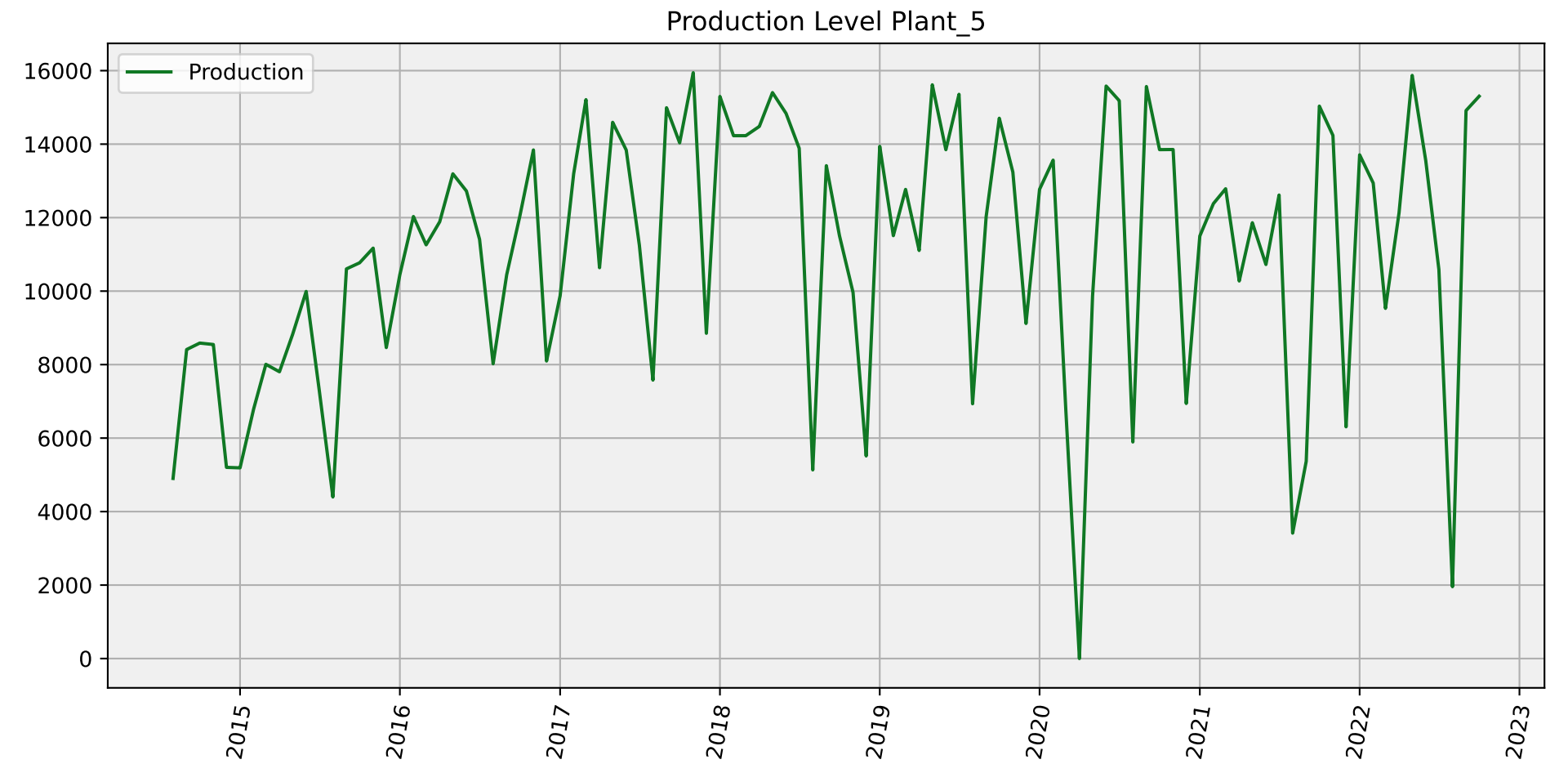
Production Level Plant_4

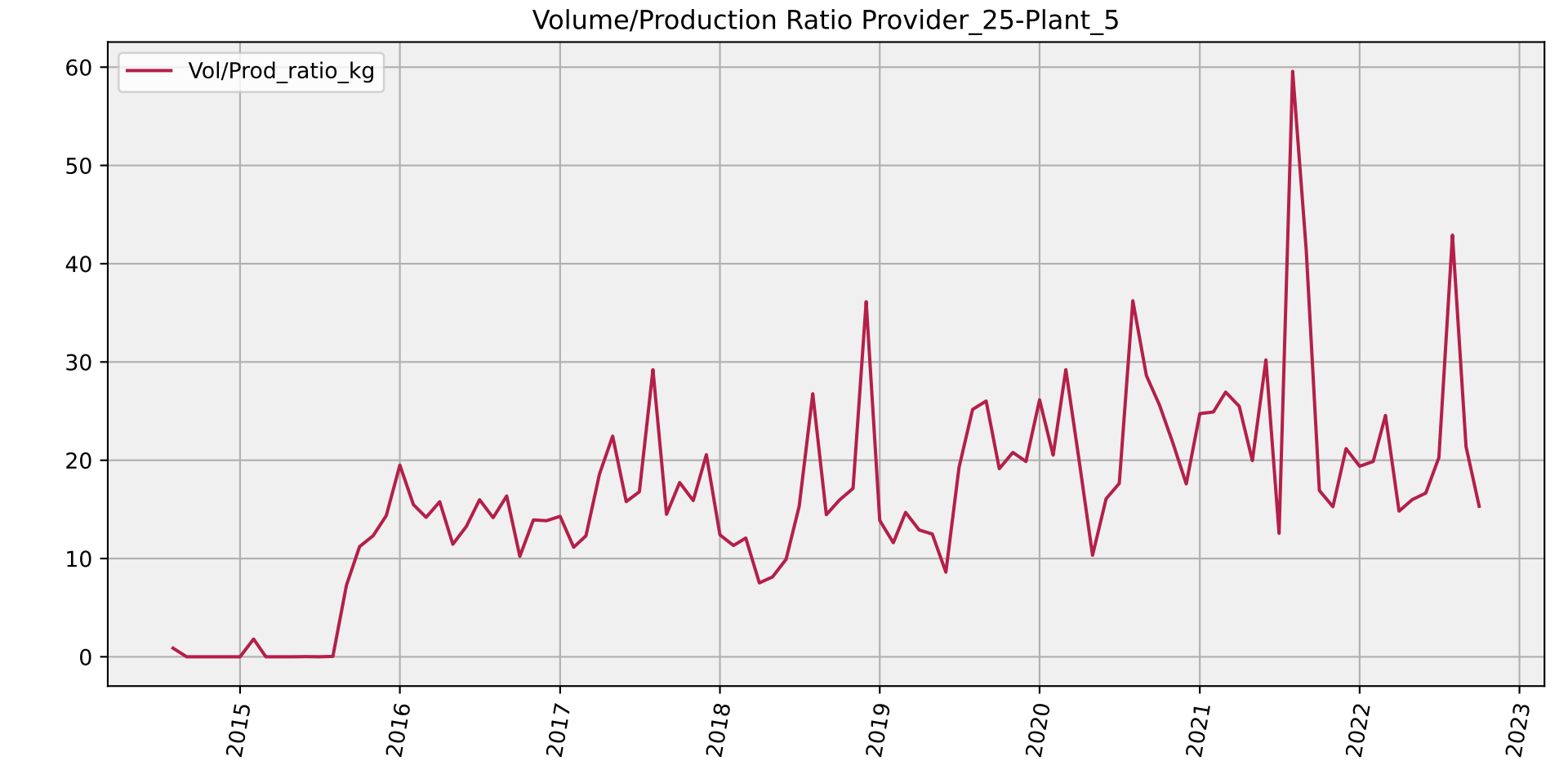


Volume/Production Ratio Provider_25-Plant_4

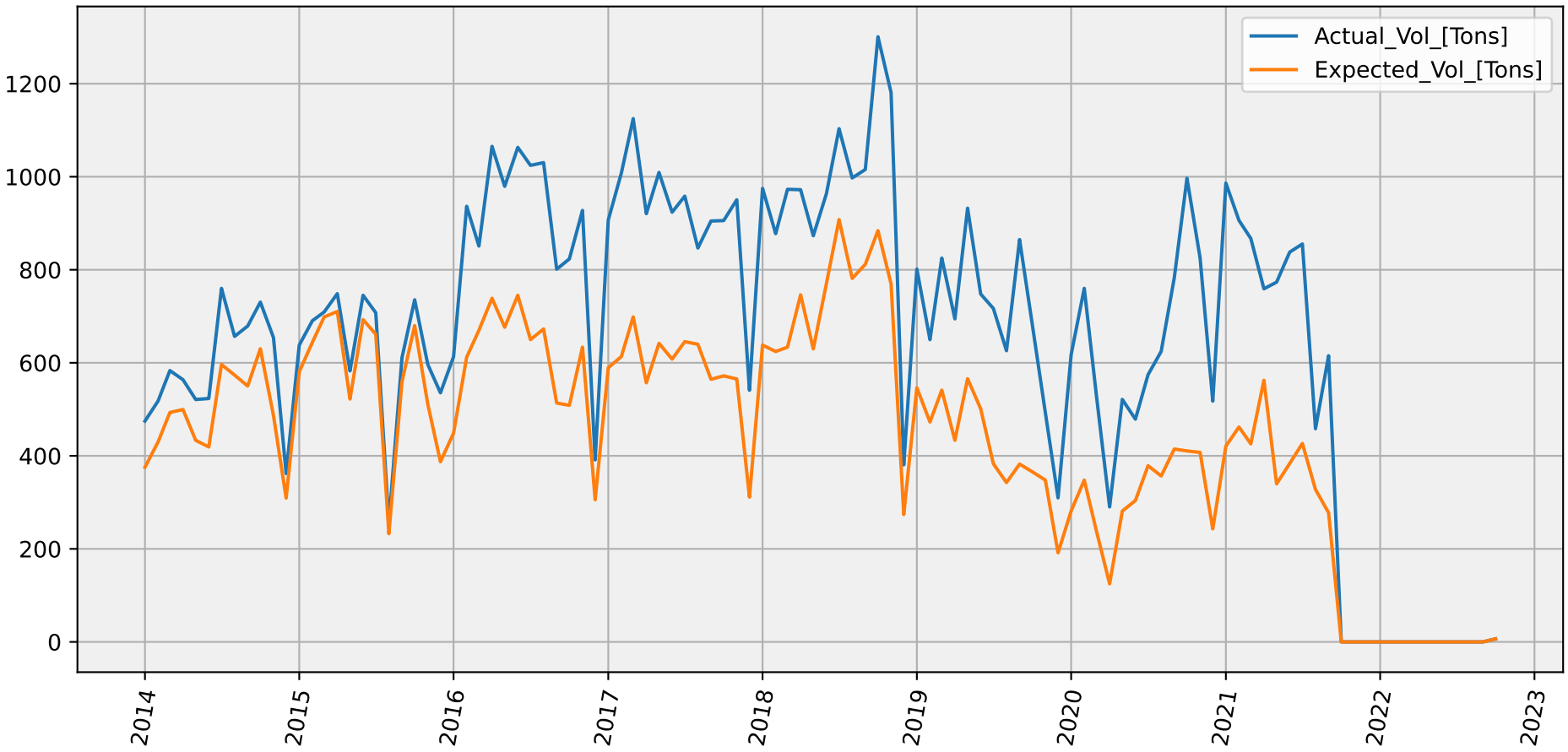



Incoming Volume Provider_25-Plant_5
Actual_Vol_[Tons]
Expected_Vol_[Tons]
400
300
200
100
0
2015
2016
2017
2018
2019
2020
2021
2022
2023

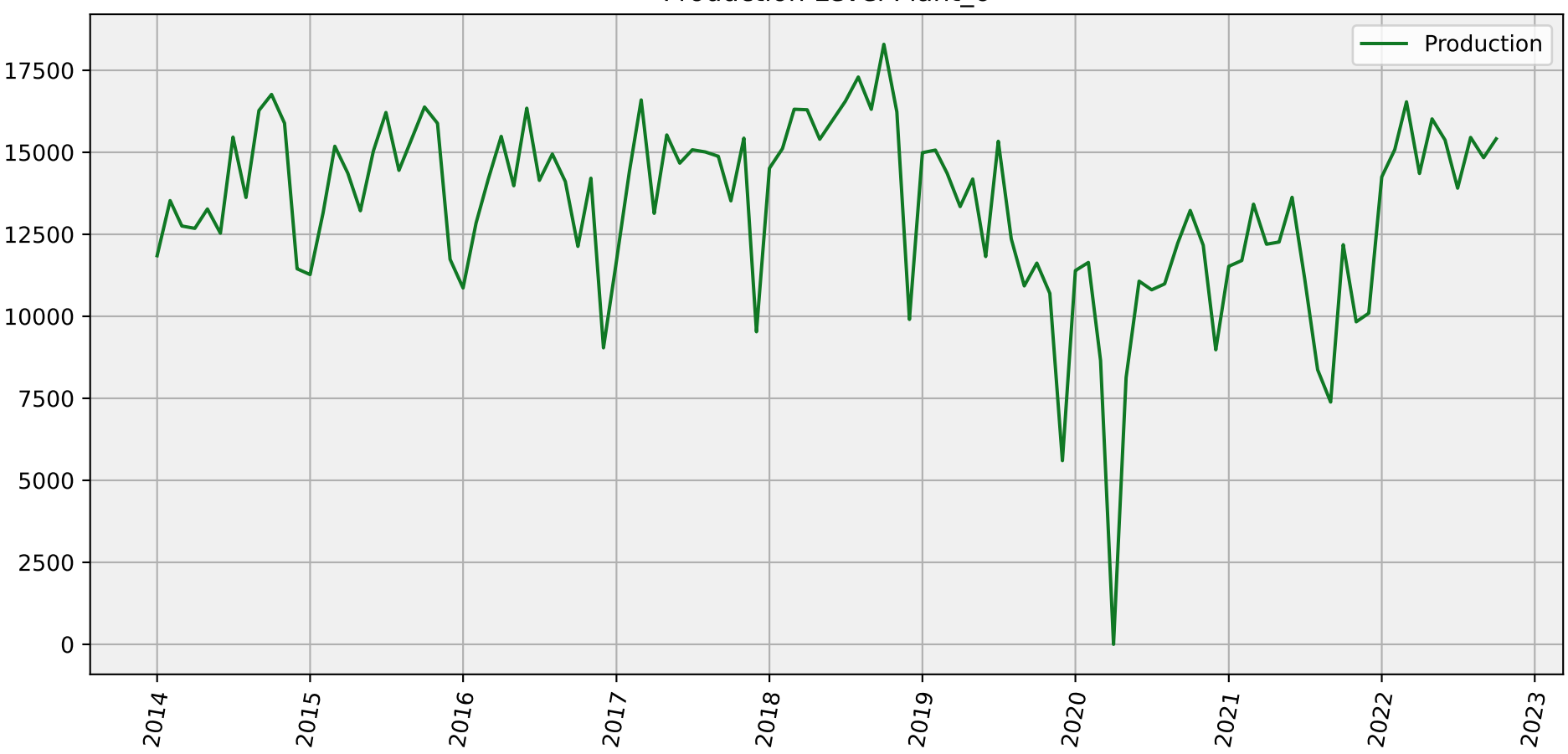

Production Level Plant_5
Production
16000
14000
12000
10000
8000
6000
4000
2000
0
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_25-Plant_5
Vol/Prod_ratio_kg
60
50
40
30
20
10
0
2015
2016
2017
2018
2019
2020
2021
2022
2023

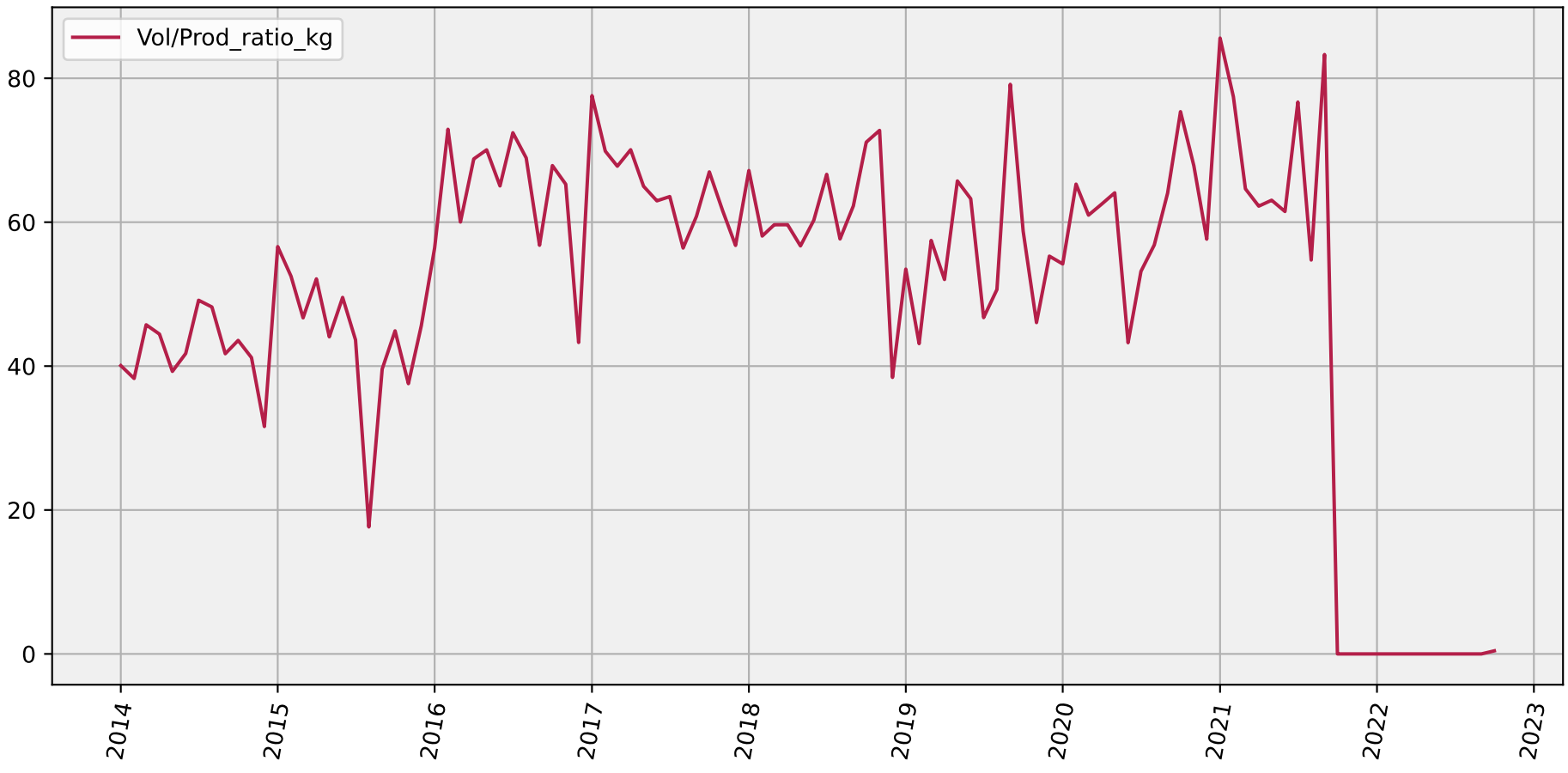
Incoming Volume Provider_25-Plant_6

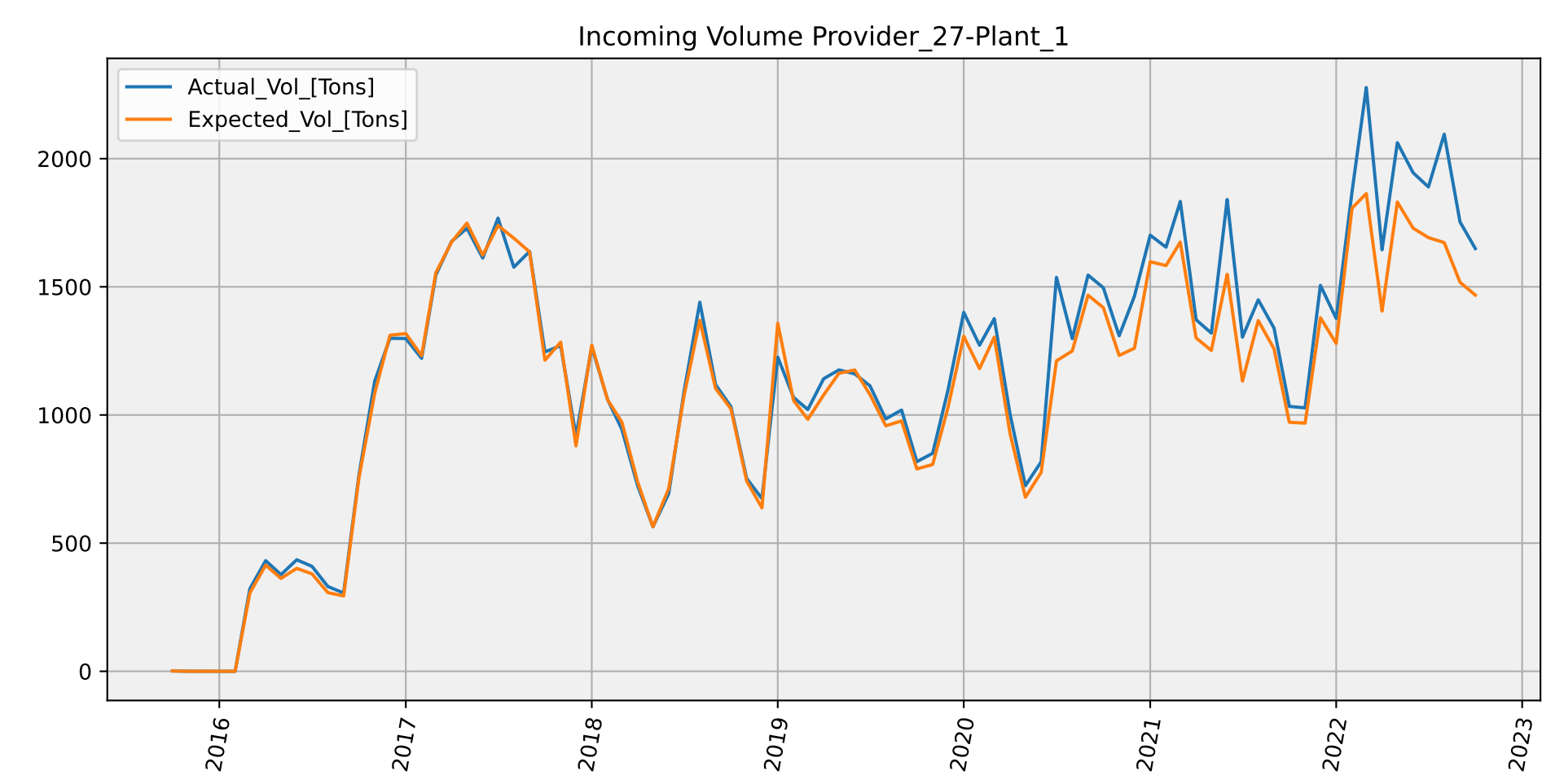


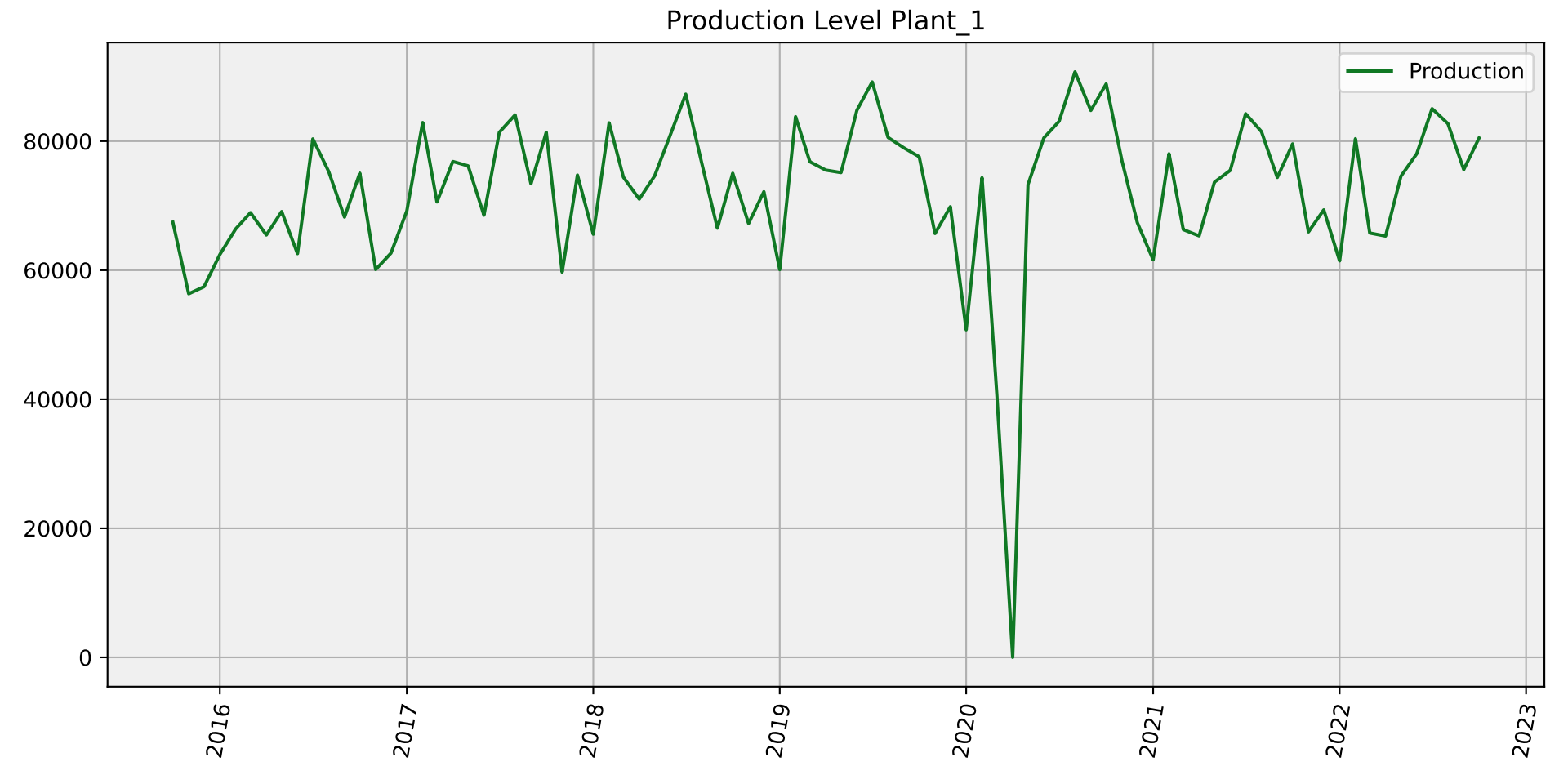
Production Level Plant_6

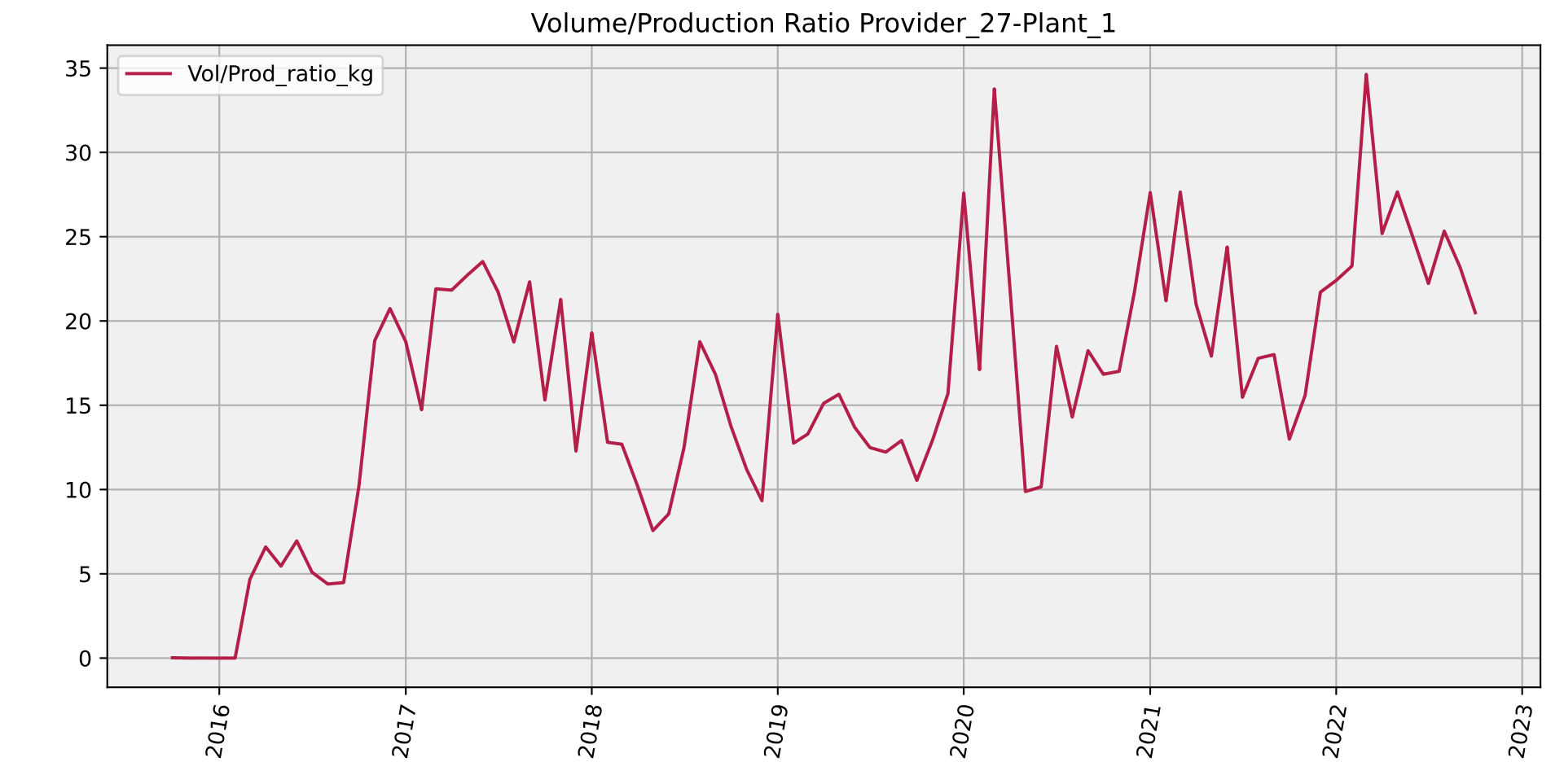


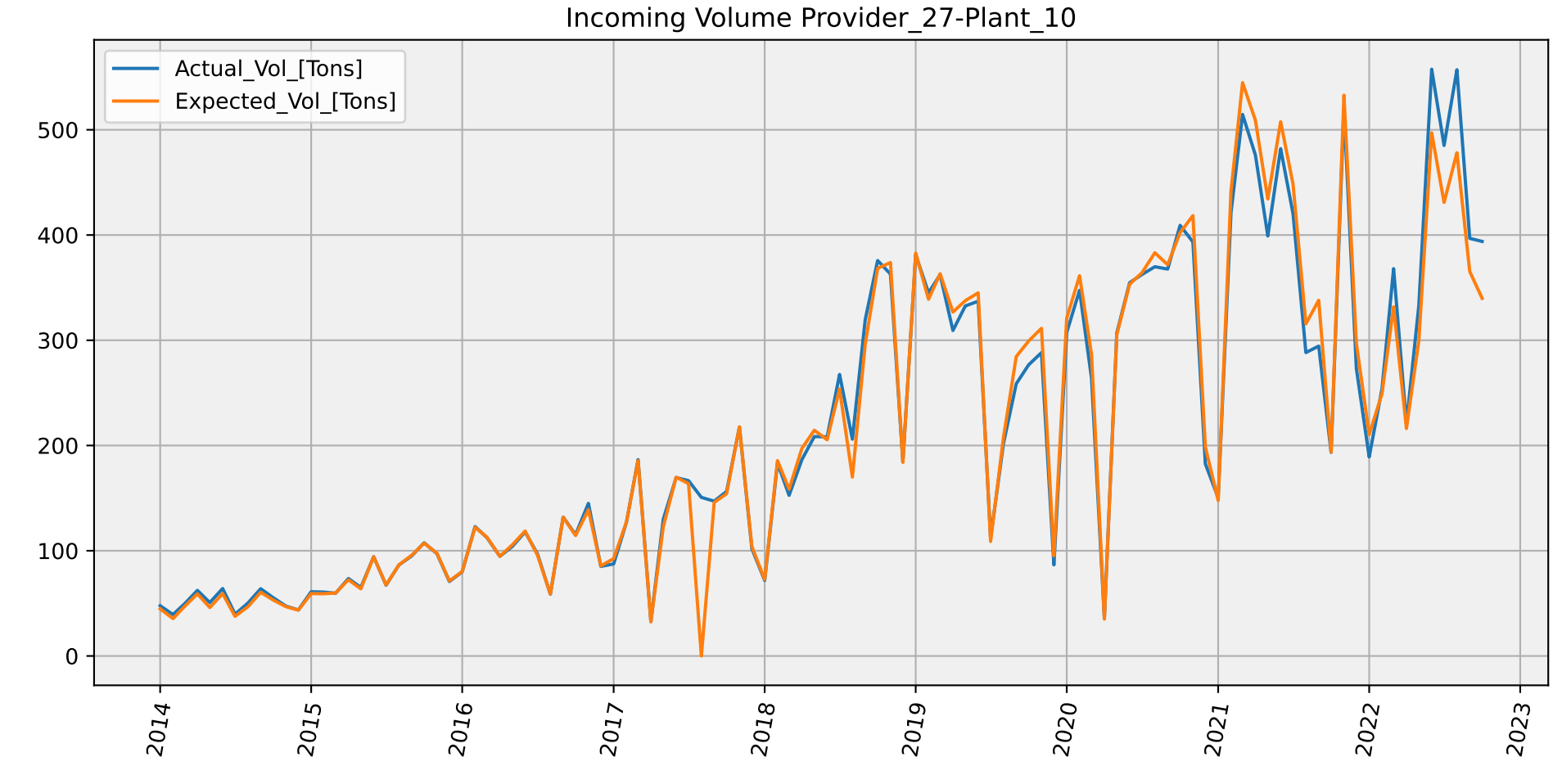
Volume/Production Ratio Provider_25-Plant_6

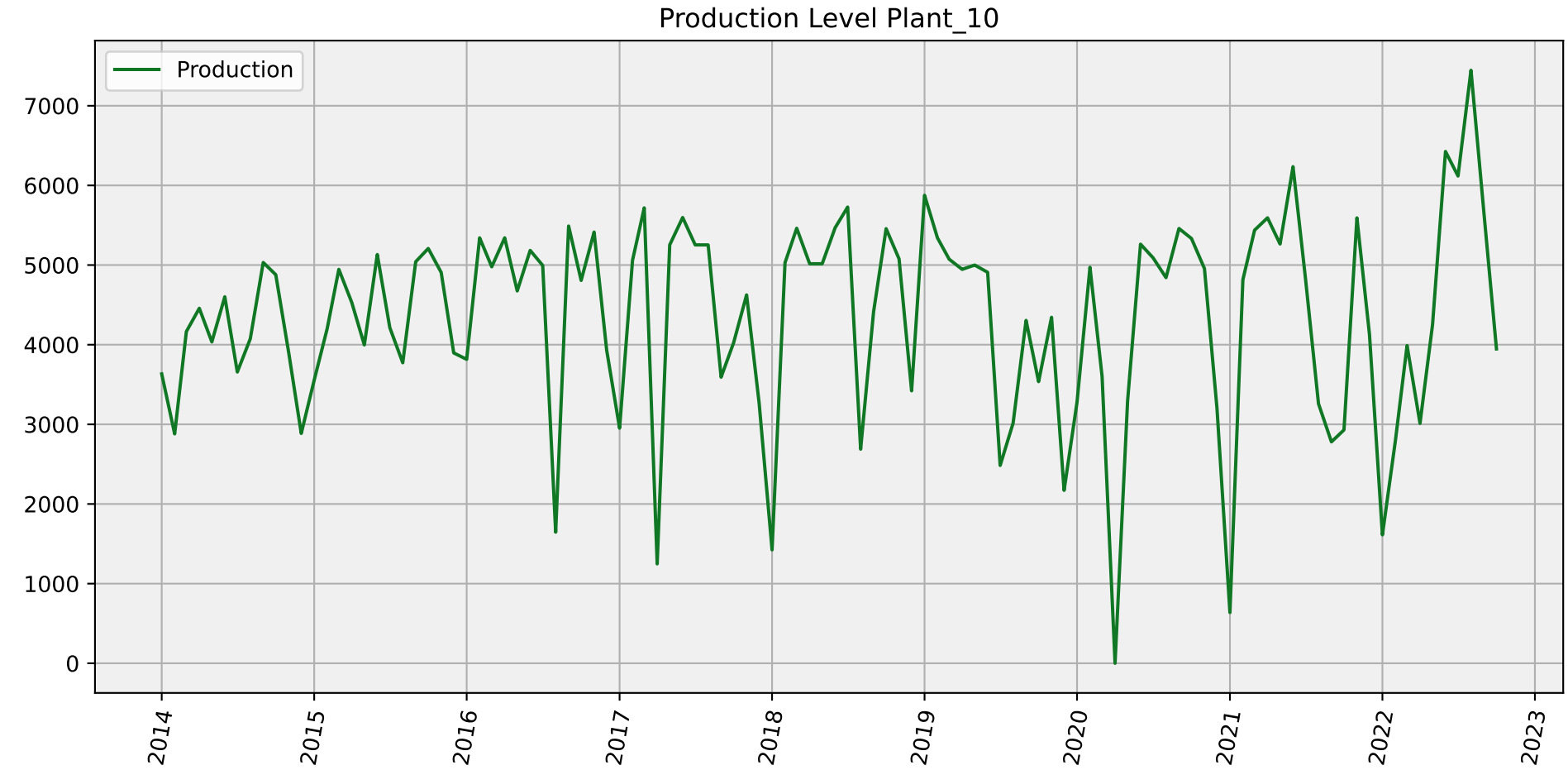


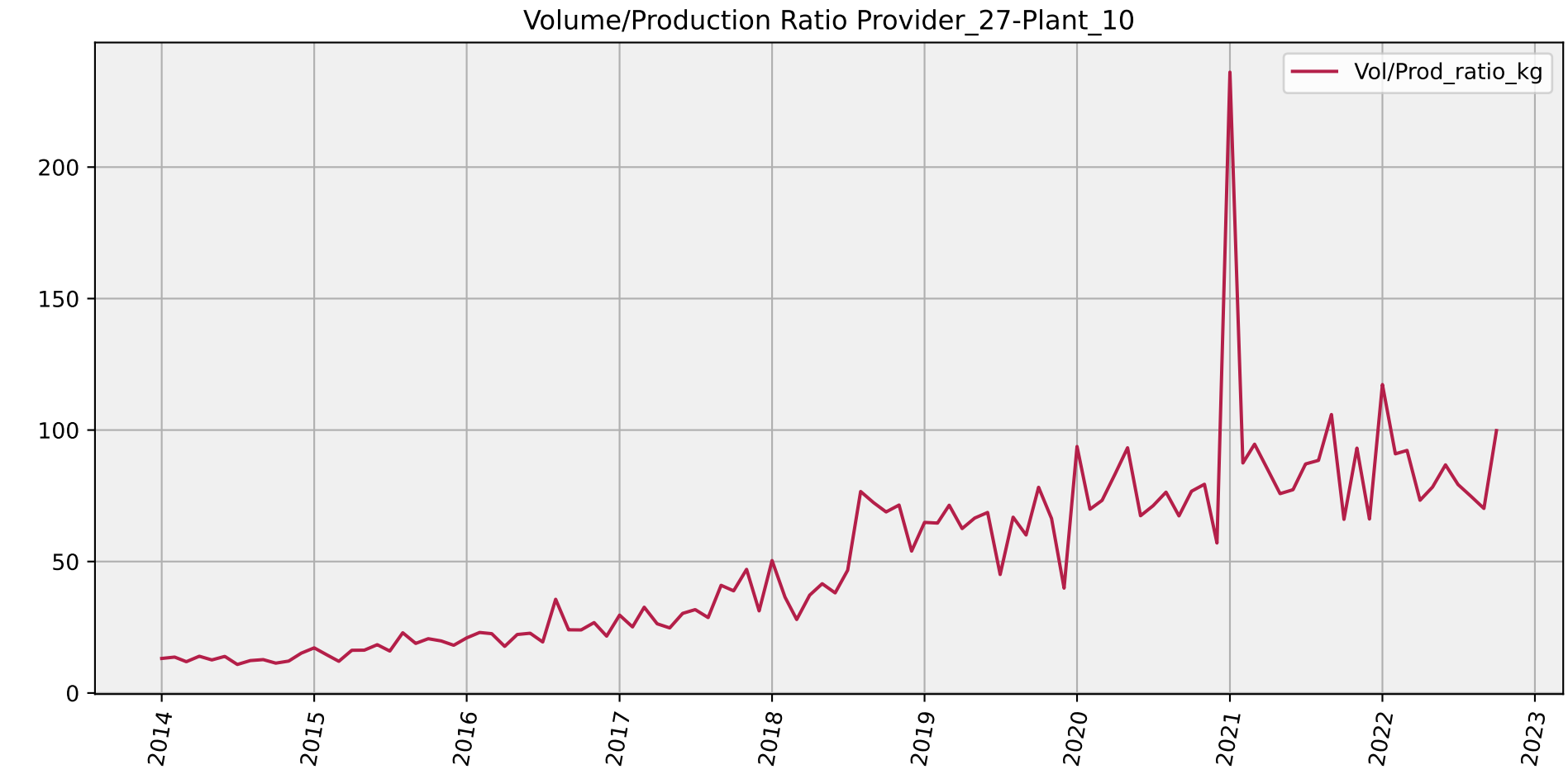

Incoming Volume Provider_27-Plant_1
Actual_Vol_[Tons]
Expected_Vol_[Tons]
2000
1500
1000
500
0
2016
2017
2018
2019
2020
2021
2022
2023


Production Level Plant_1
Production
80000
60000
40000
20000
0
2016
2017
2018
2019
2020
2021
2022
2023

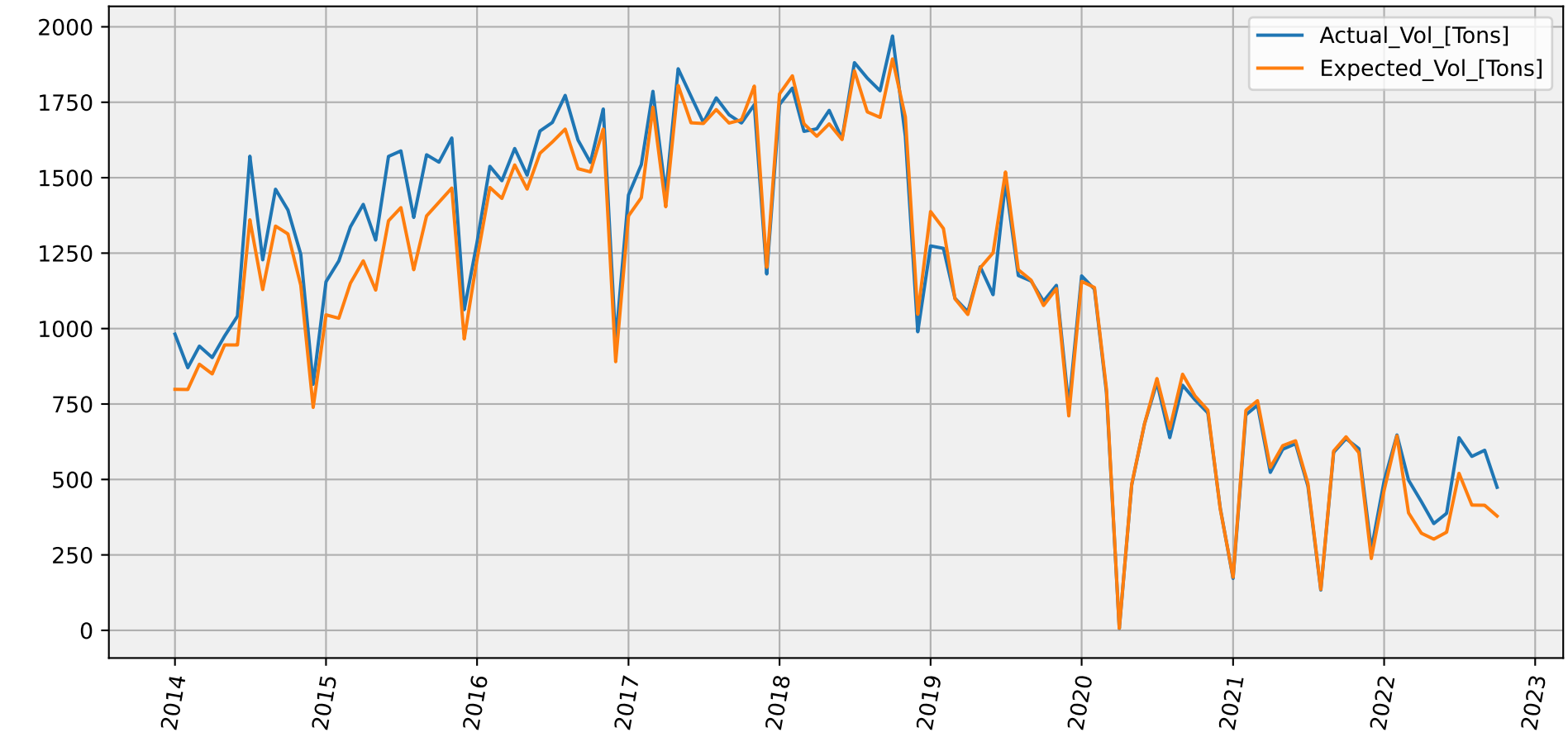

Volume/Production Ratio Provider_27-Plant_1
Vol/Prod_ratio_kg
35
30
25
20
15
10
5
0
2016
2017
2018
2019
2020
2021
2022
2023


Incoming Volume Provider_27-Plant_10
Actual_Vol_[Tons]
Expected_Vol_[Tons]
500
400
300
200
100
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

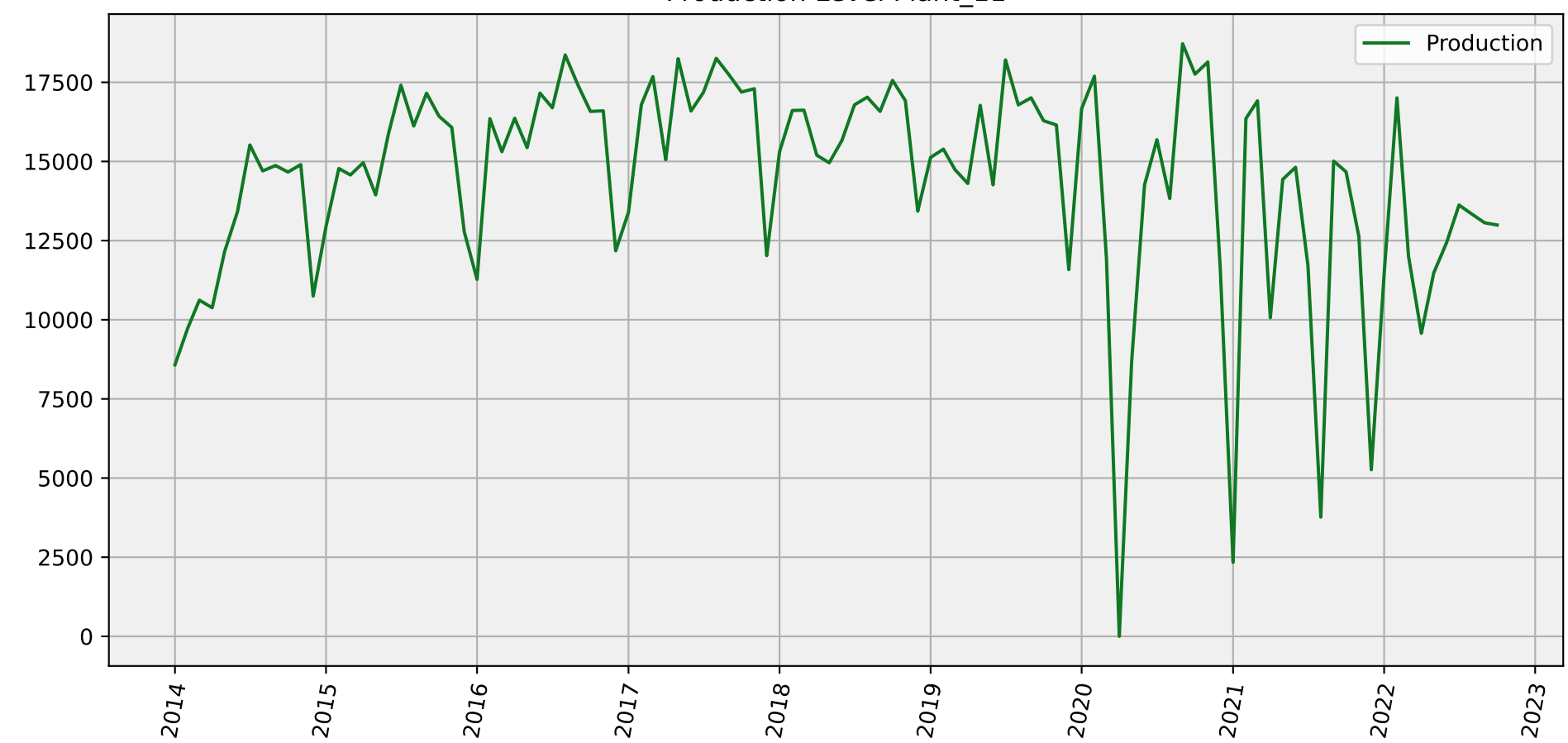

Production Level Plant_10
Production
7000
6000
5000
4000
3000
2000
1000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_27-Plant_10
Vol/Prod_ratio_kg
200
150
100
50
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

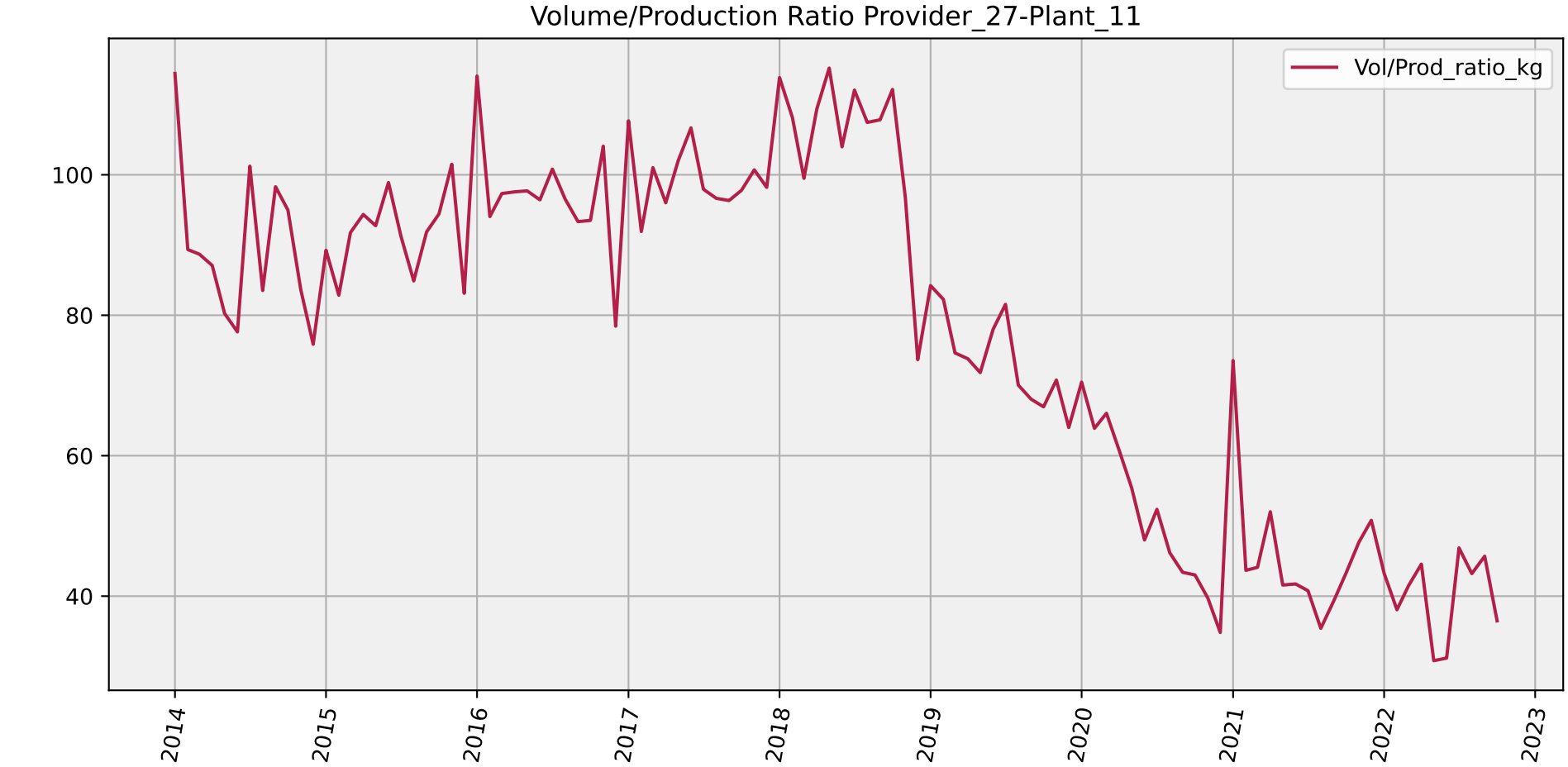
Incoming Volume Provider_27-Plant_11



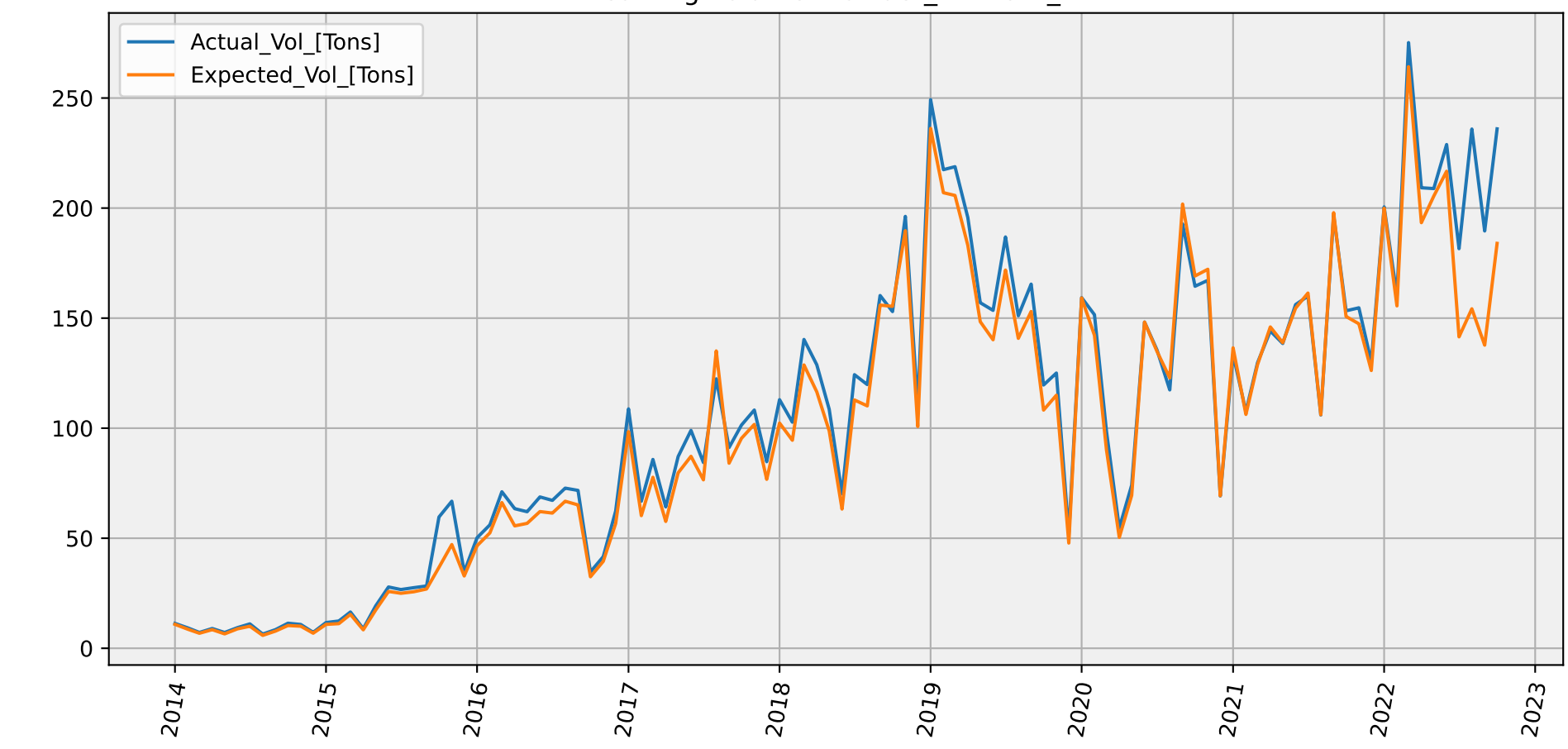
Production Level Plant_11



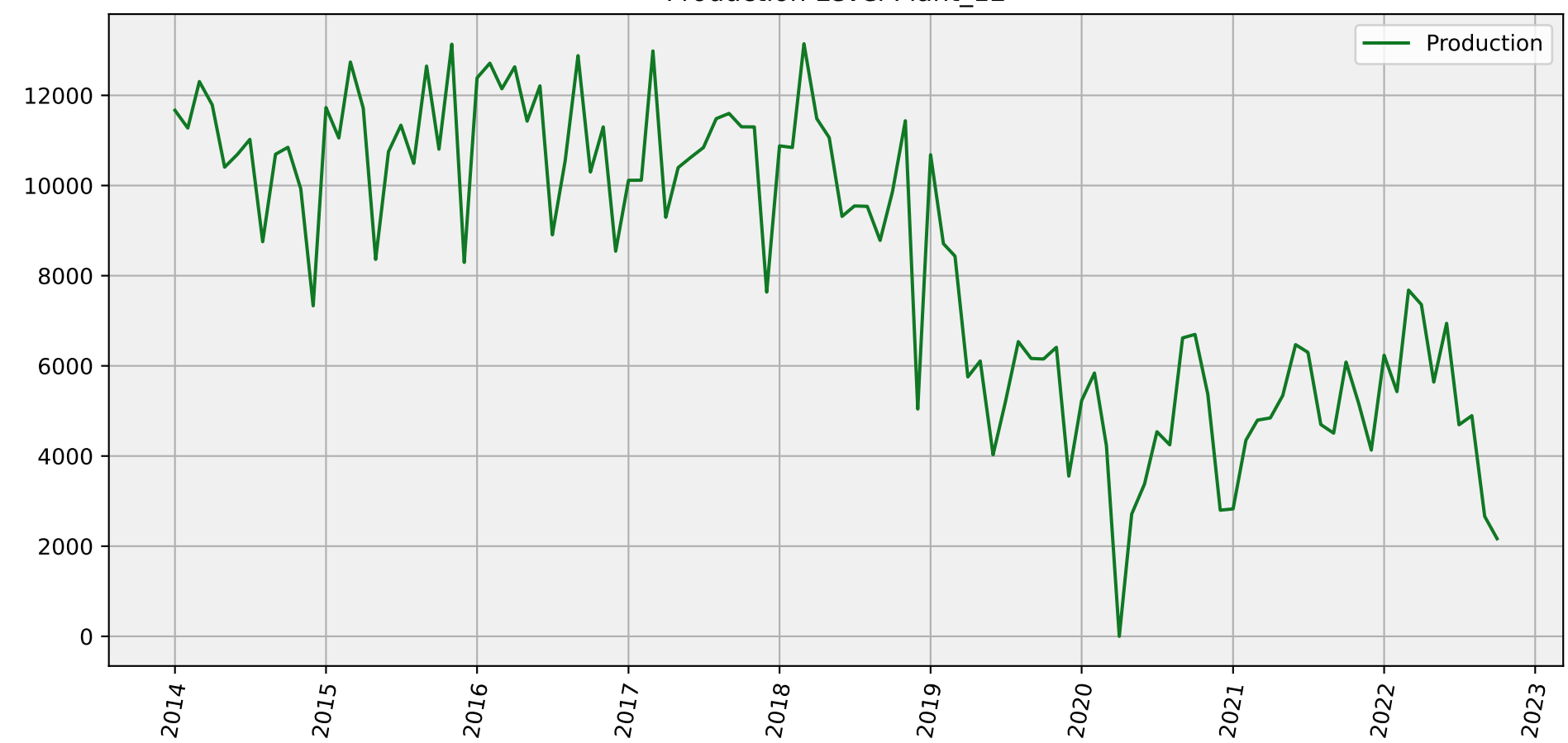
Volume/Production Ratio Provider_27-Plant_11



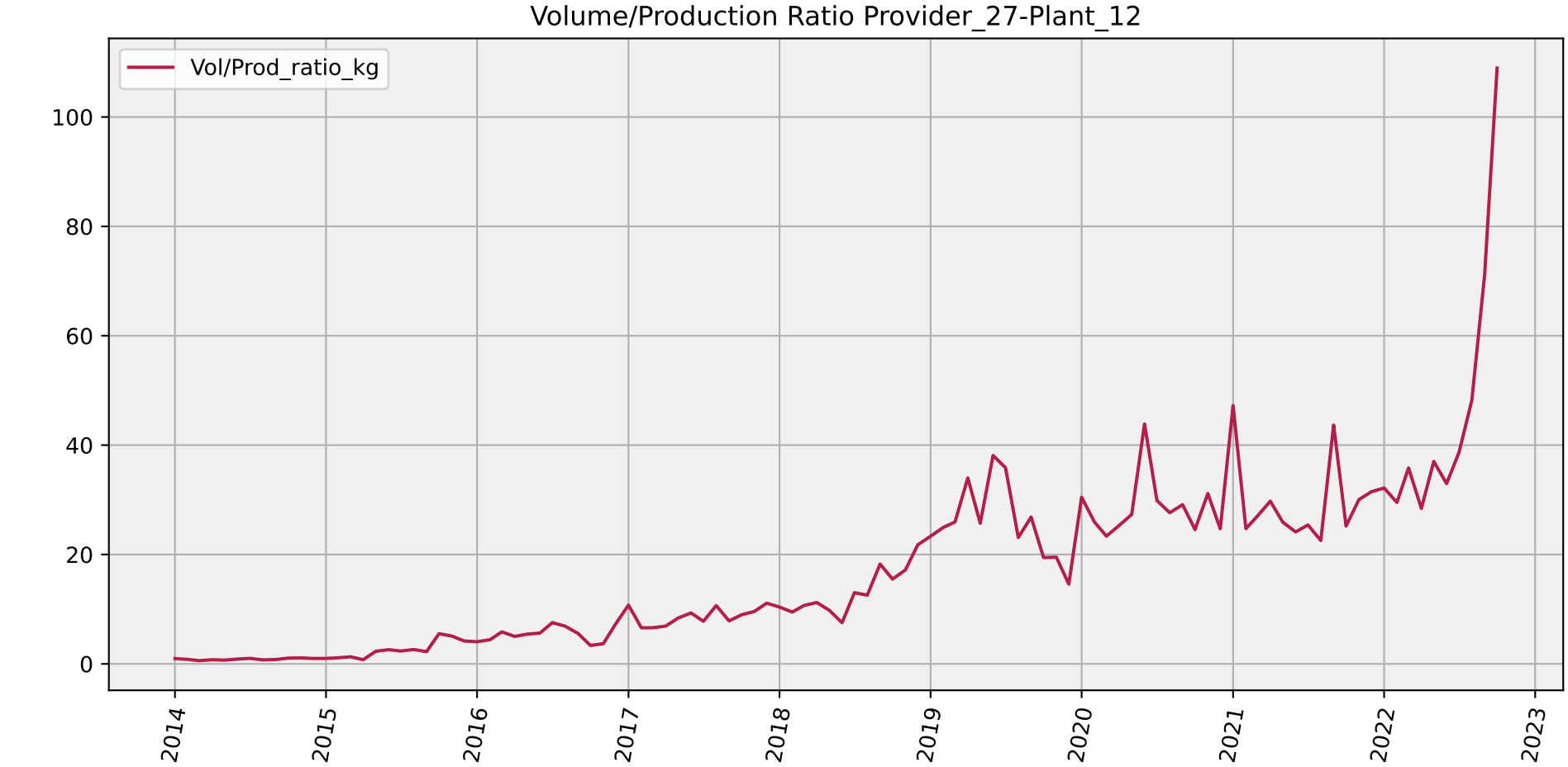
Incoming Volume Provider_27-Plant_12



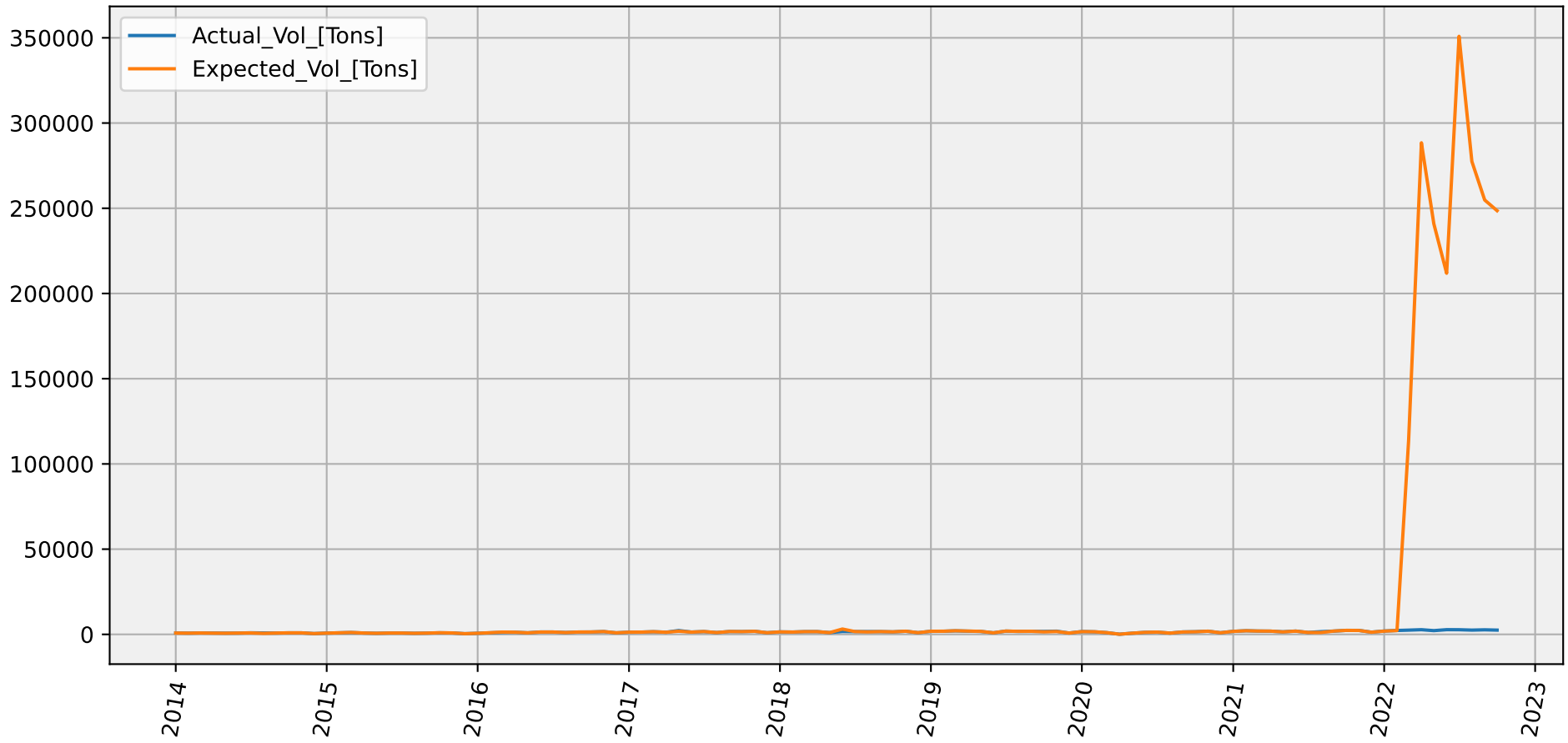
Production Level Plant_12



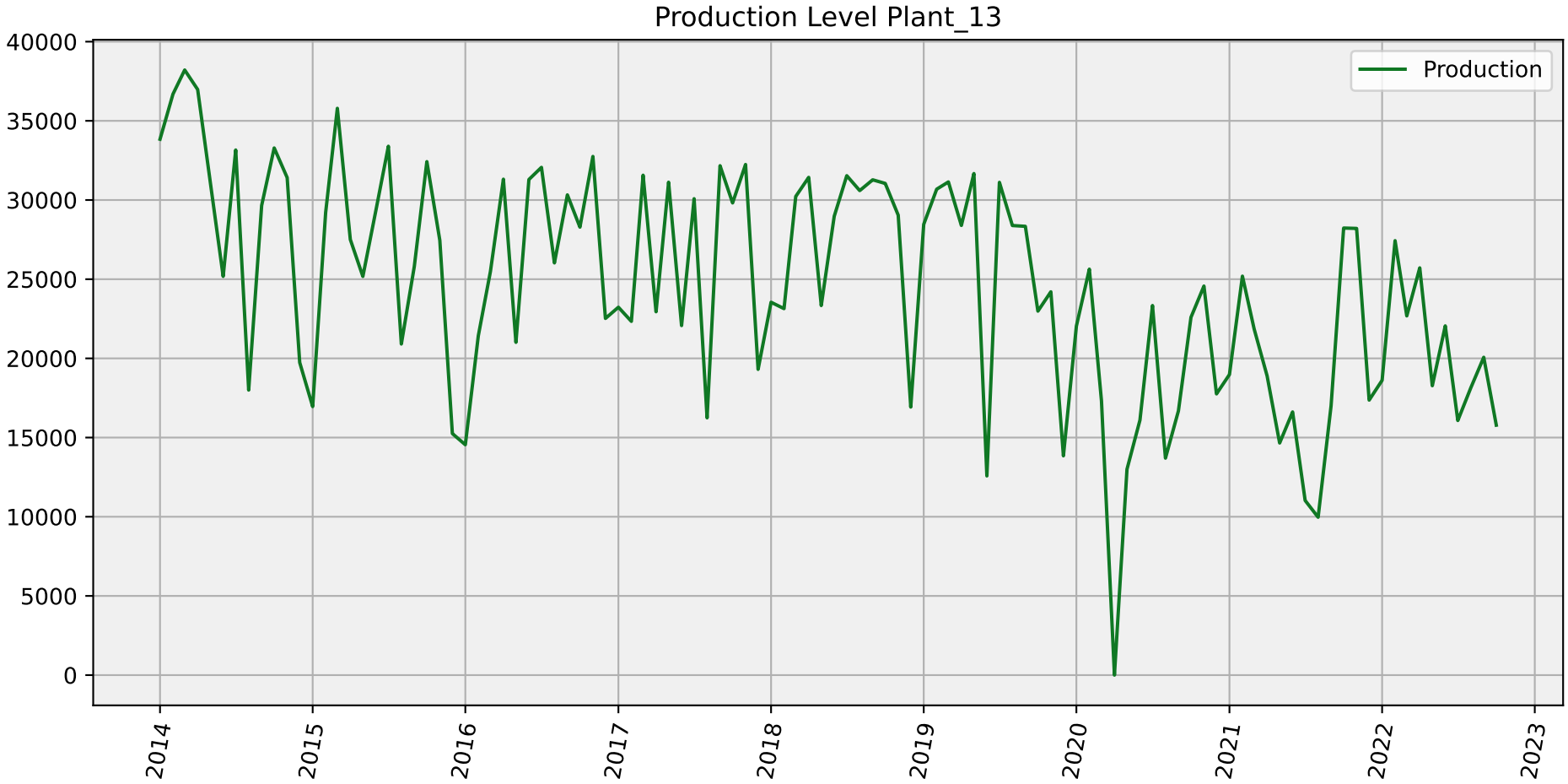
Volume/Production Ratio Provider_27-Plant_12



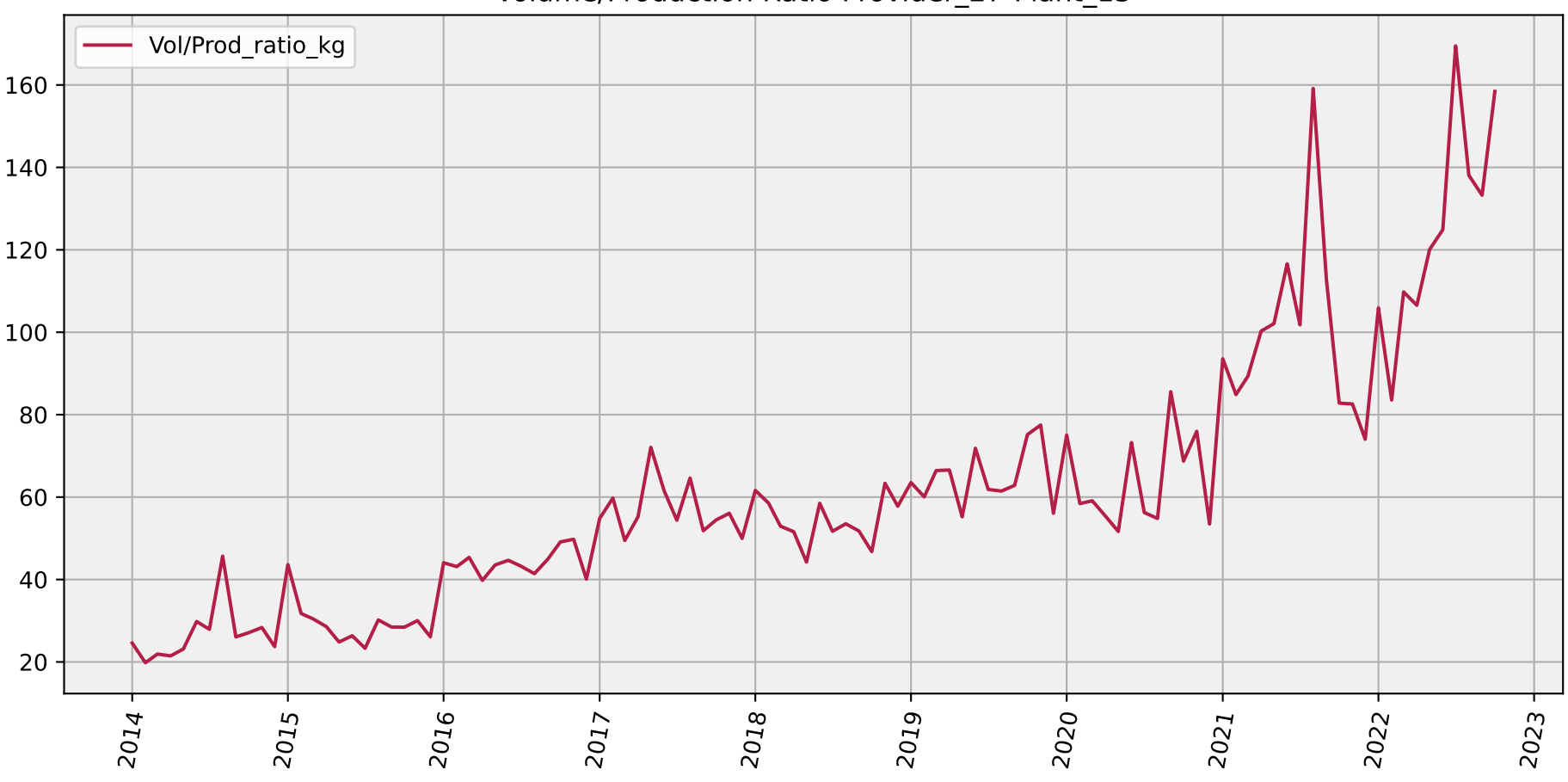
Incoming Volume Provider_27-Plant_13

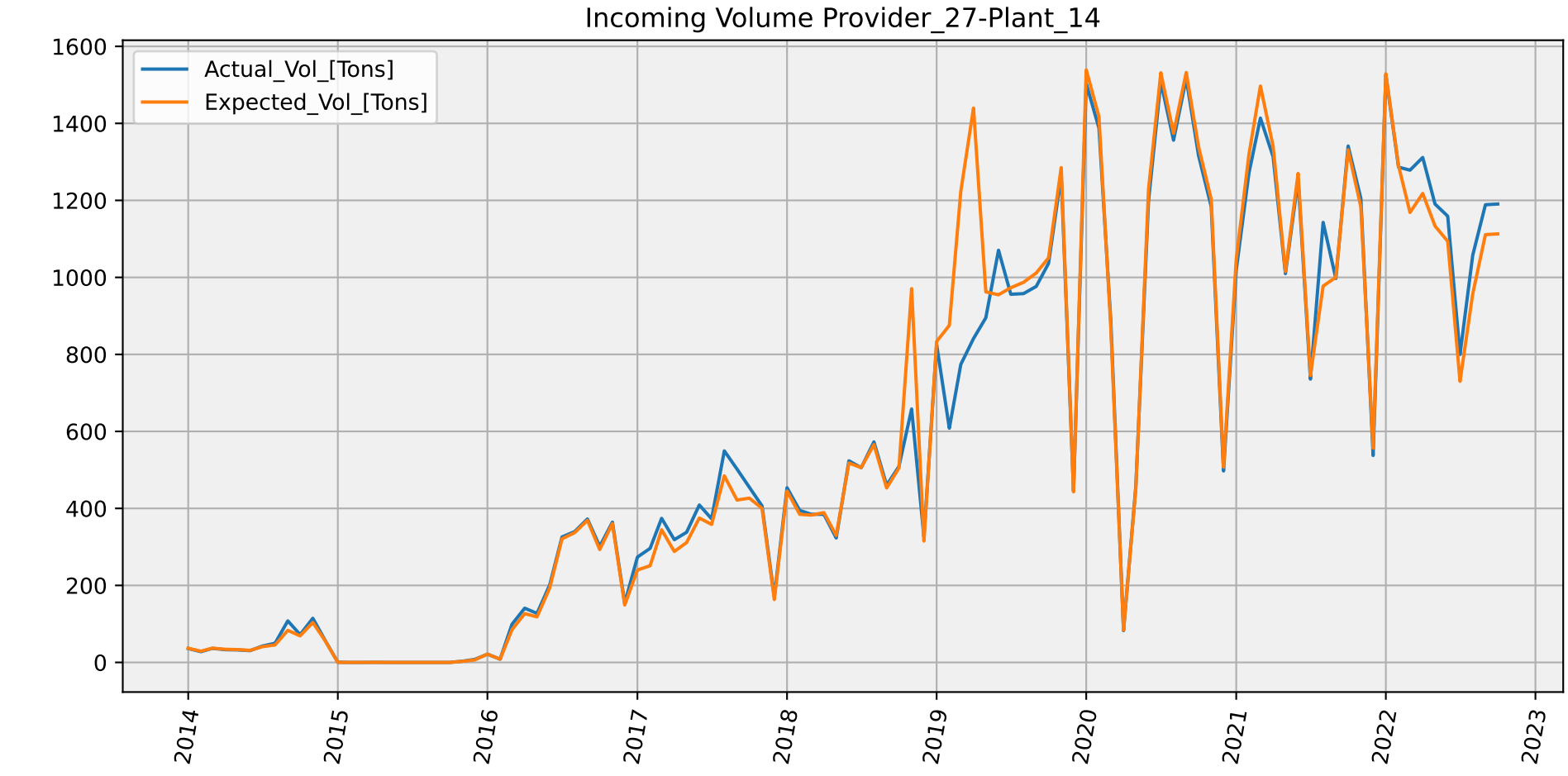


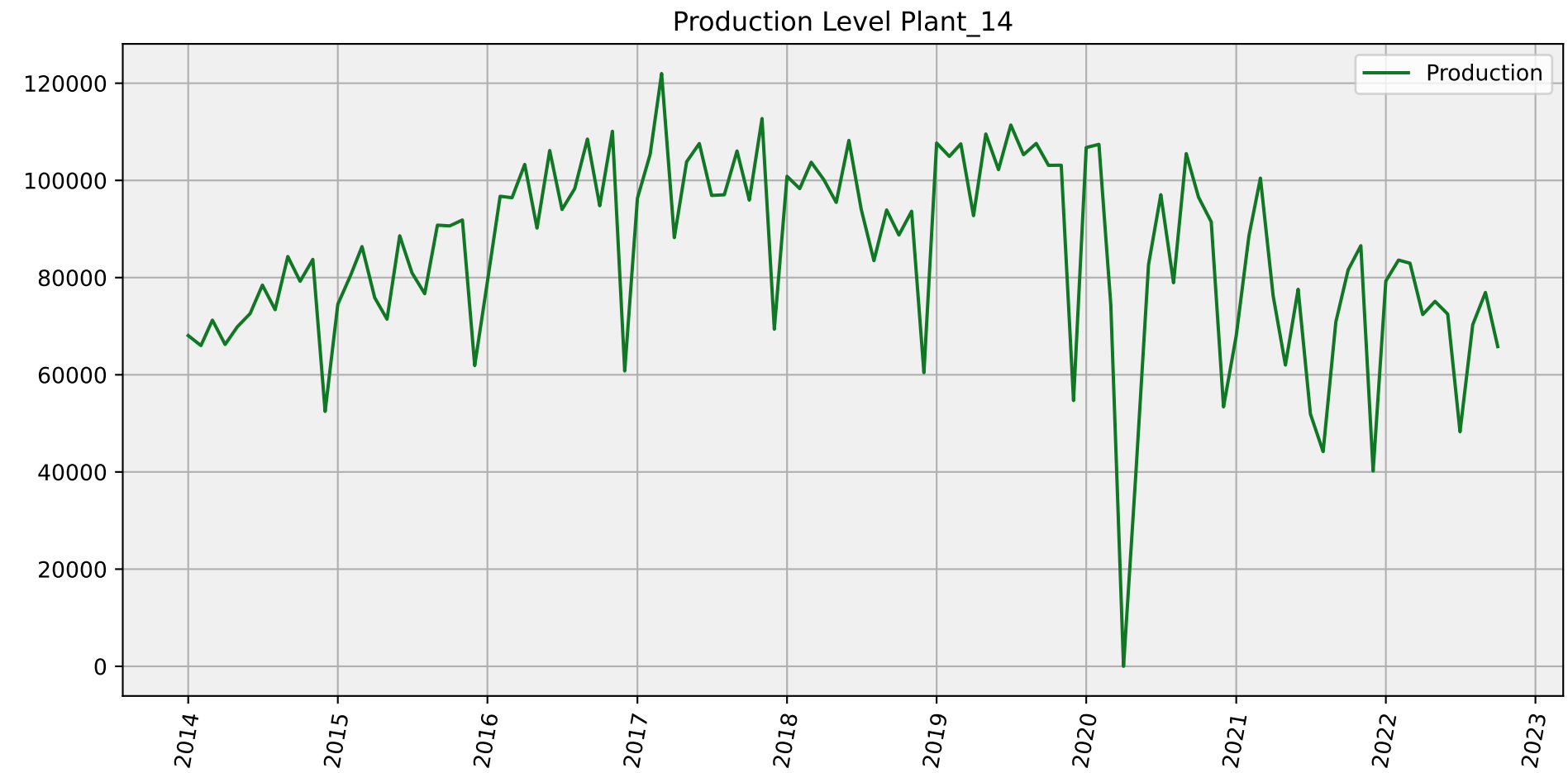
Production Level Plant_13

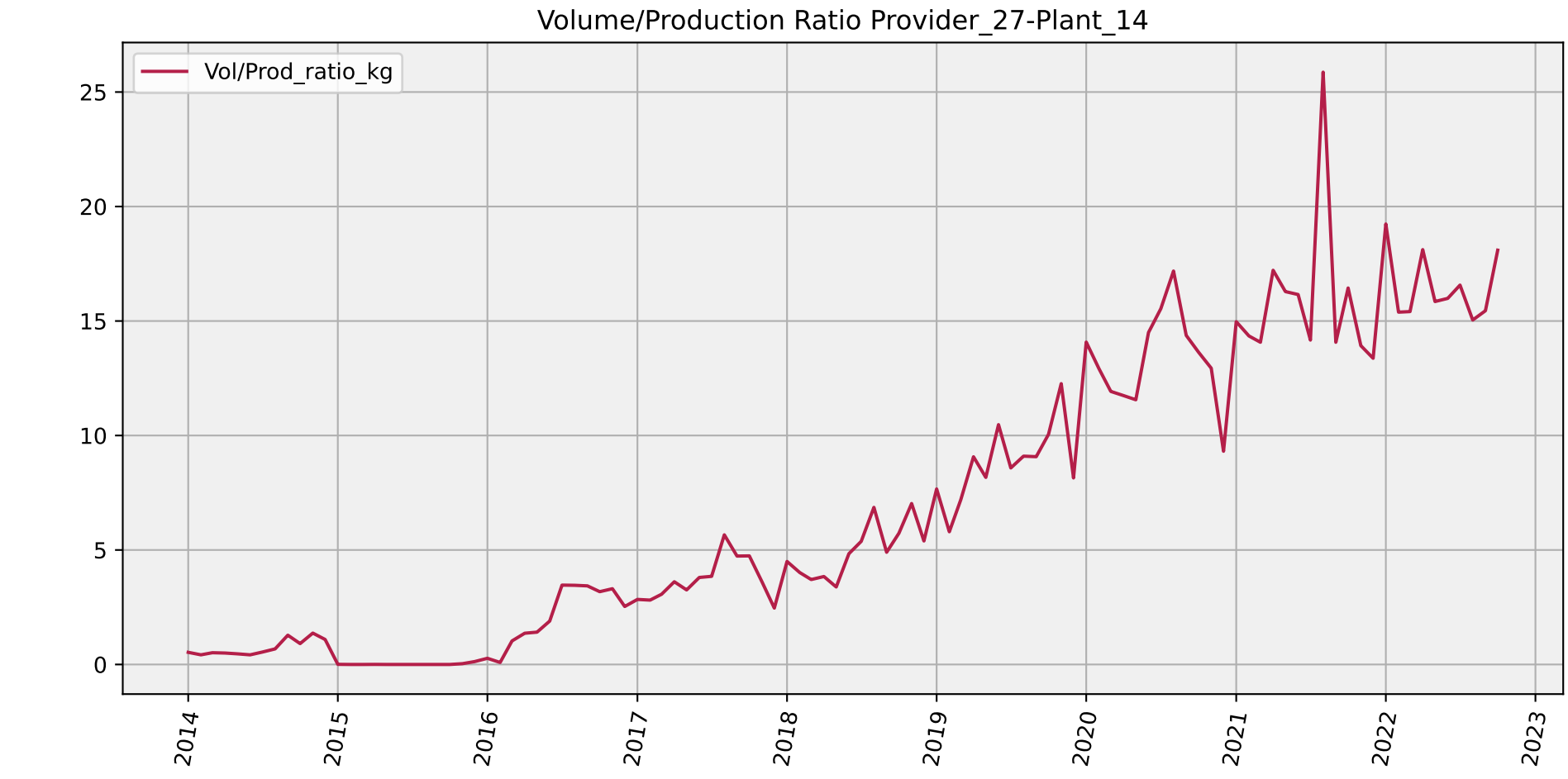


Volume/Production Ratio Provider_27-Plant_13

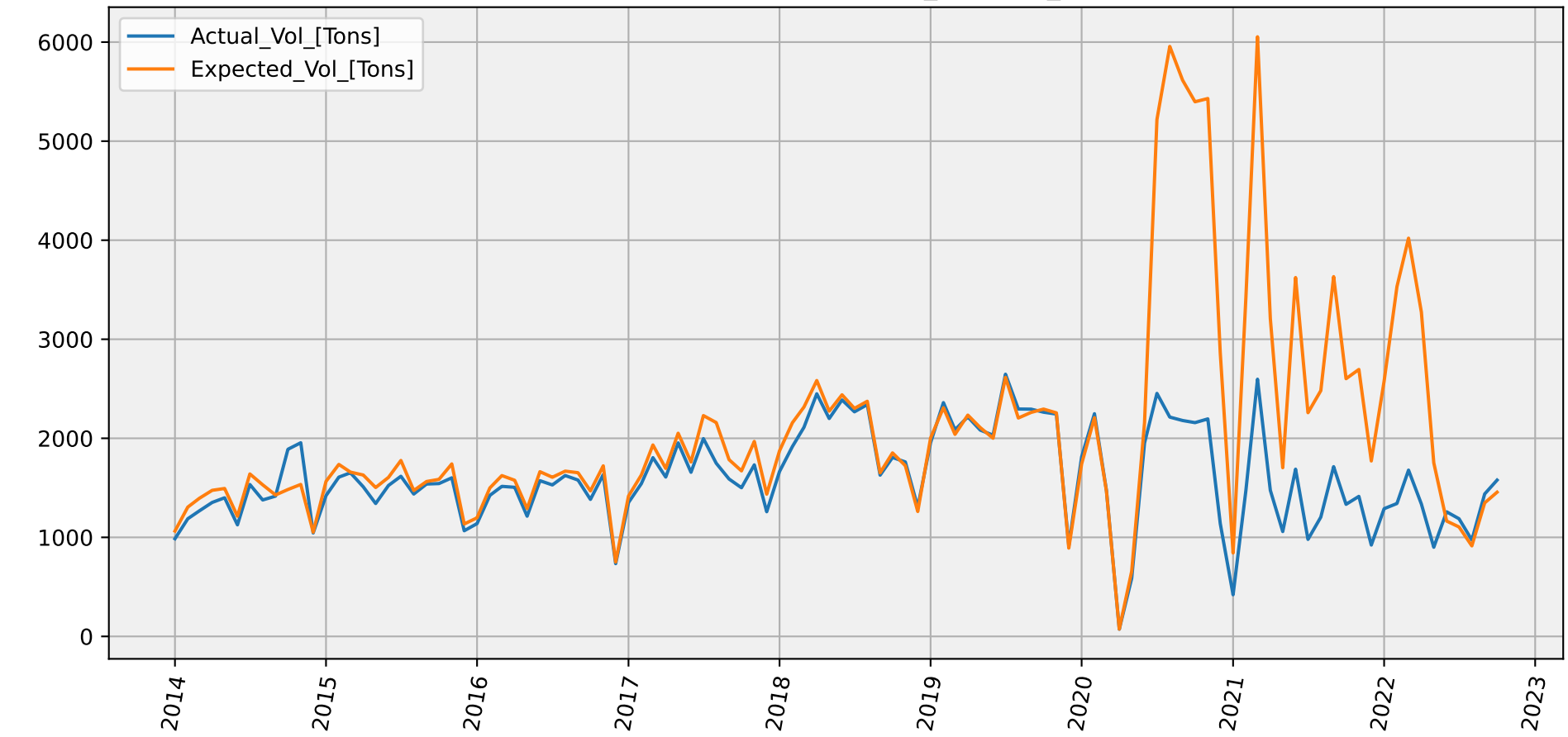



Incoming Volume Provider_27-Plant_14
Actual_Vol_[Tons]
Expected_Vol_[Tons]
1600
1400
1200
1000
800
600
400
200
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

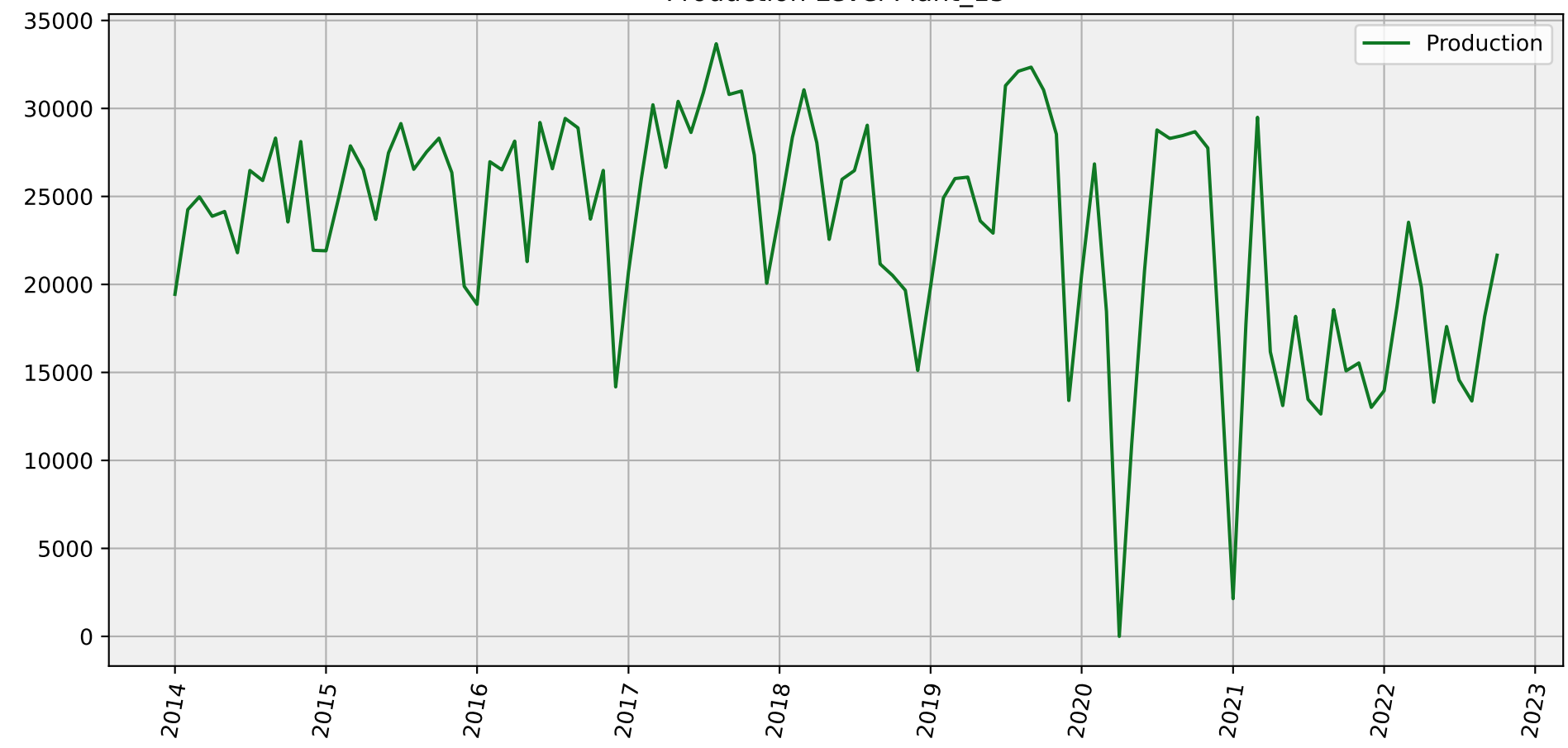

Production Level Plant_14
Production
120000
100000
80000
60000
40000
20000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_27-Plant_14
Vol/Prod_ratio_kg
25
20
15
10
5
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

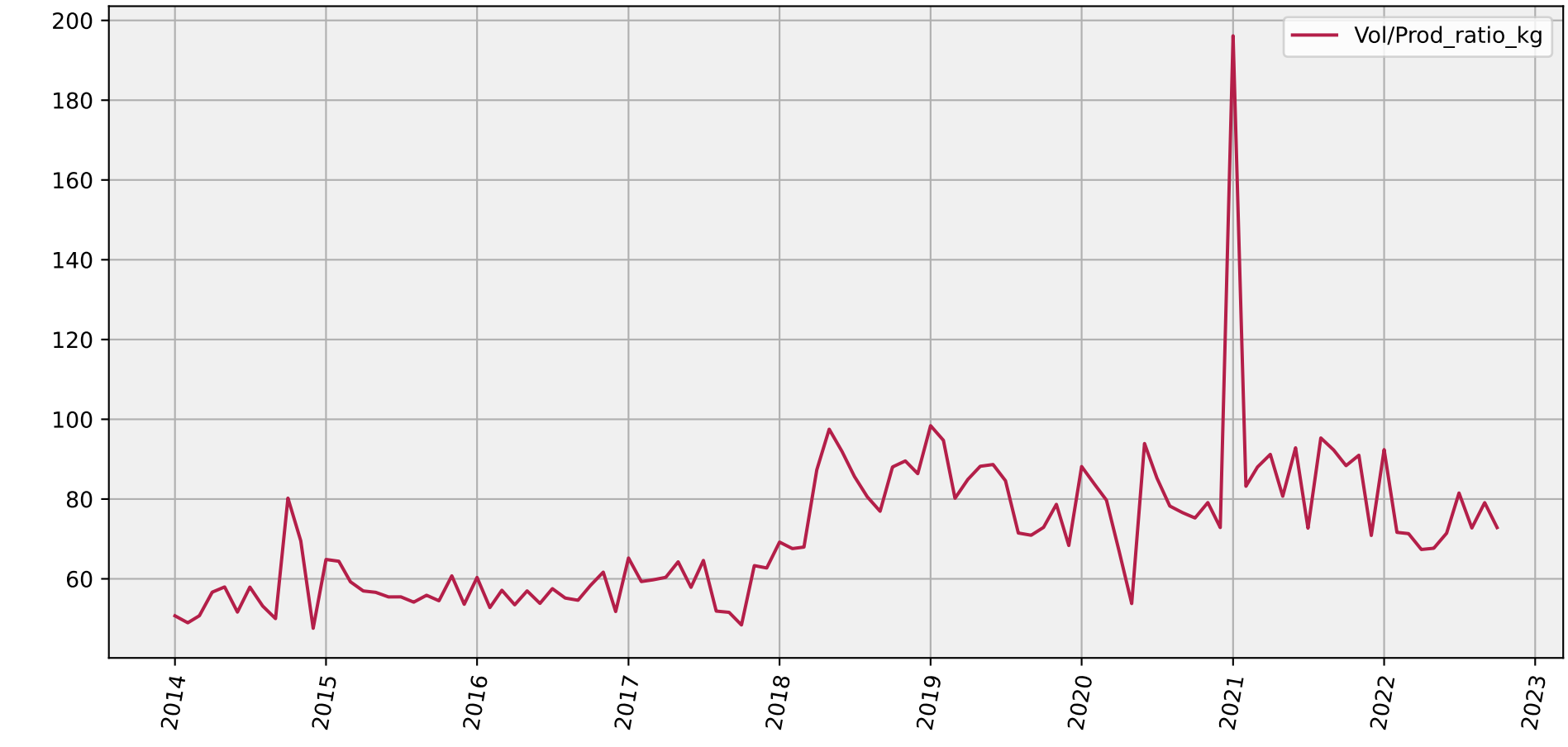
Incoming Volume Provider_27-Plant_15



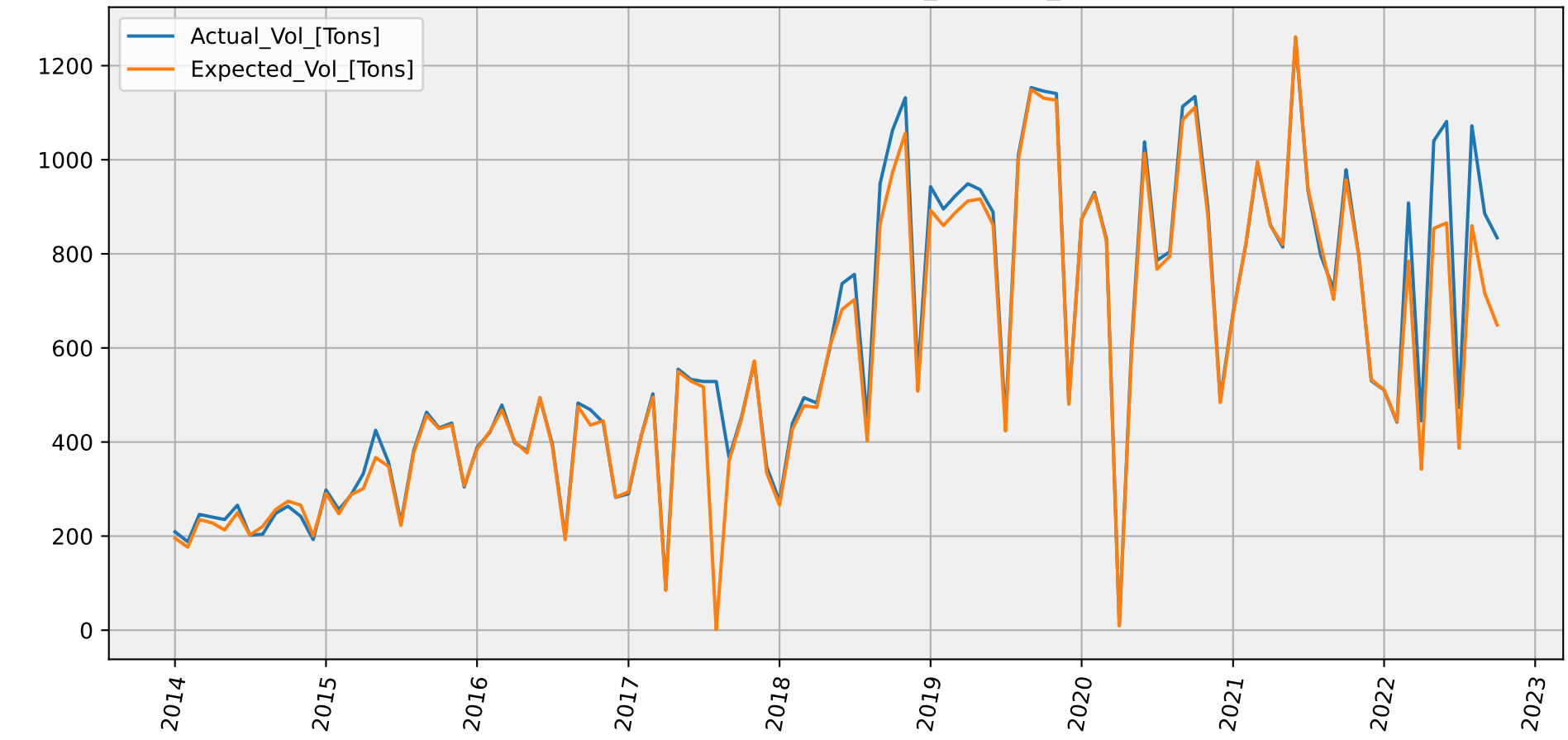
Production Level Plant_15



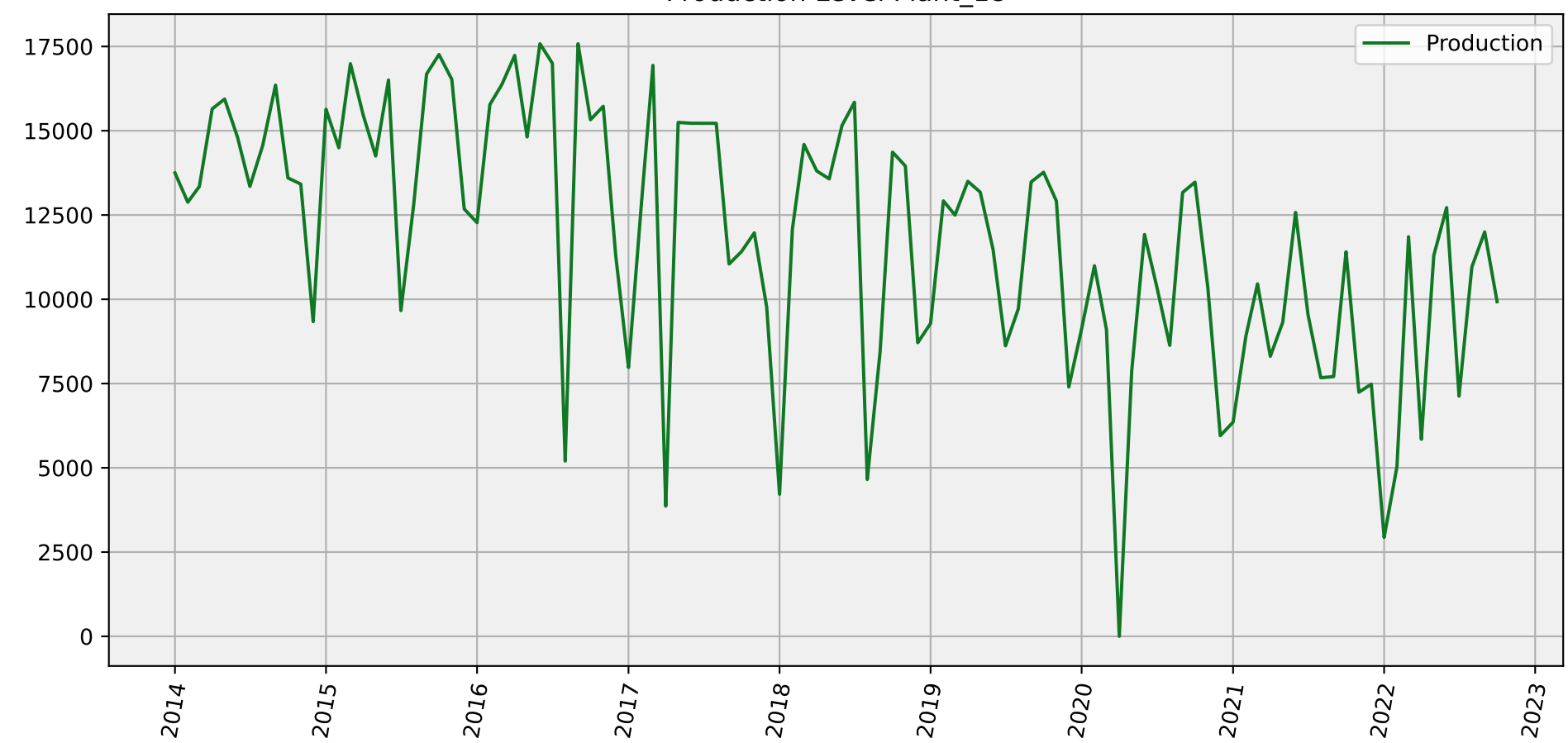
Volume/Production Ratio Provider_27-Plant_15



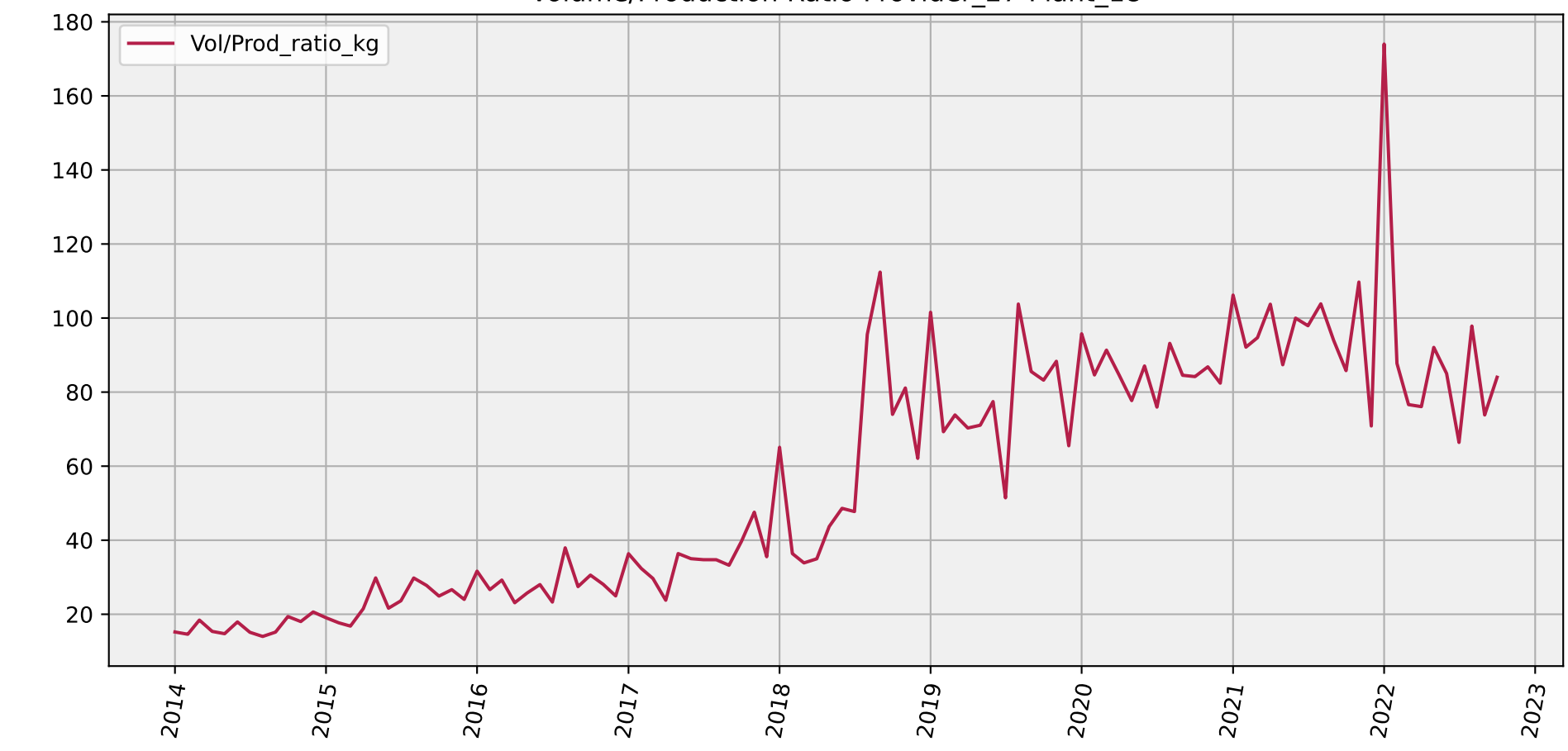
Incoming Volume Provider_27-Plant_18



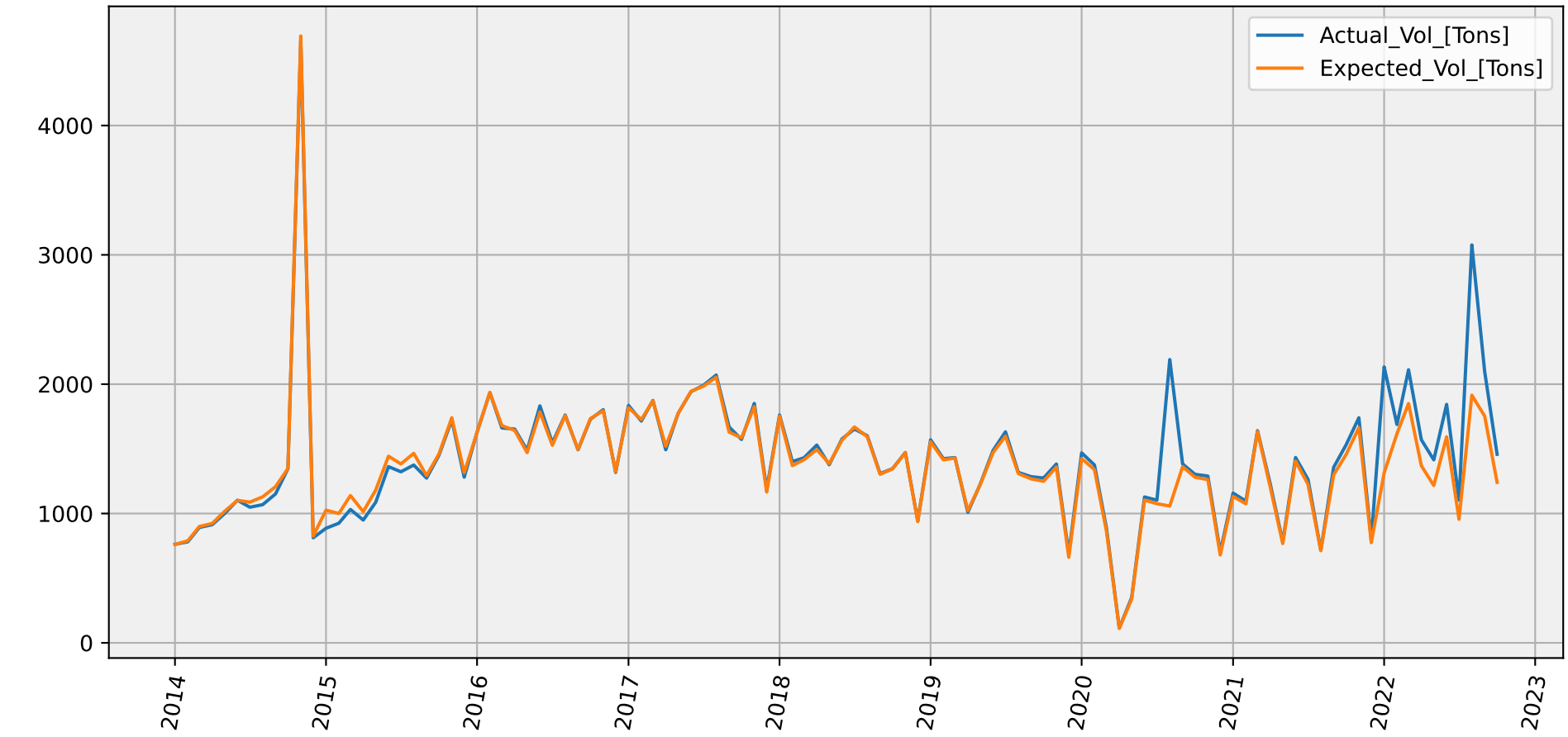
Production Level Plant_18



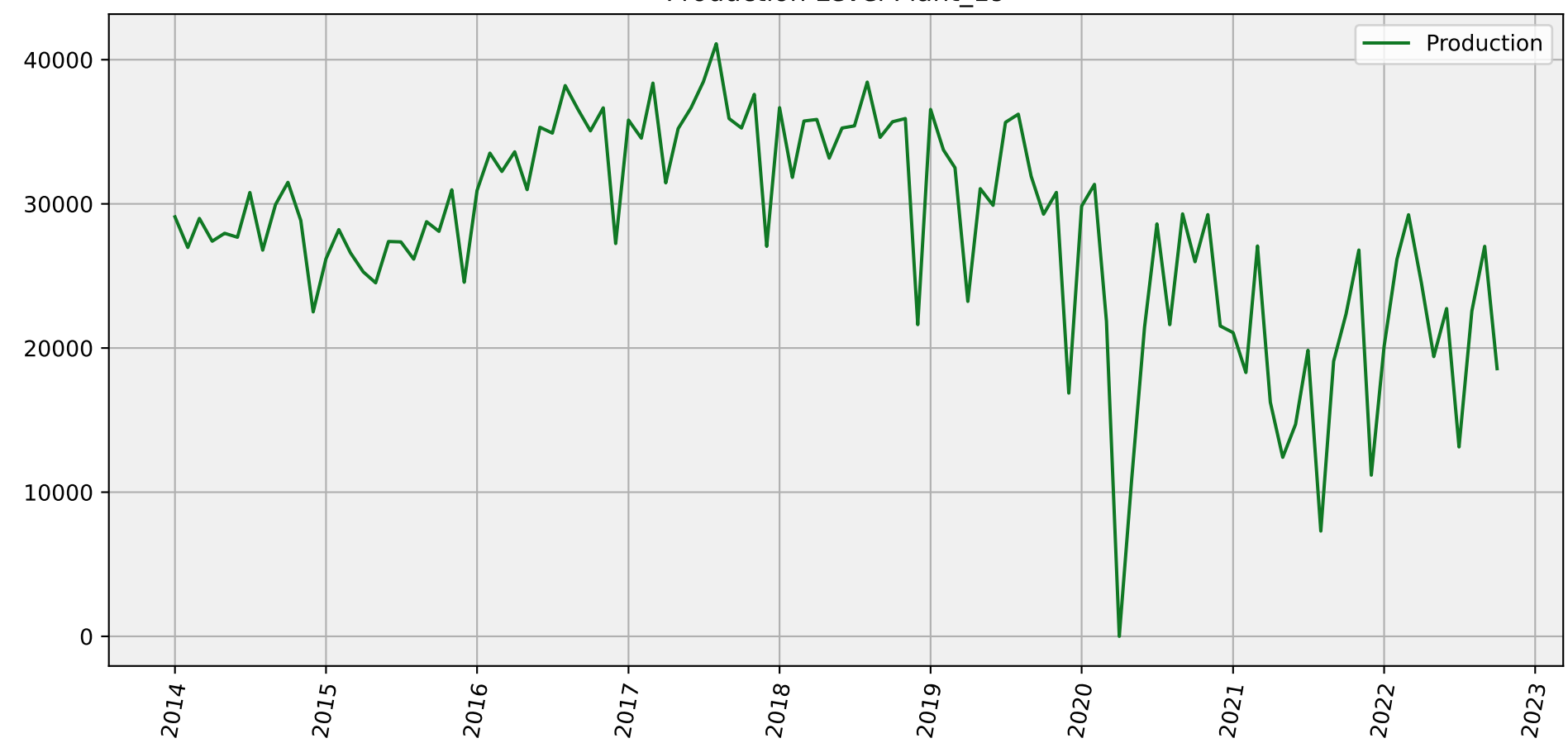
Volume/Production Ratio Provider_27-Plant_18



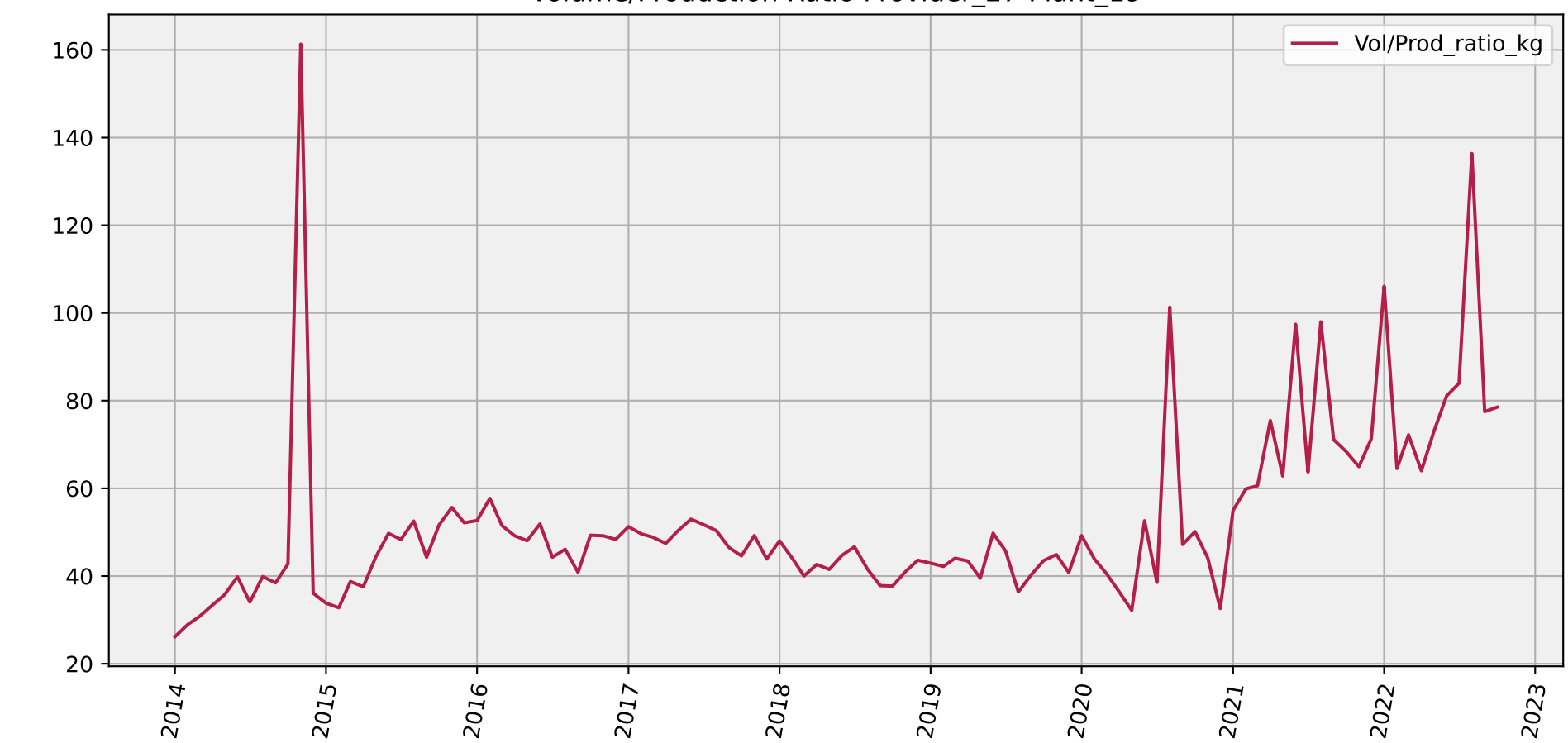
Incoming Volume Provider_27-Plant_19

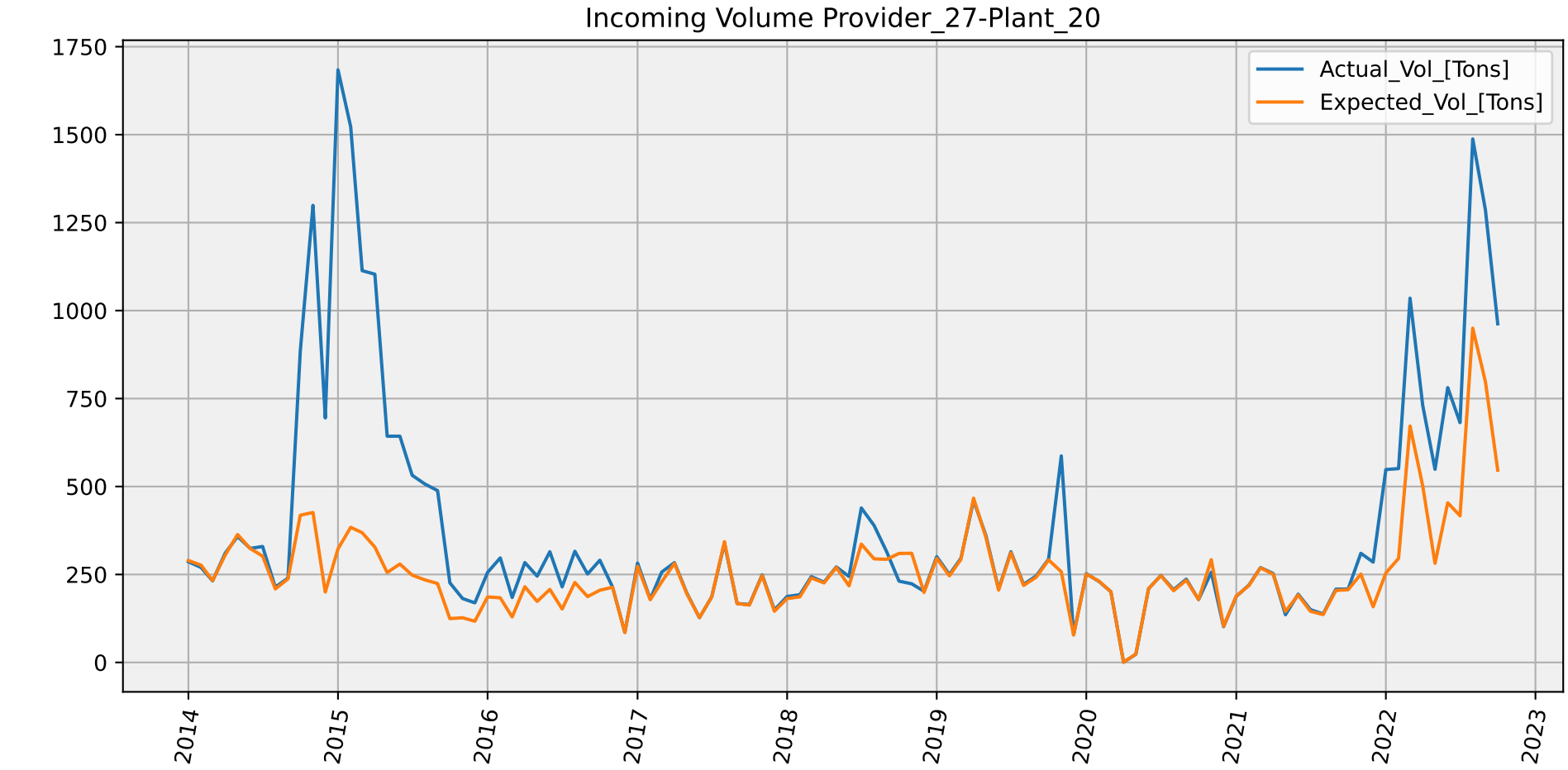


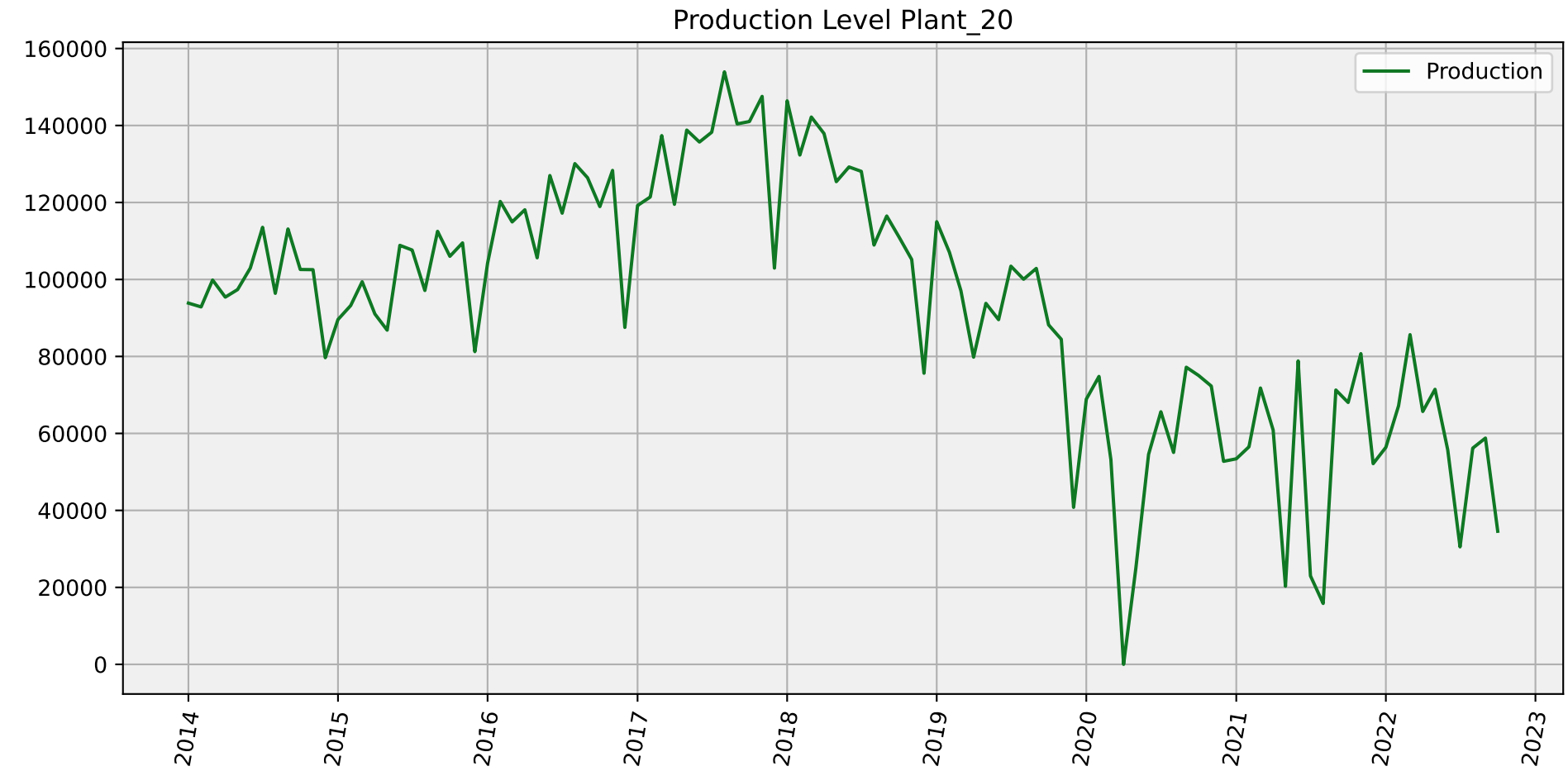
Production Level Plant_19

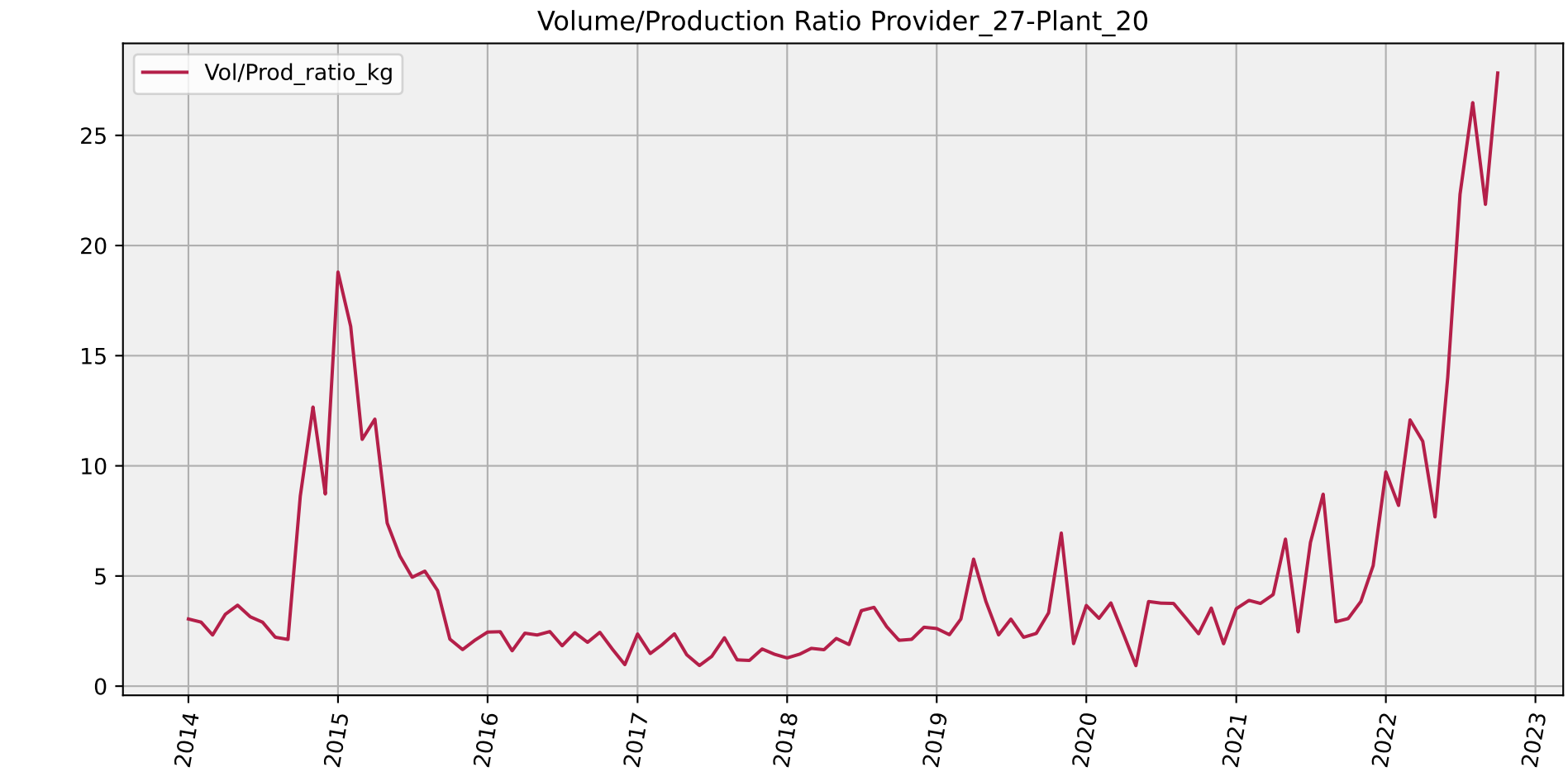


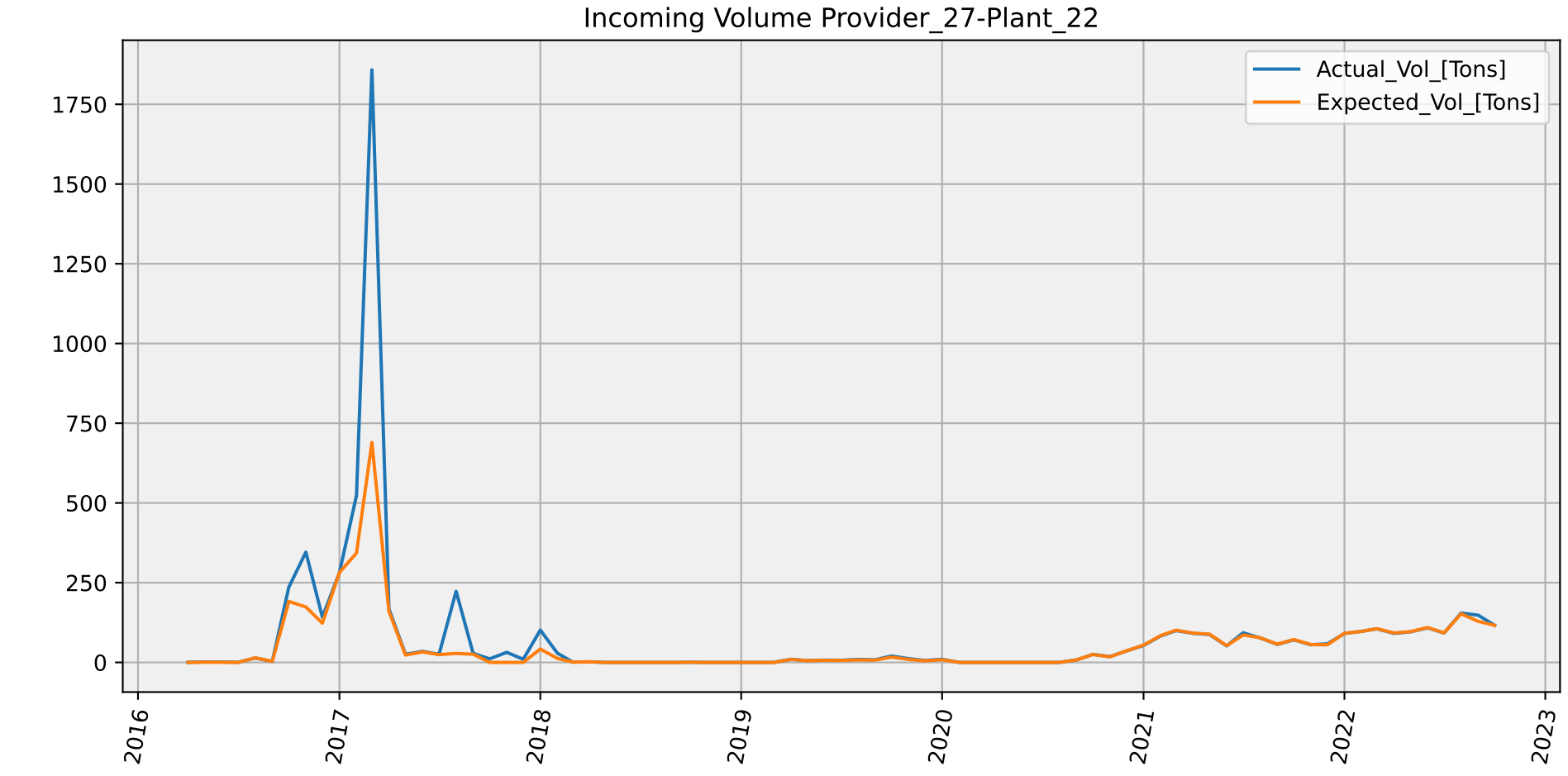
Volume/Production Ratio Provider_27-Plant_19

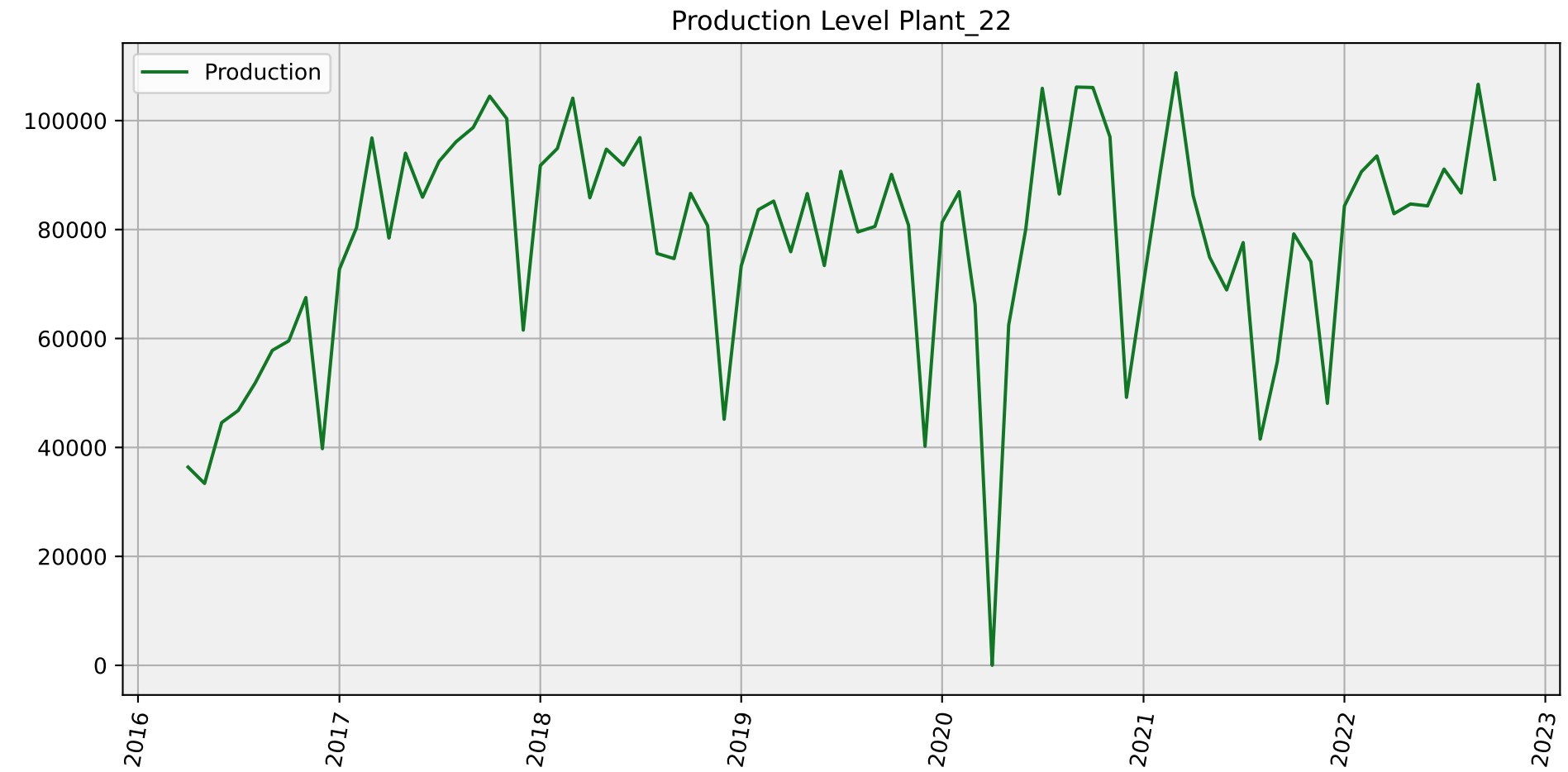


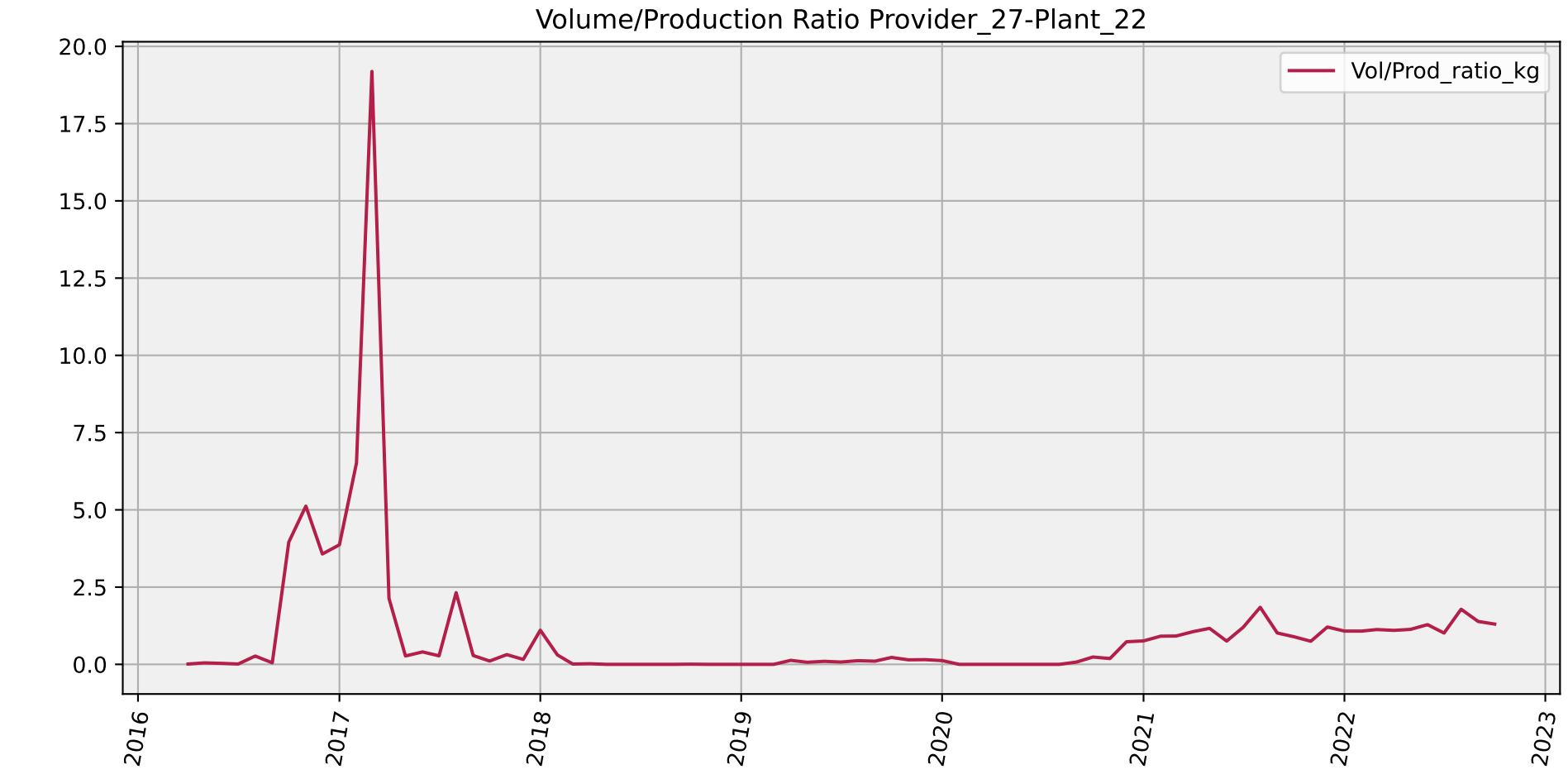

Incoming Volume Provider_27-Plant_20
Actual_Vol_[Tons]
Expected_Vol_[Tons]
1750
1500
1250
1000
750
500
250
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Production Level Plant_20
Production
160000
140000
120000
100000
80000
60000
40000
20000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

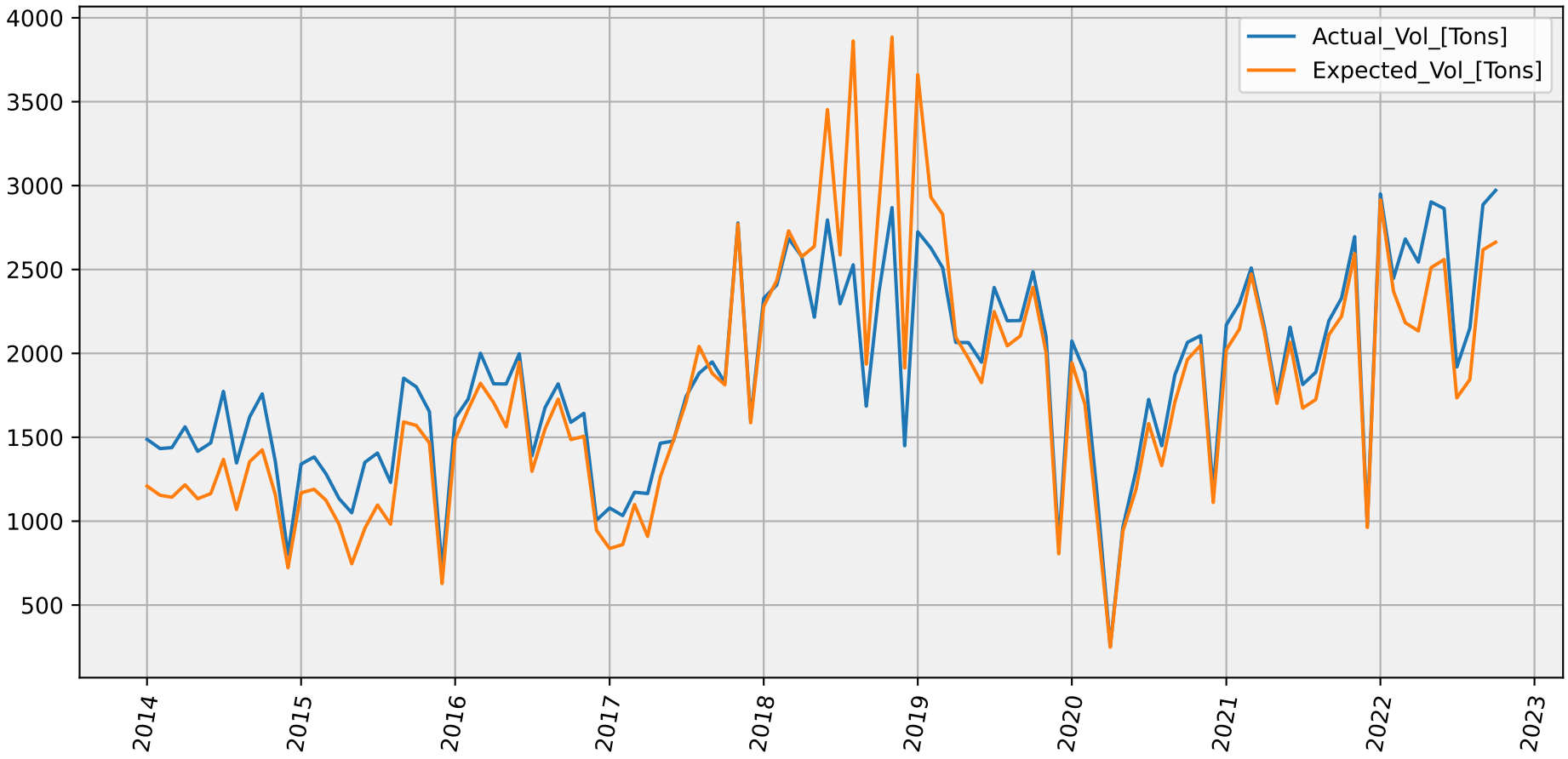

Volume/Production Ratio Provider_27-Plant_20
Vol/Prod_ratio_kg
25
20
15
10
5
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Incoming Volume Provider_27-Plant_22
Actual_Vol_[Tons]
Expected_Vol_[Tons]
1750
1500
1250
1000
750
500
250
0
2016
2017
2018
2019
2020
2021
2022
2023

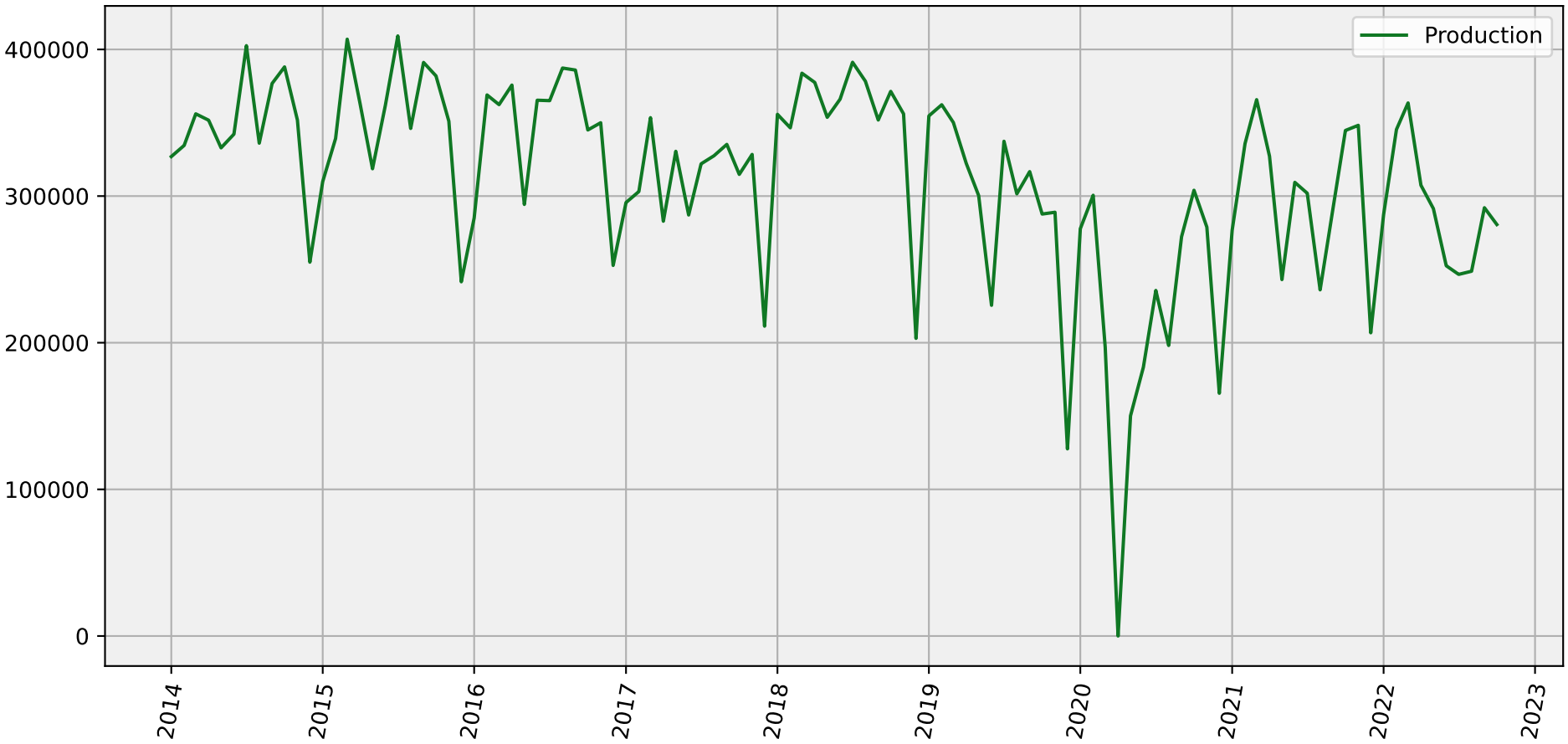

Production Level Plant_22
Production
100000
80000
60000
40000
20000
0
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_27-Plant_22
Vol/Prod_ratio_kg
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
2016
2017
2018
2019
2020
2021
2022
2023

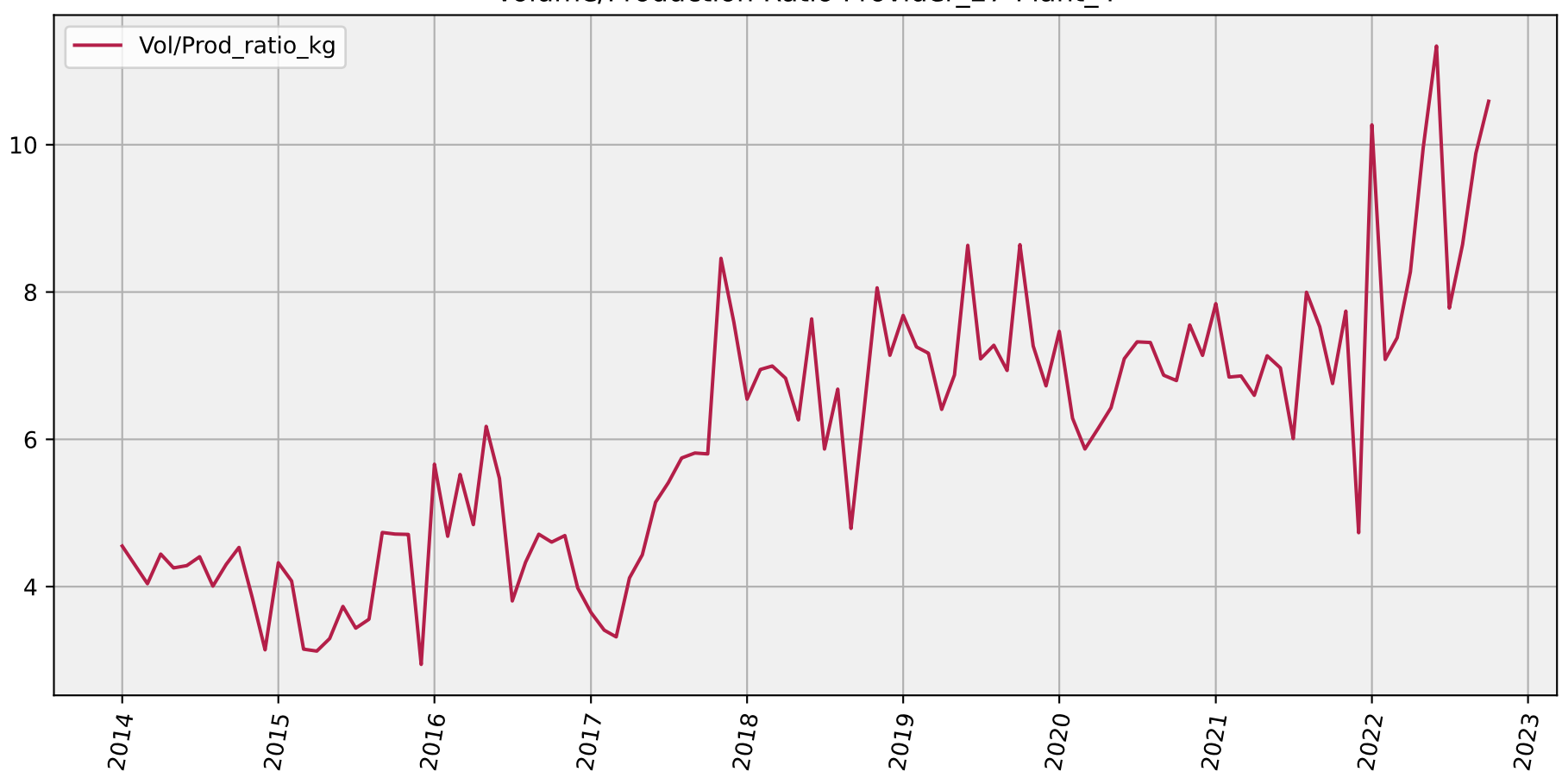
Incoming Volume Provider_27-Plant_4



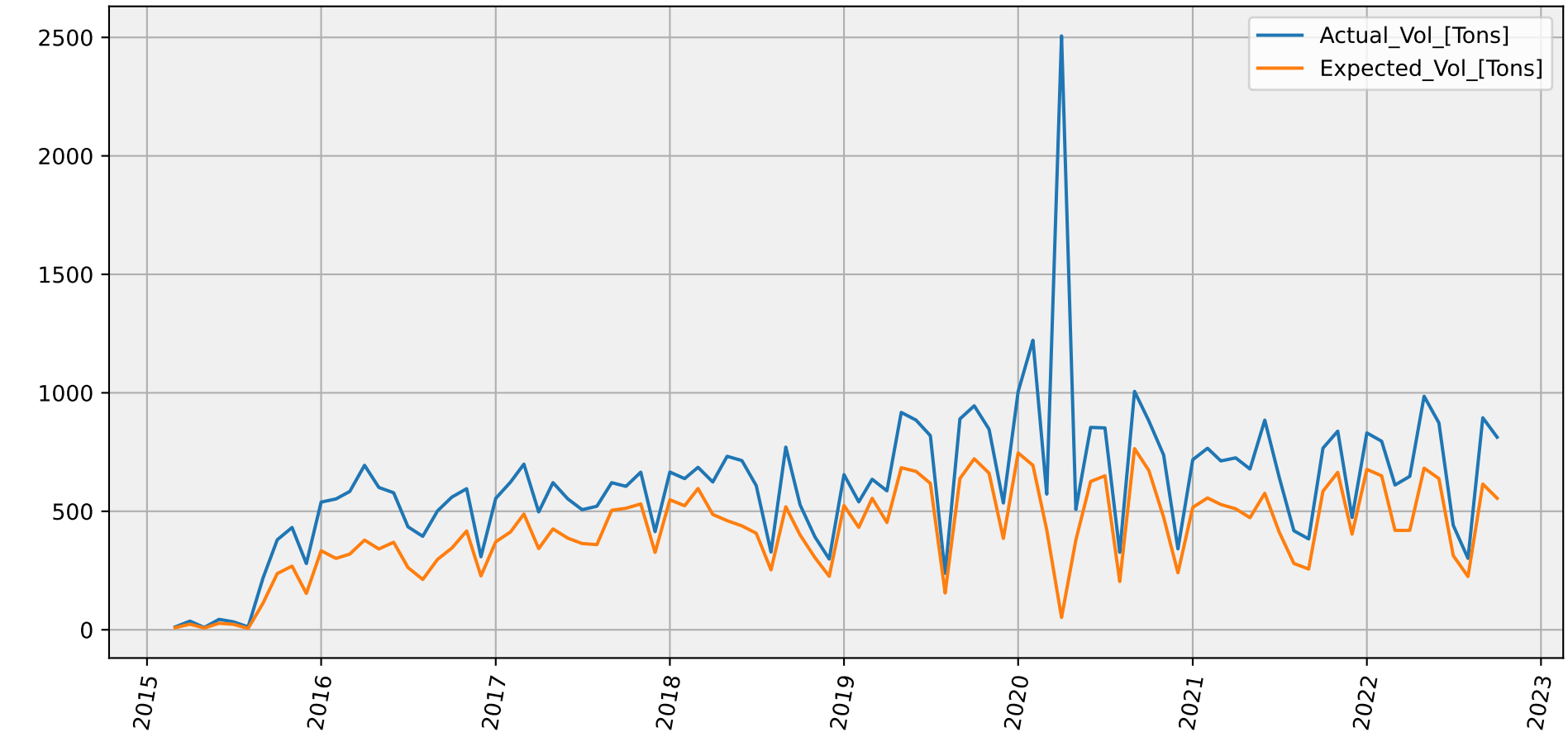
Production Level Plant_4



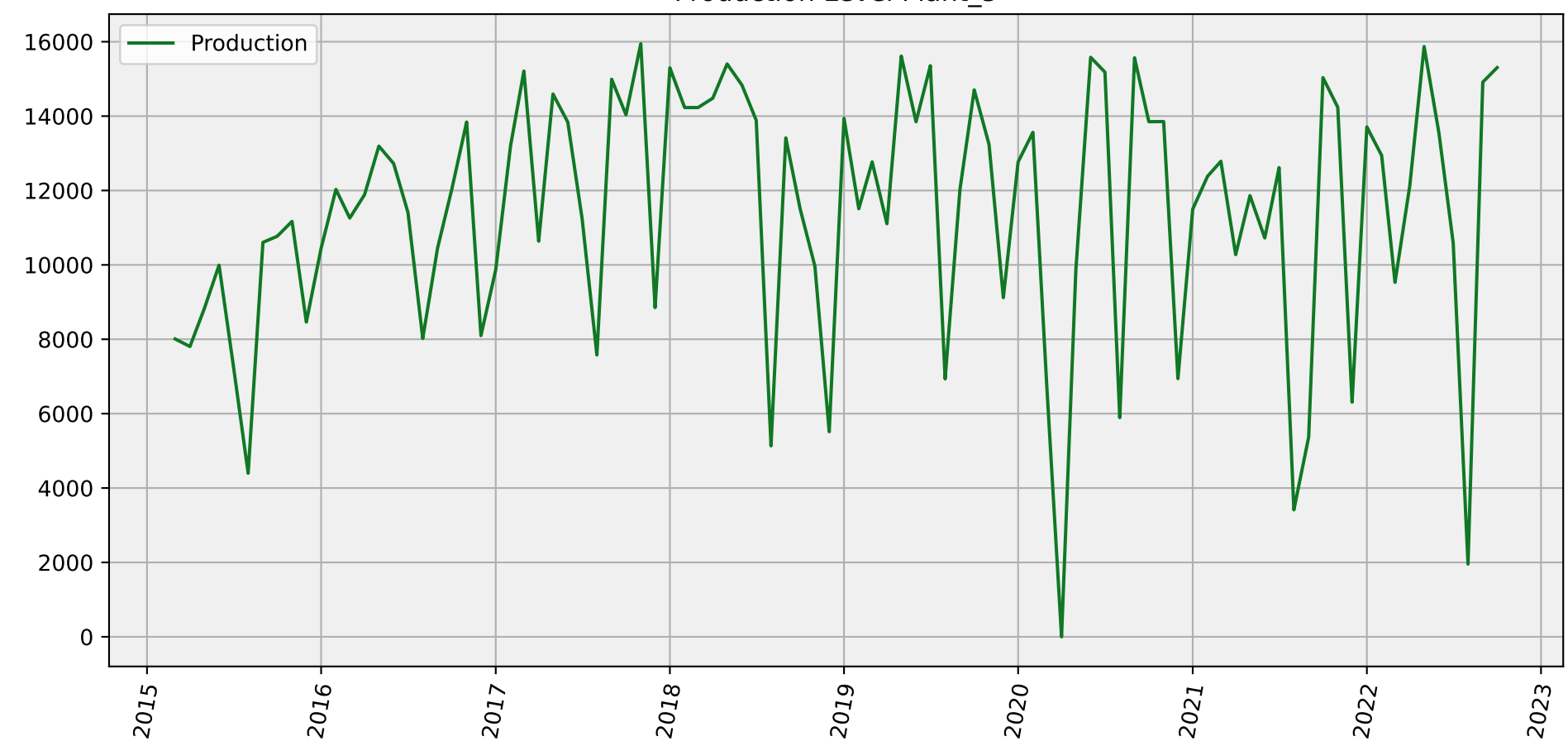
Volume/Production Ratio Provider_27-Plant_4



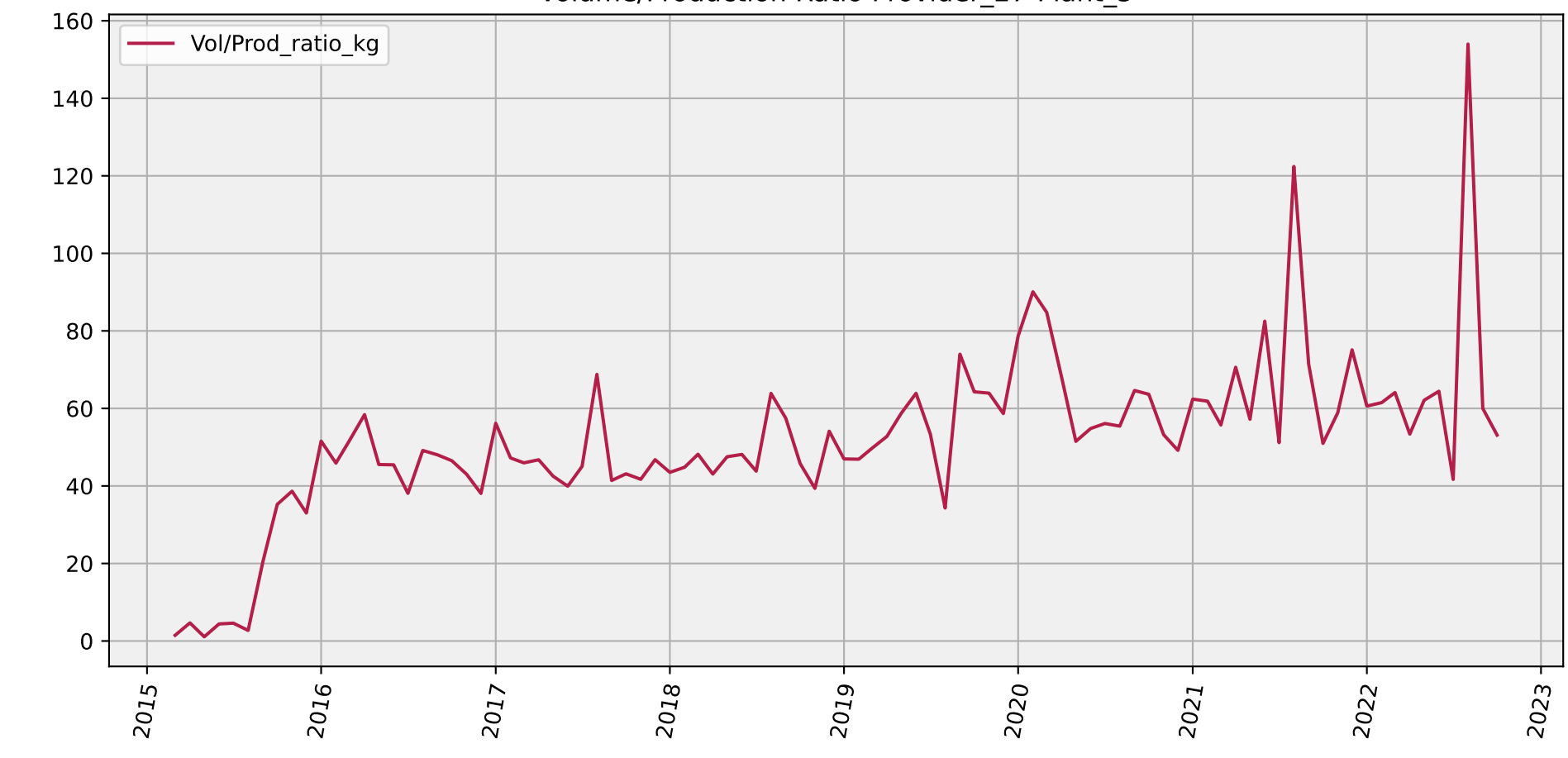
Incoming Volume Provider_27-Plant_5



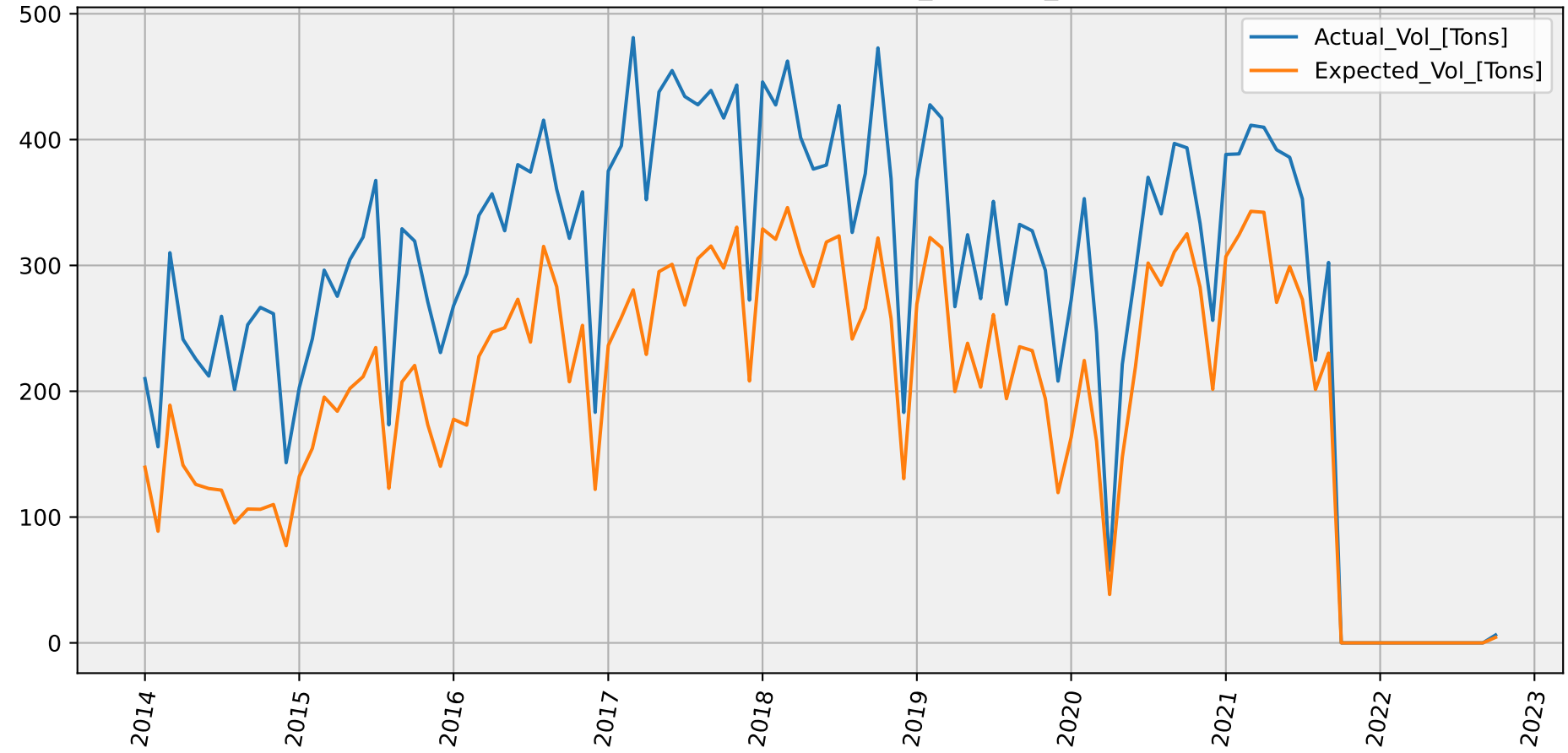
Production Level Plant_5



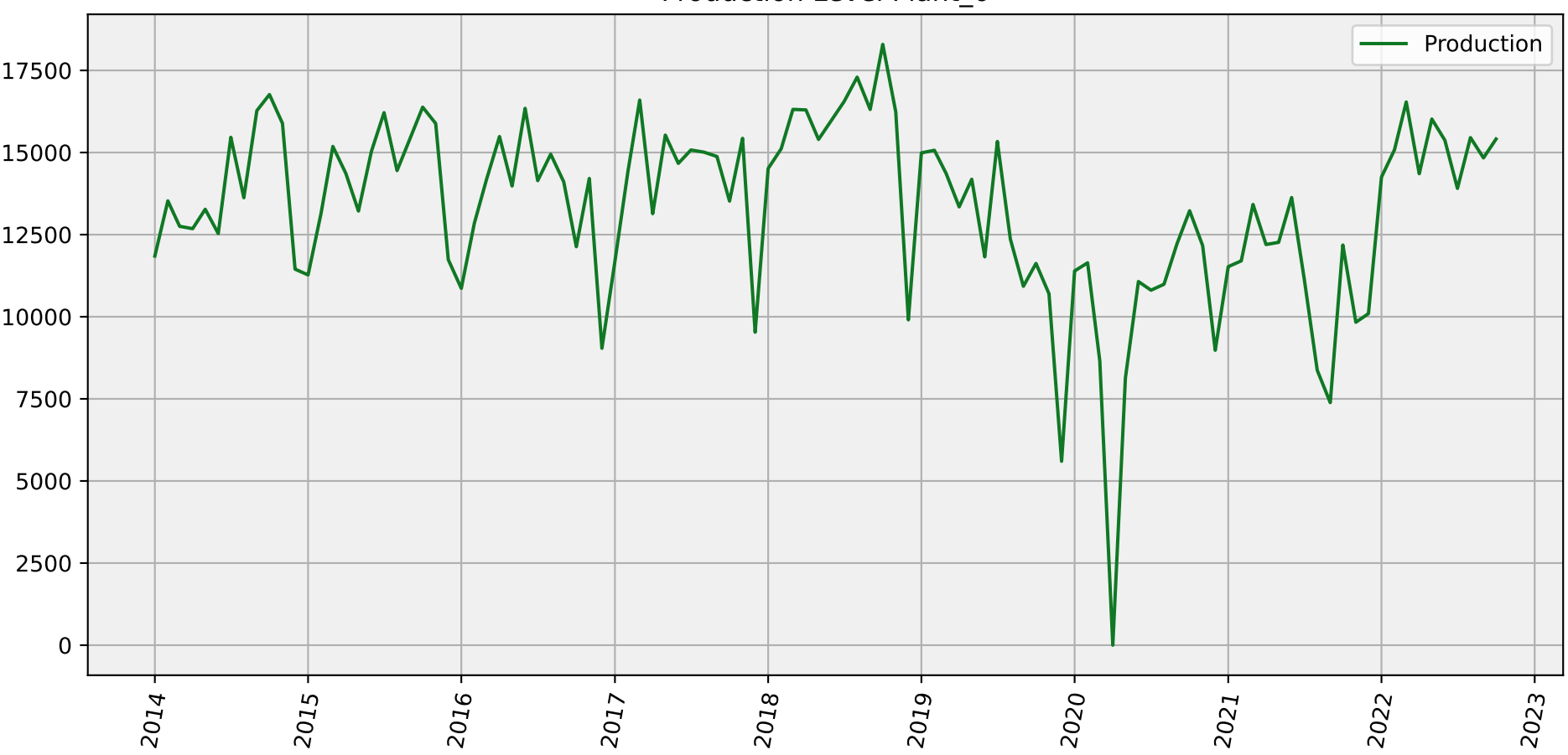
Volume/Production Ratio Provider_27-Plant_5



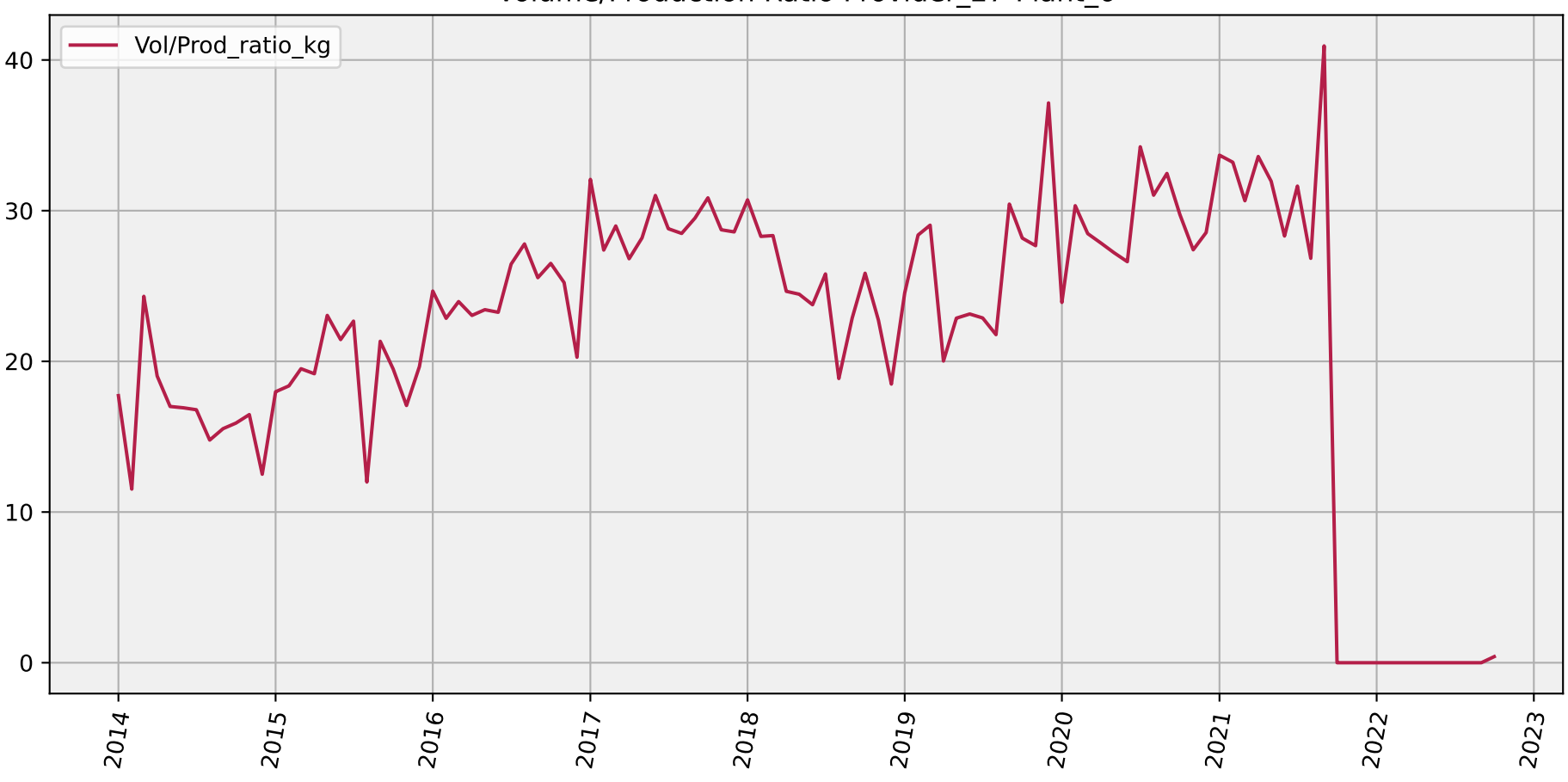
Incoming Volume Provider_27-Plant_6



Production Level Plant_6

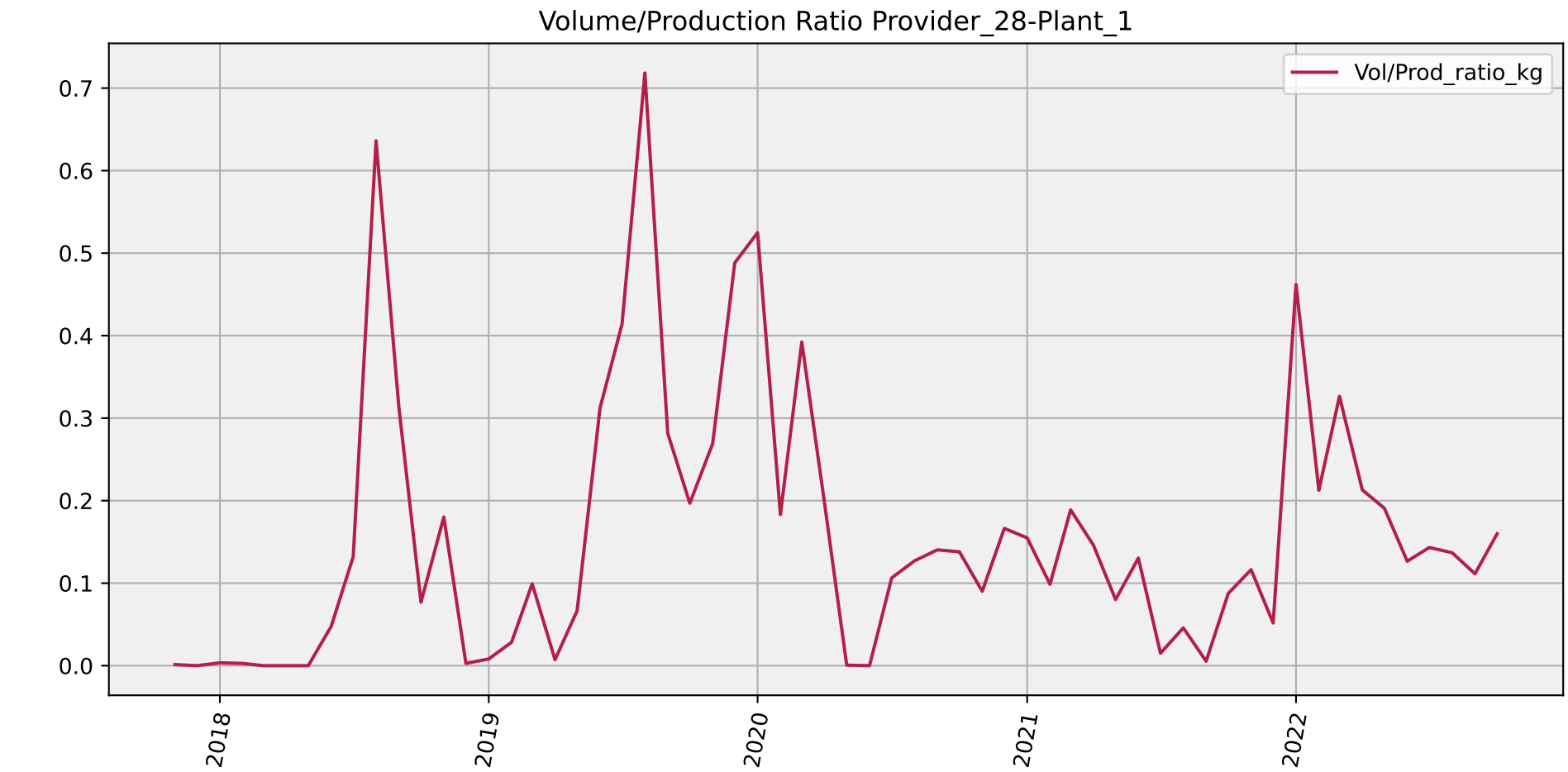


Volume/Production Ratio Provider_27-Plant_6

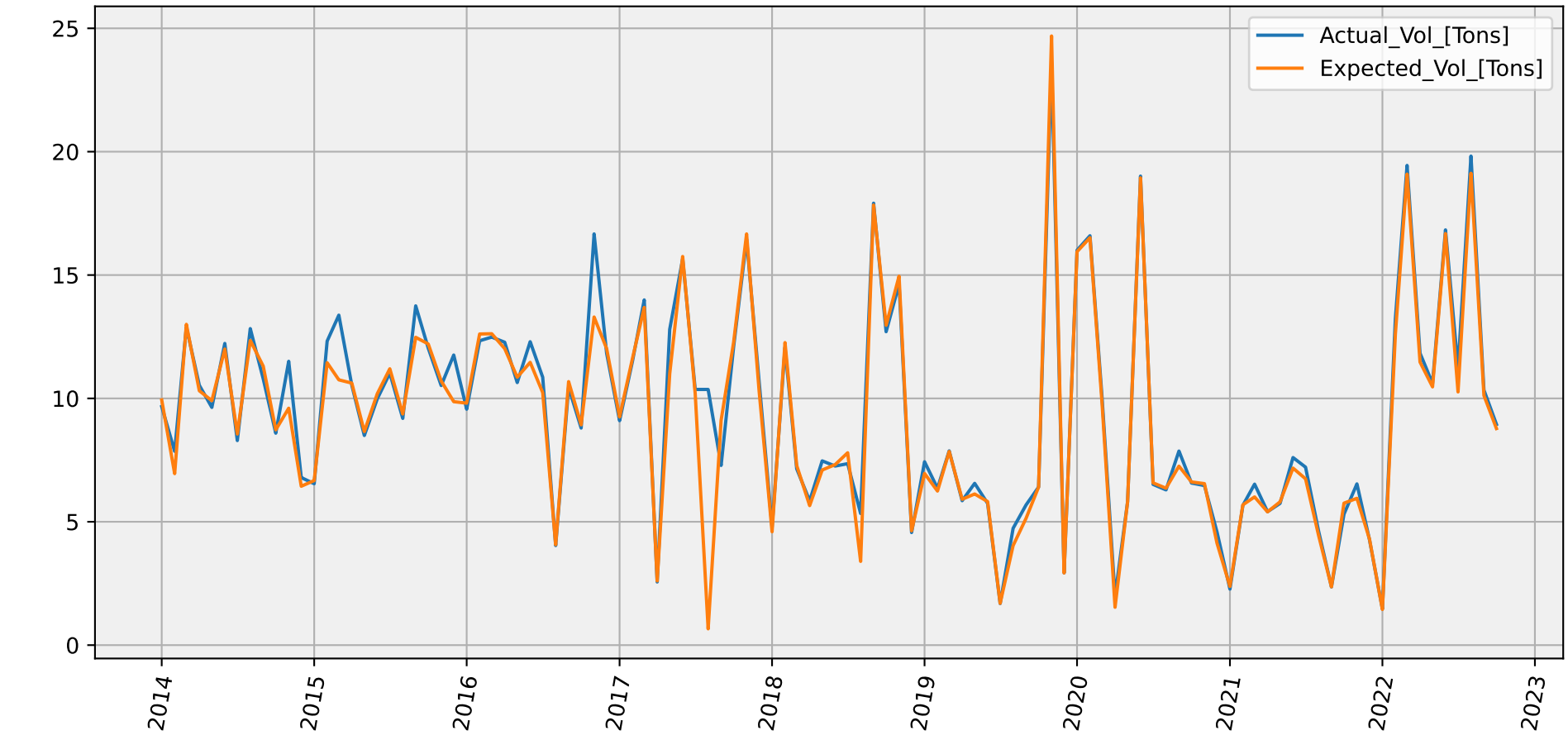


Incoming Volume Provider_28-Plant_1
Actual_Vol_[Tons]
Expected_Vol_[Tons]
60
50
40
30
20
10
0
2018
2019
2020
2021
2022

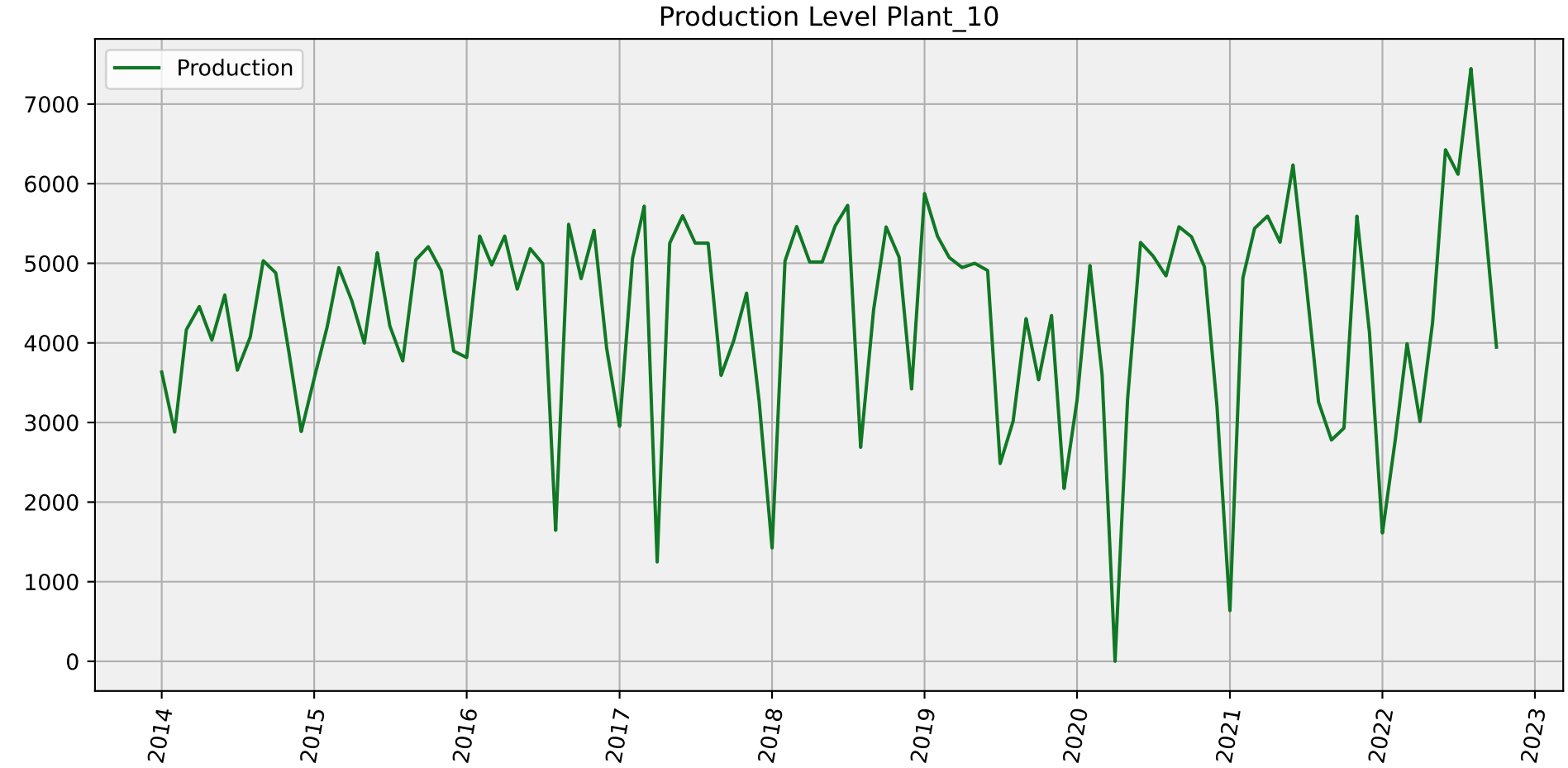
Production Level Plant_1
Production
80000
60000
40000
20000
0
2018
2019
2020
2021
2022


Volume/Production Ratio Provider_28-Plant_1
Vol/Prod_ratio_kg
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
2018
2019
2020
2021
2022

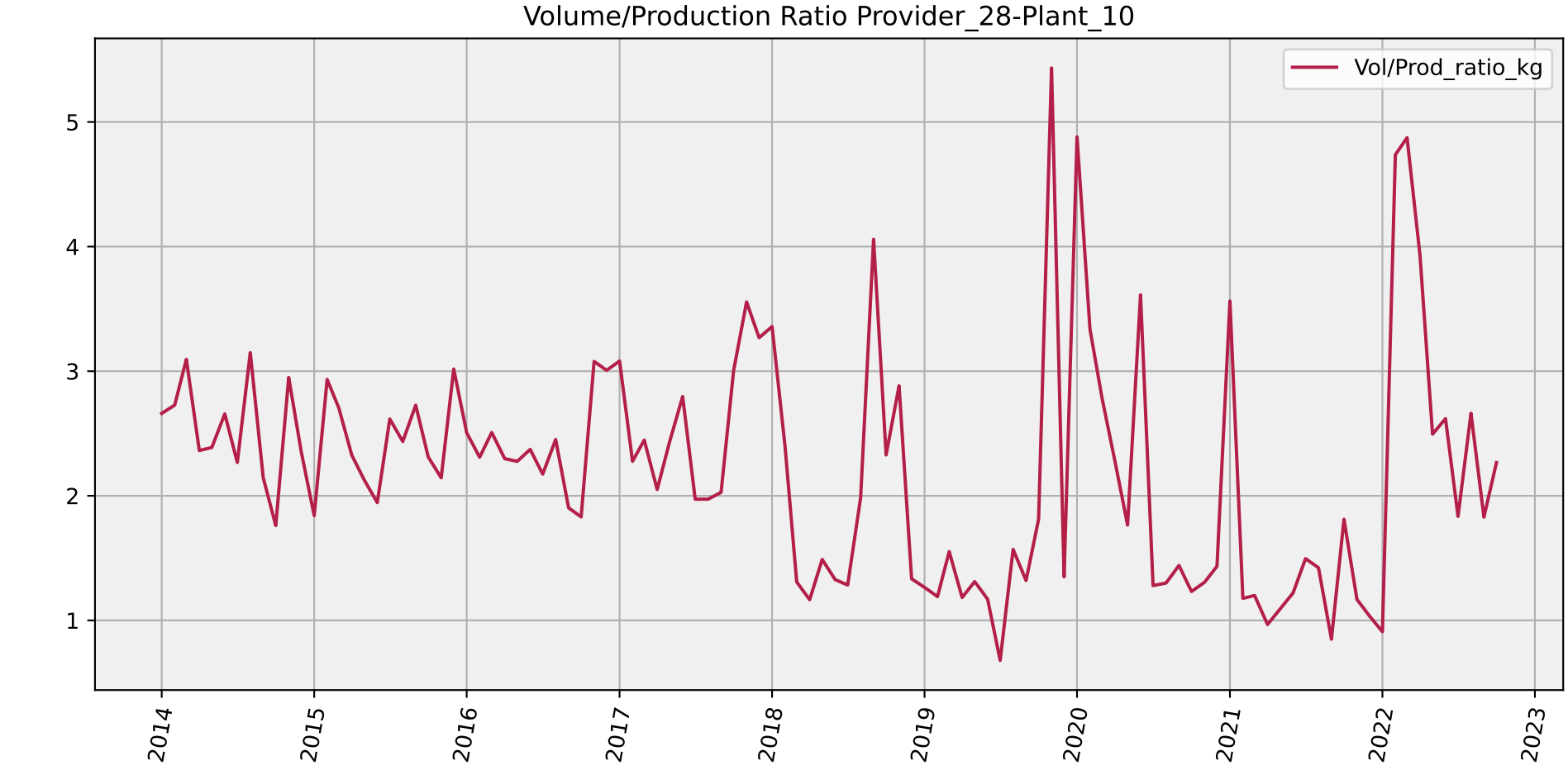
Incoming Volume Provider_28-Plant_10

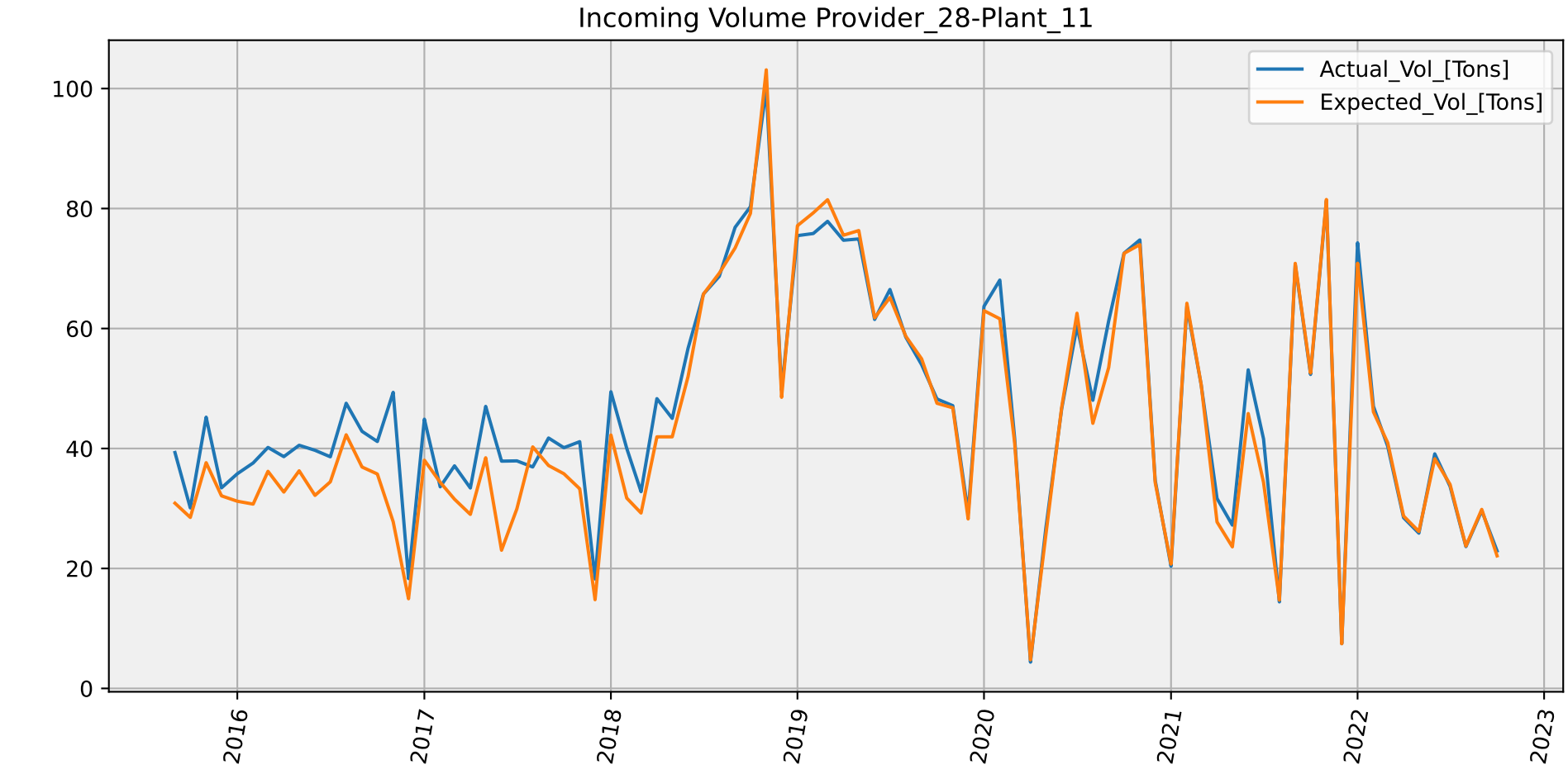


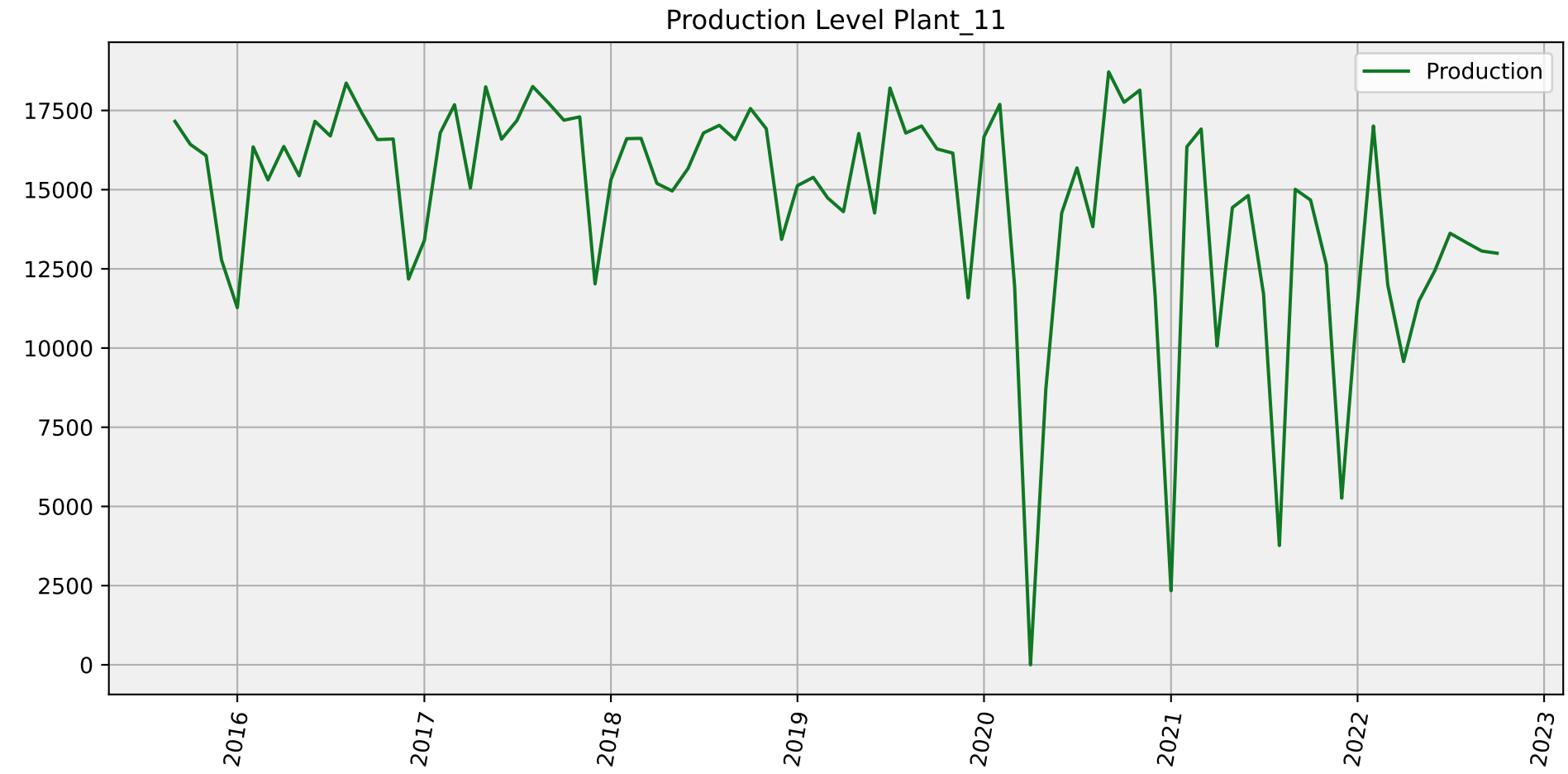
Production Level Plant_10

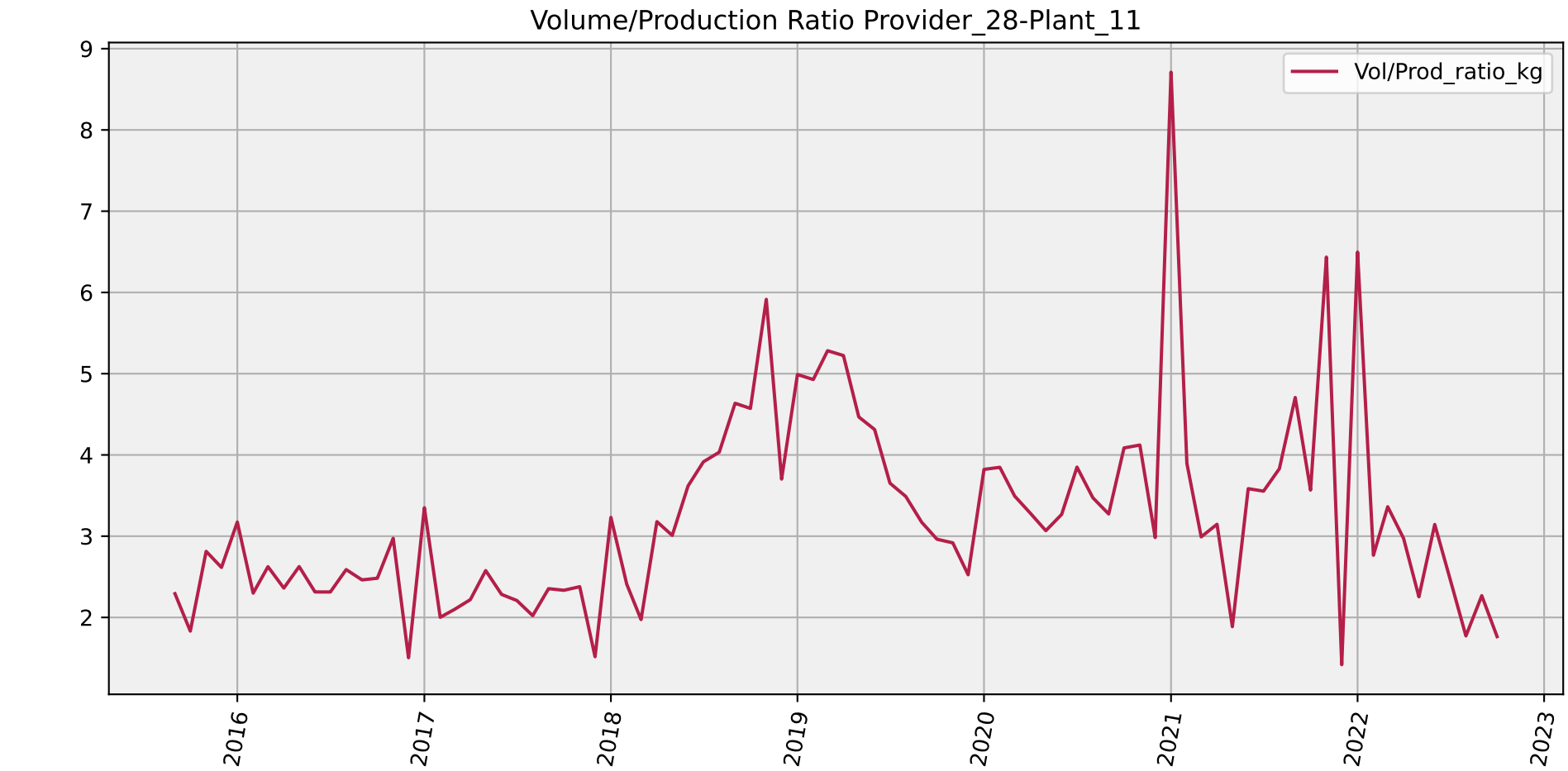


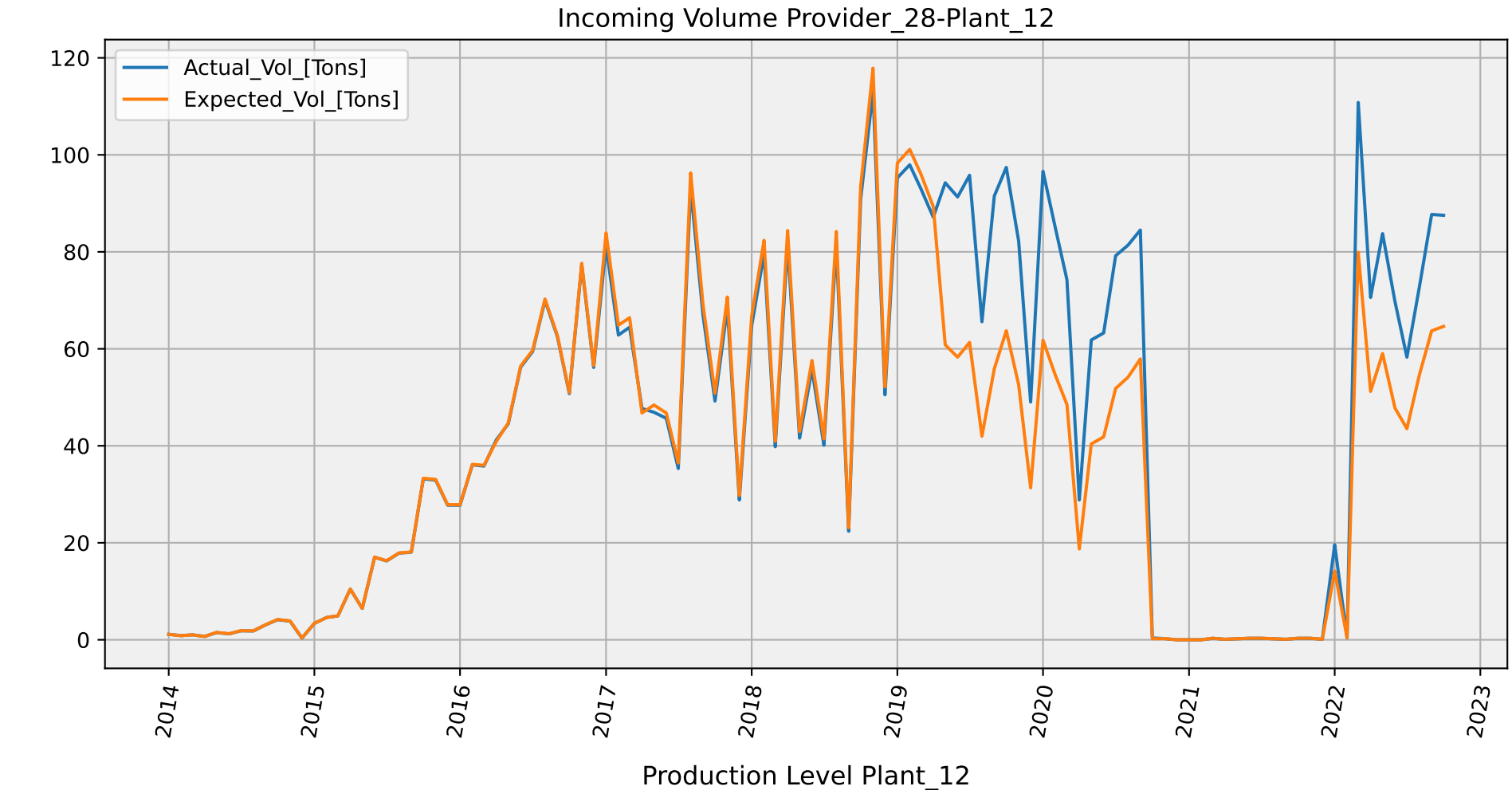
Volume/Production Ratio Provider_28-Plant_10

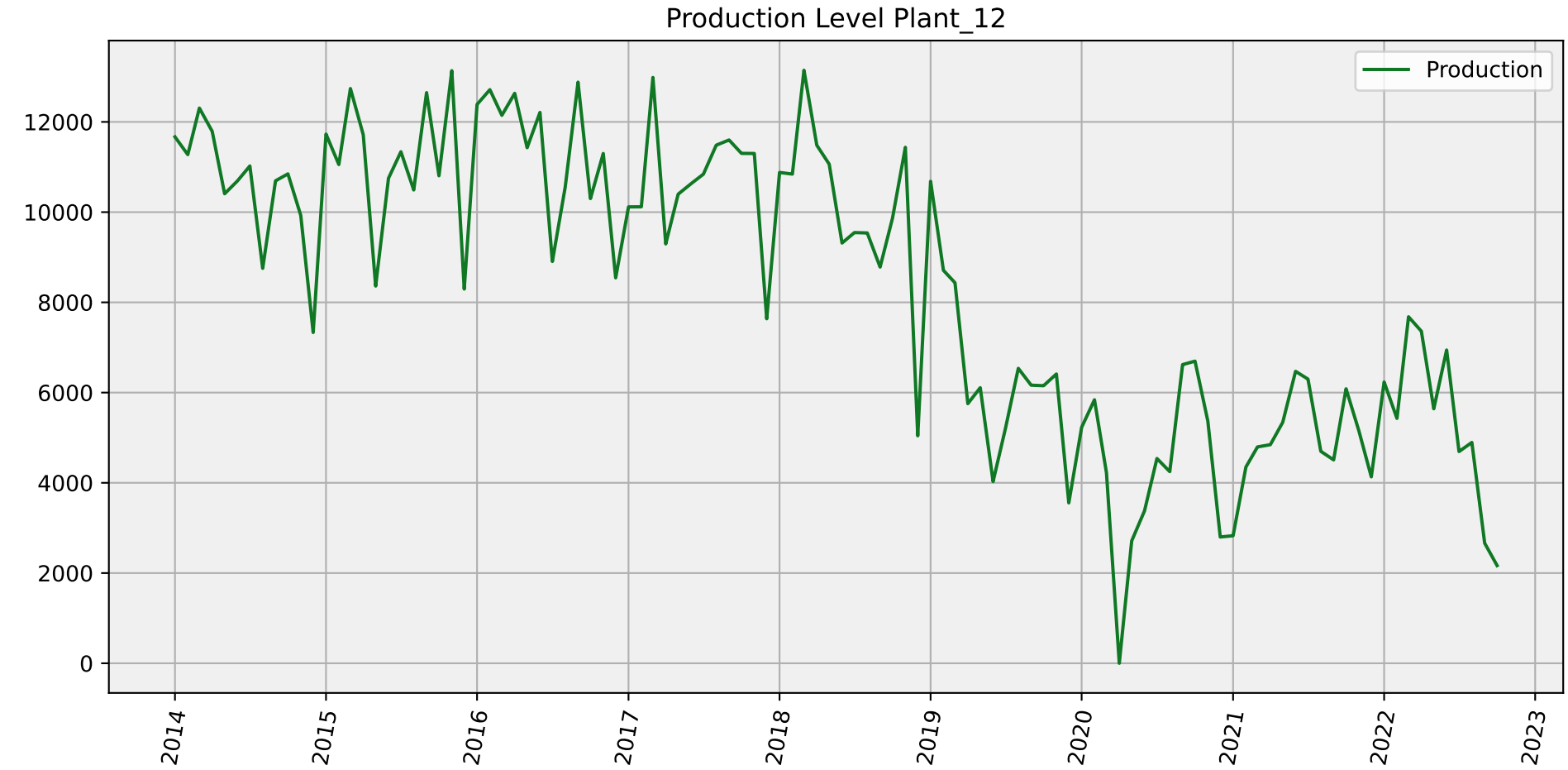


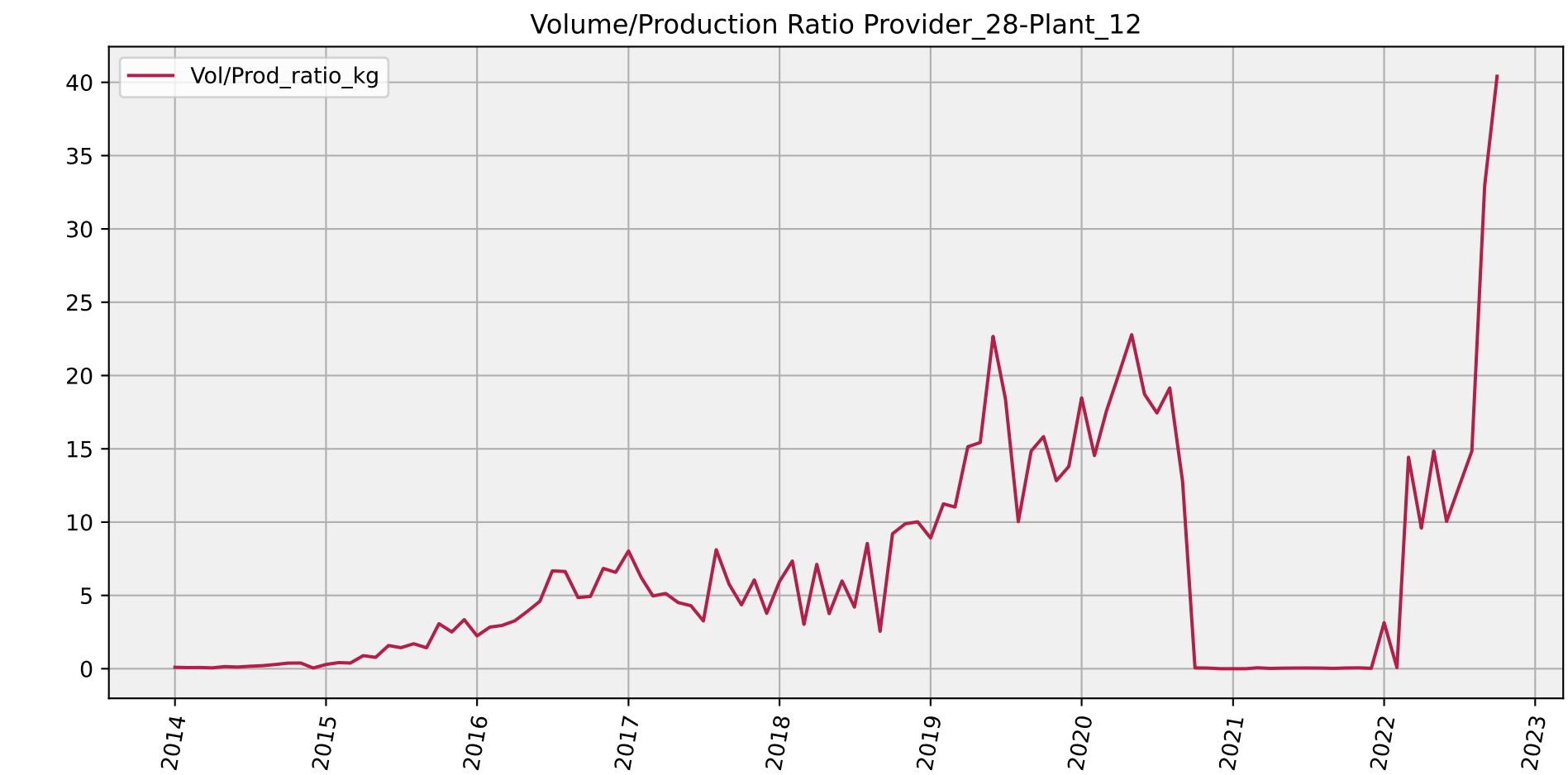

Incoming Volume Provider_28-Plant_11
Actual_Vol_[Tons]
Expected_Vol_[Tons]
0
20
40
60
80
100
2016
2017
2018
2019
2020
2021
2022
2023


Production Level Plant_11
Production
0
2500
5000
7500
10000
12500
15000
17500
2016
2017
2018
2019
2020
2021
2022
2023

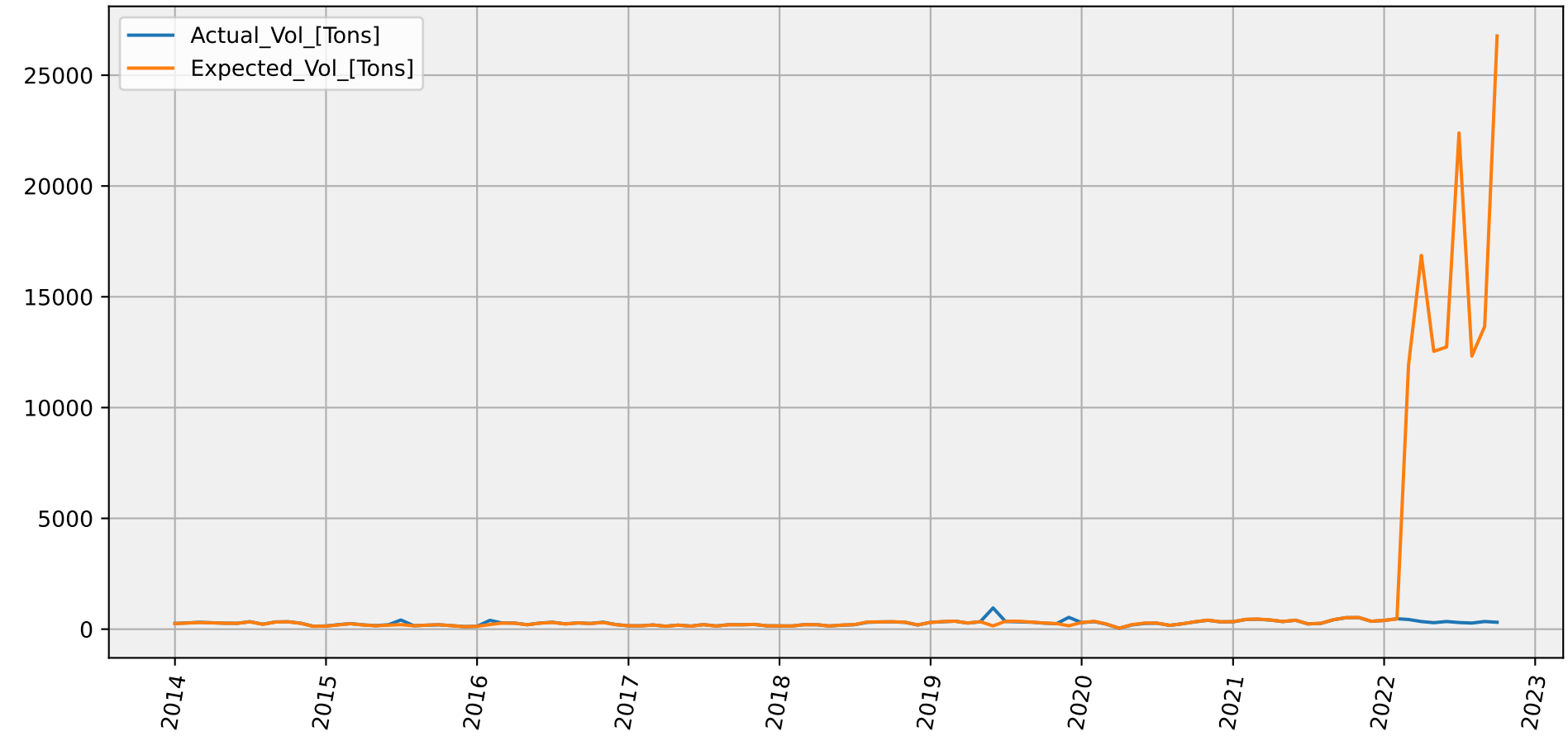

Volume/Production Ratio Provider_28-Plant_11
Vol/Prod_ratio_kg
2
3
4
5
6
7
8
9
2016
2017
2018
2019
2020
2021
2022
2023


Incoming Volume Provider_28-Plant_12
Actual_Vol_[Tons]
Expected_Vol_[Tons]
120
100
80
60
40
20
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

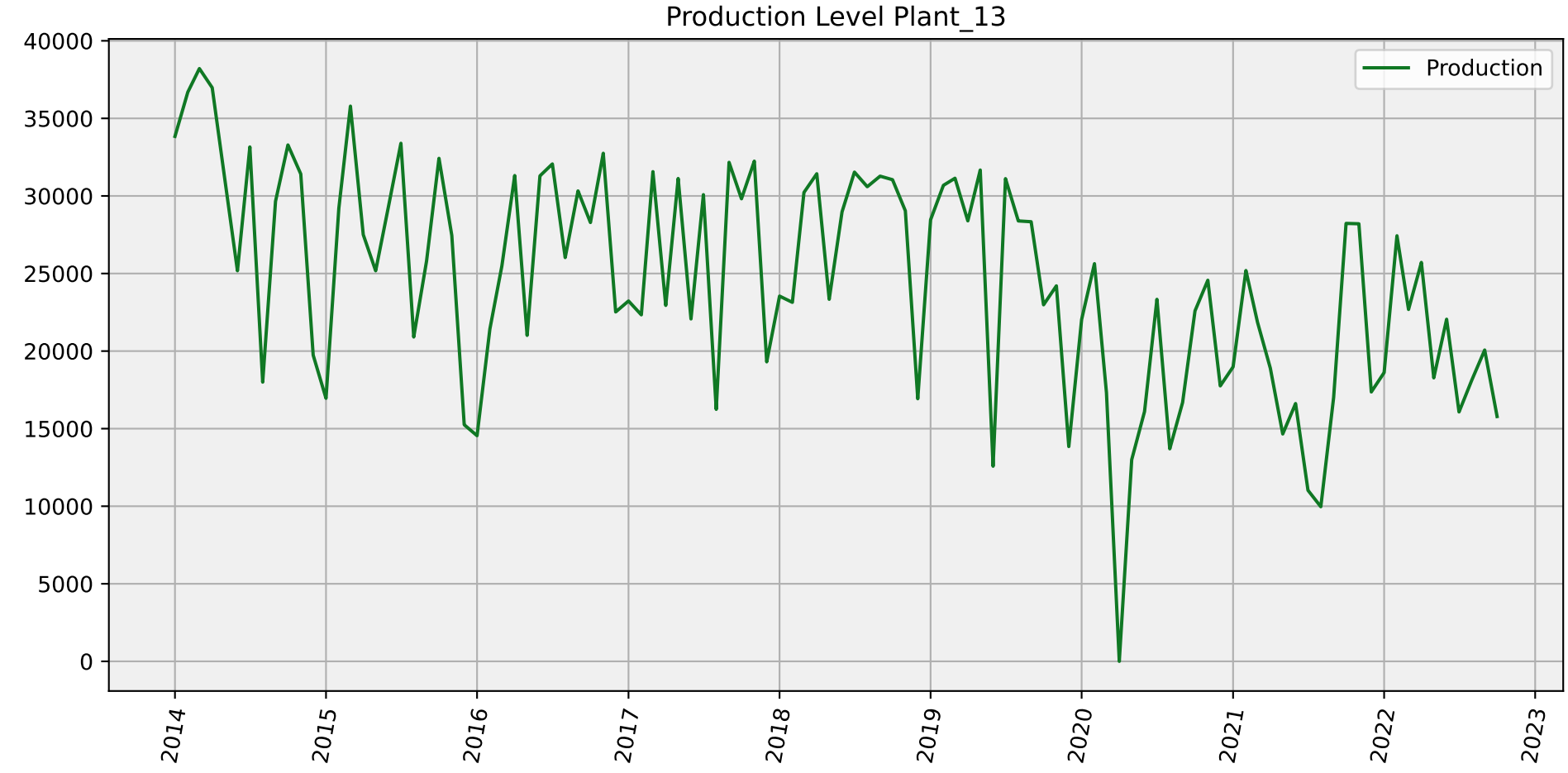

Production Level Plant_12
Production
12000
10000
8000
6000
4000
2000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_28-Plant_12
Vol/Prod_ratio_kg
40
35
30
25
20
15
10
5
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

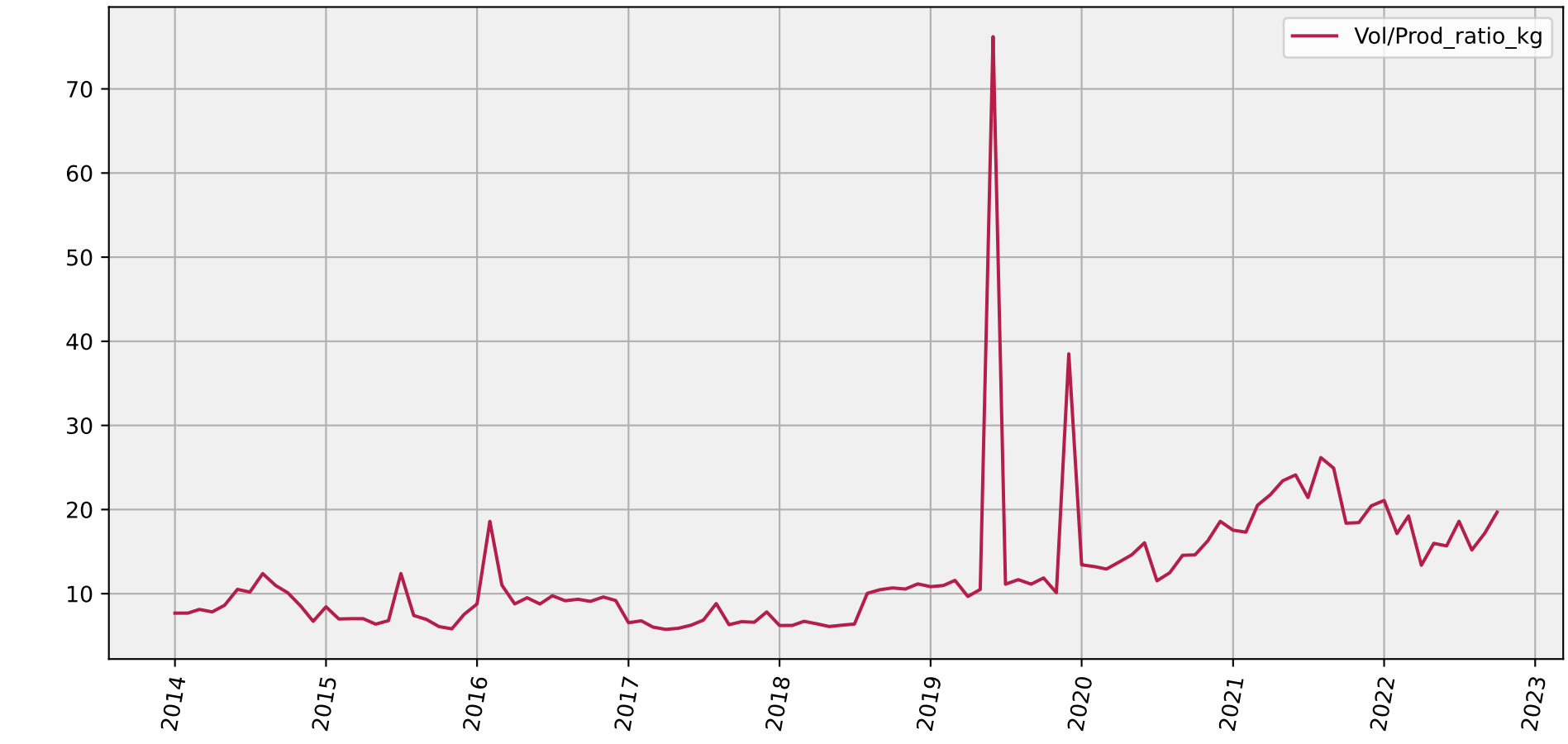
Incoming Volume Provider_28-Plant_13



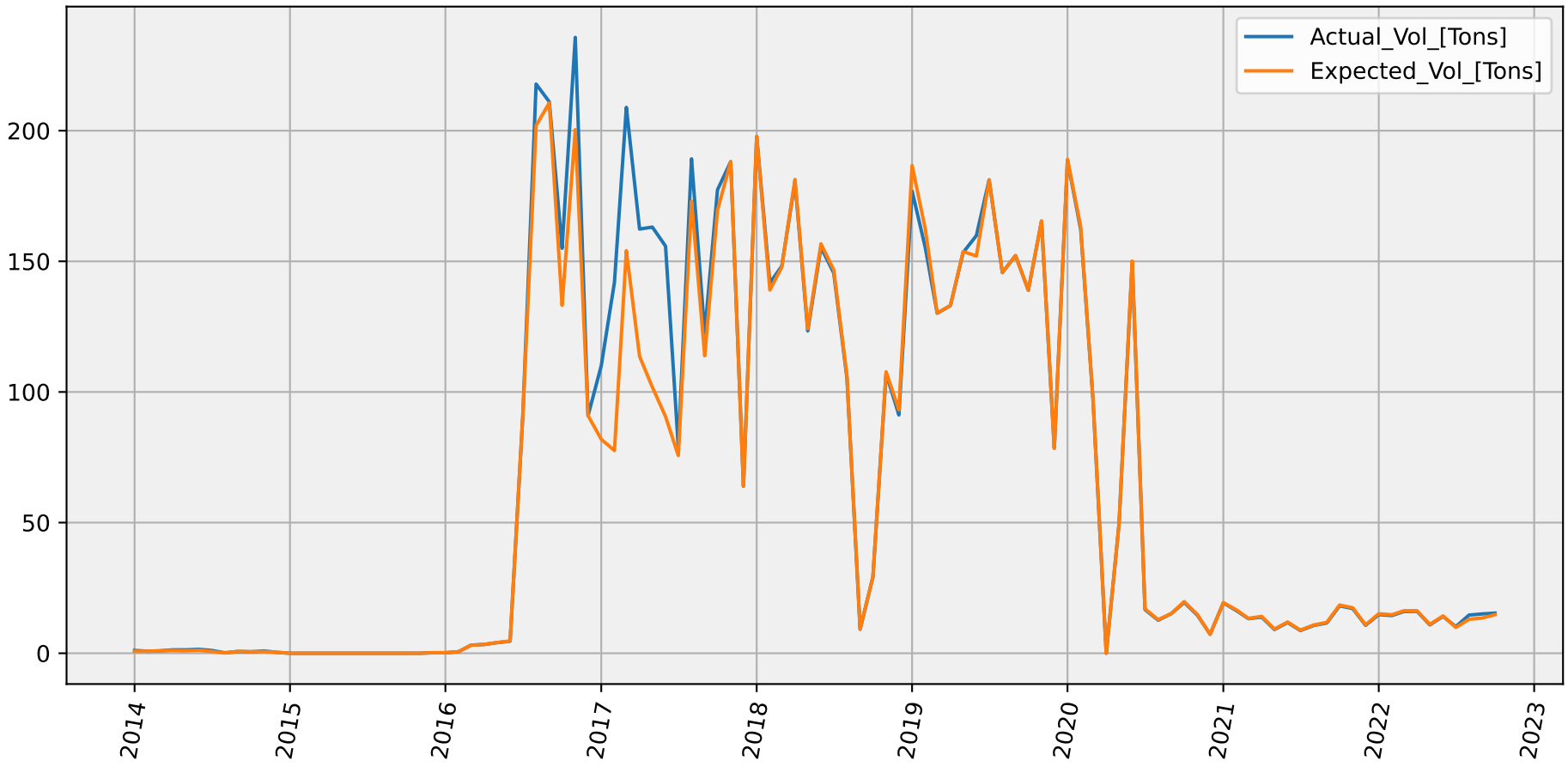
Production Level Plant_13



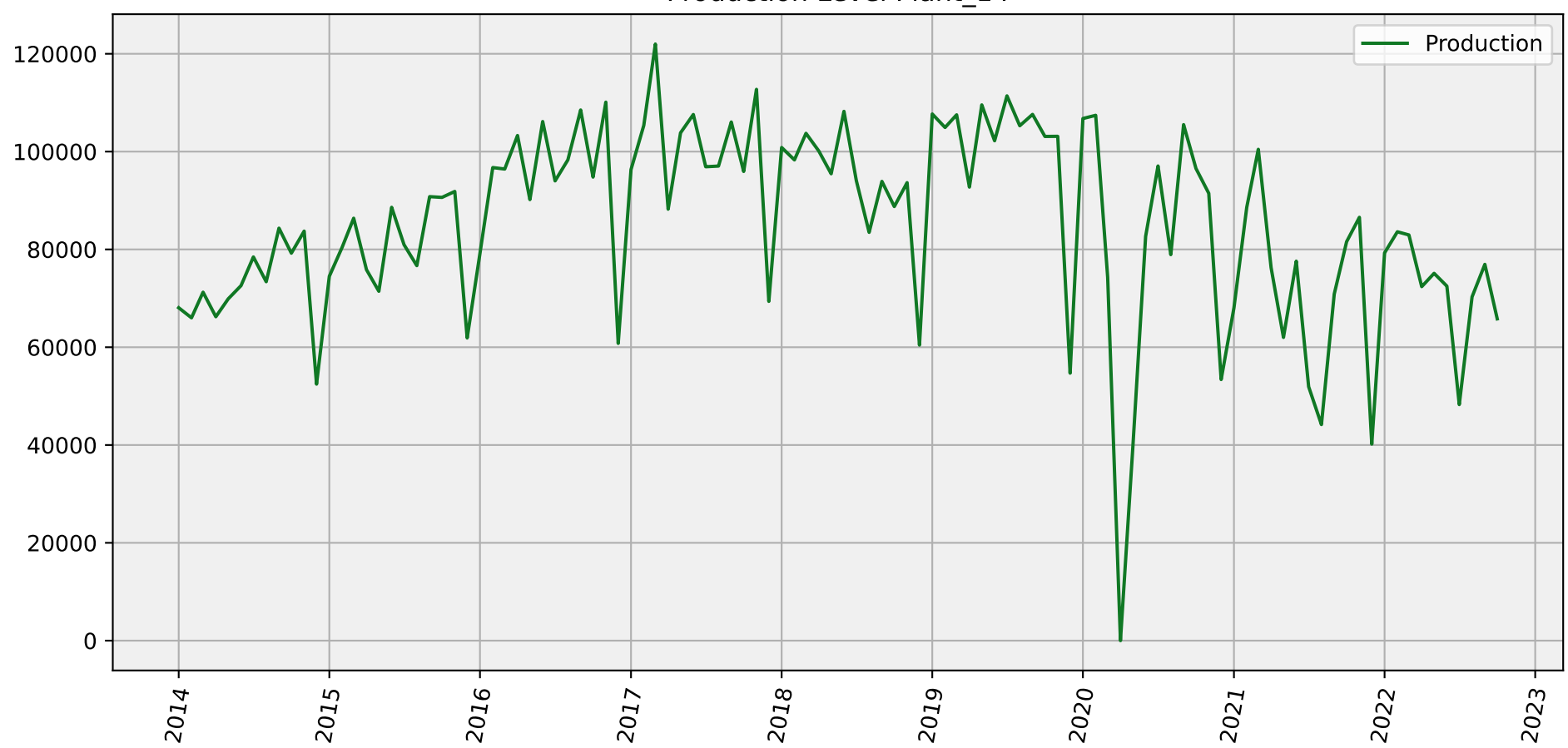
Volume/Production Ratio Provider_28-Plant_13



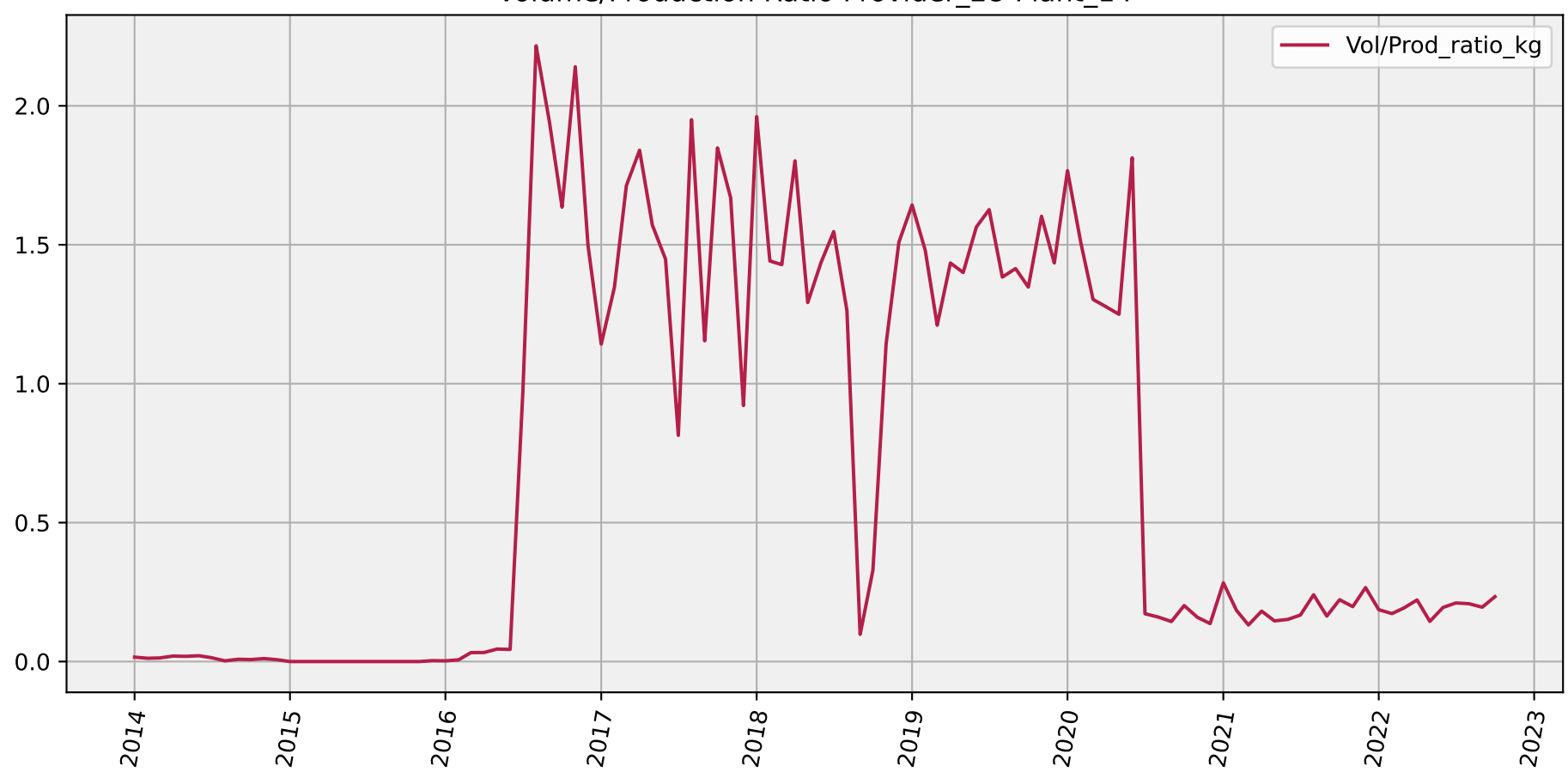
Incoming Volume Provider_28-Plant_14



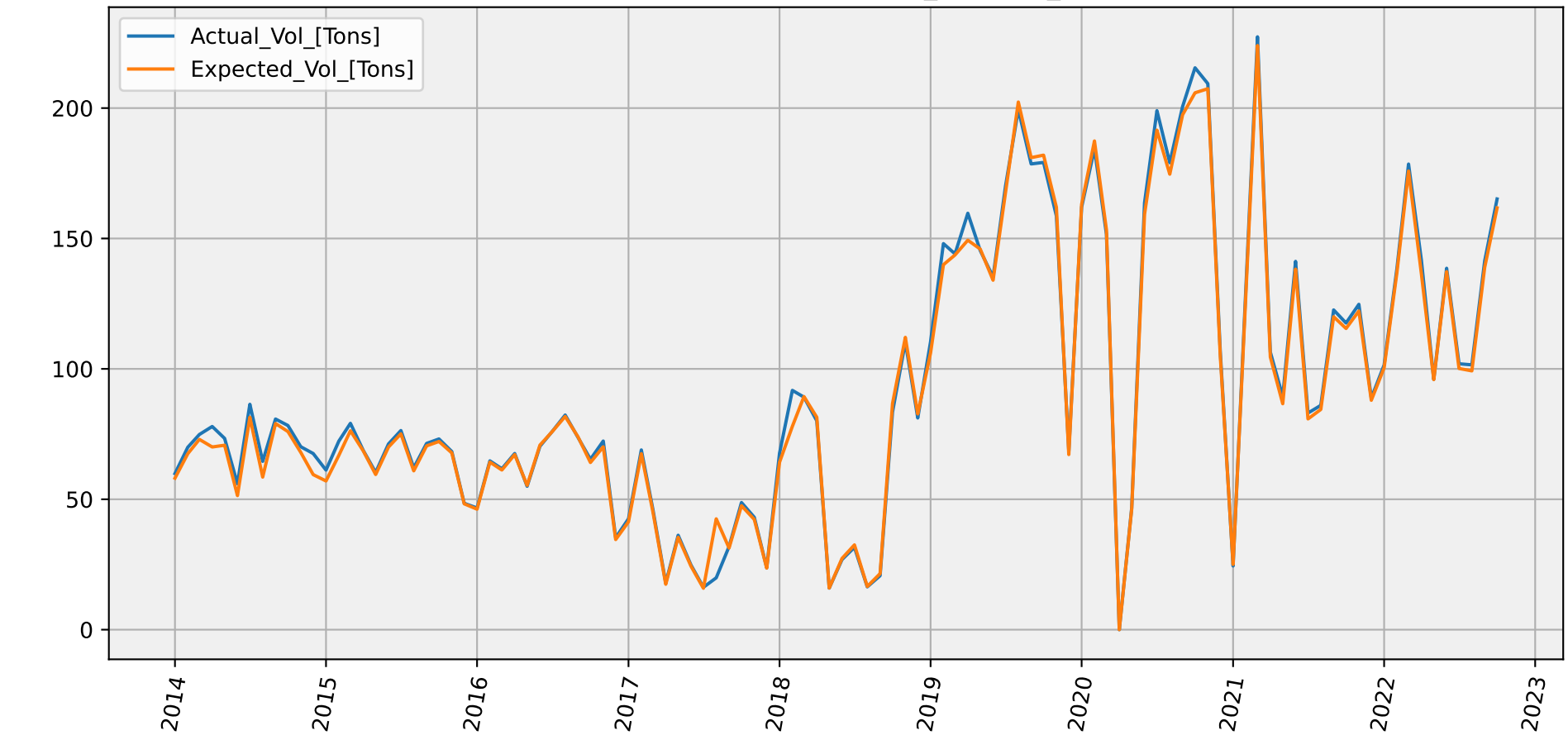
Production Level Plant_14



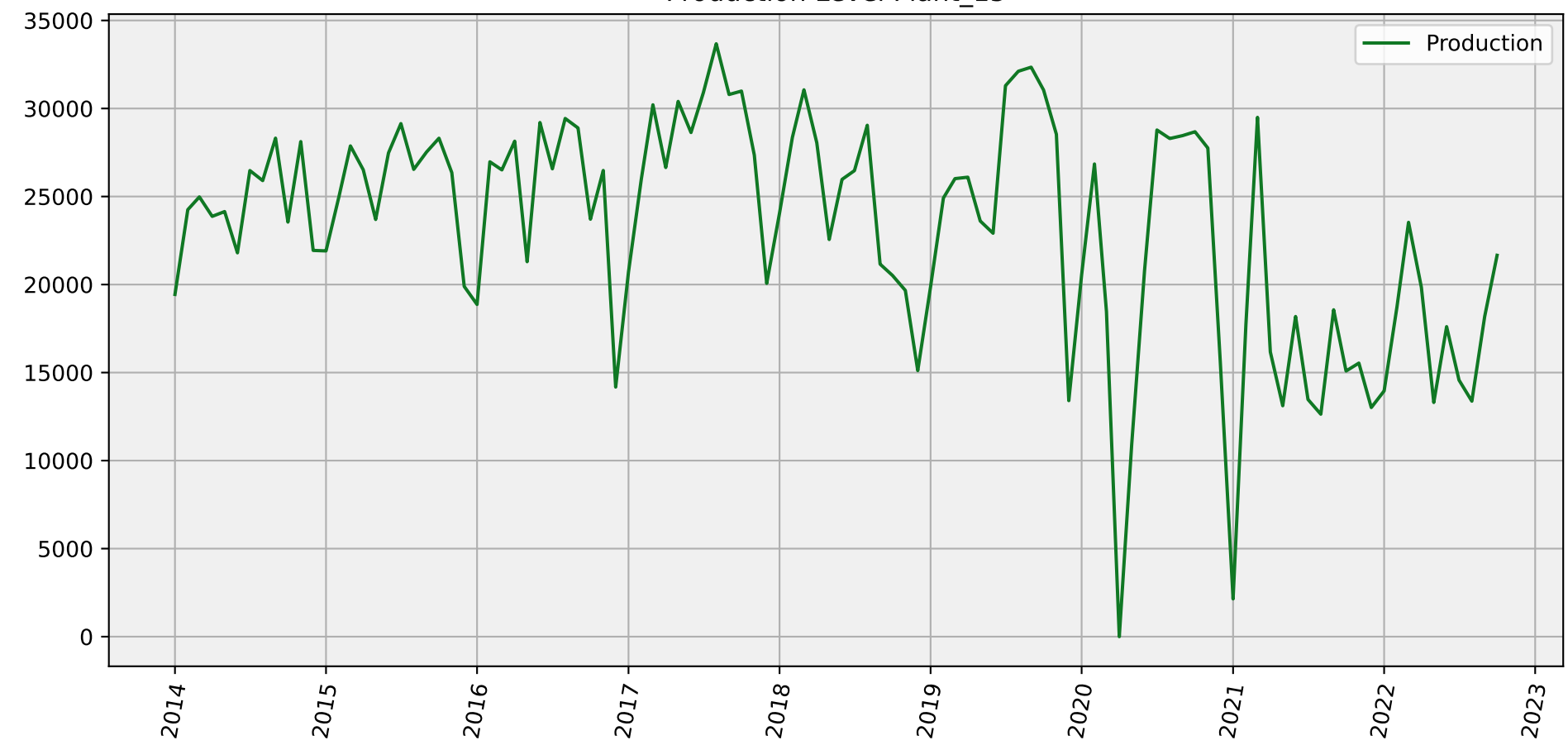
Volume/Production Ratio Provider_28-Plant_14



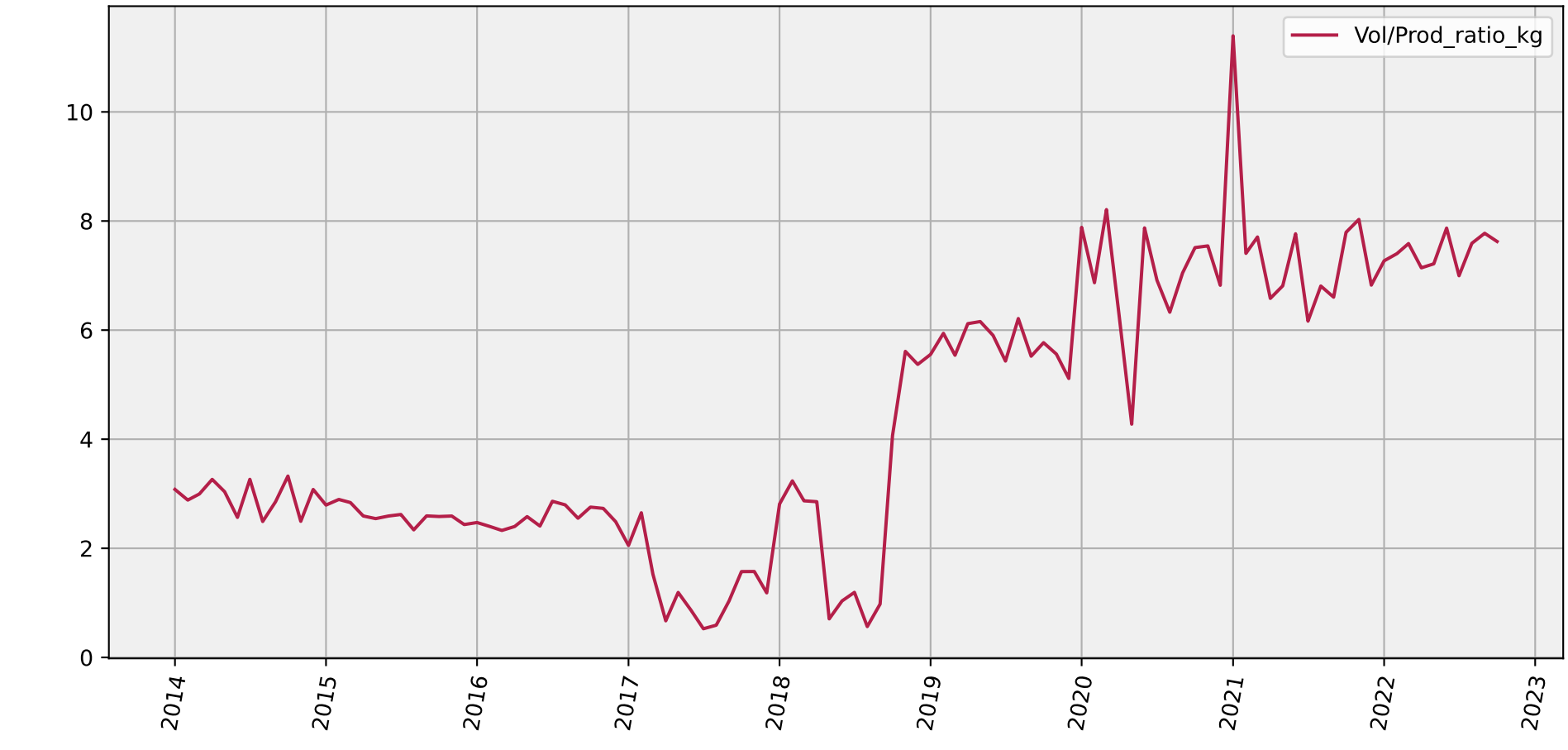
Incoming Volume Provider_28-Plant_15

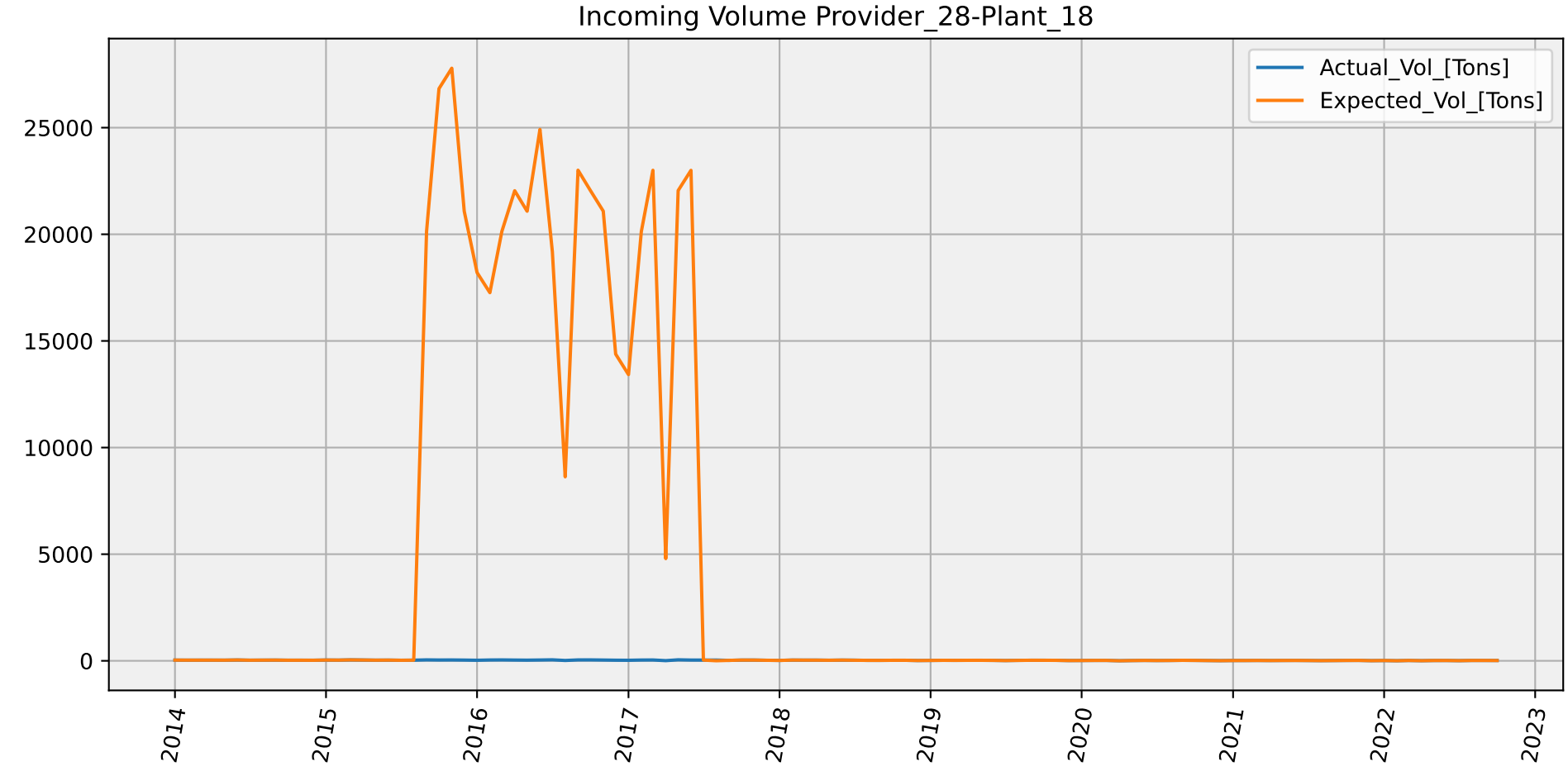


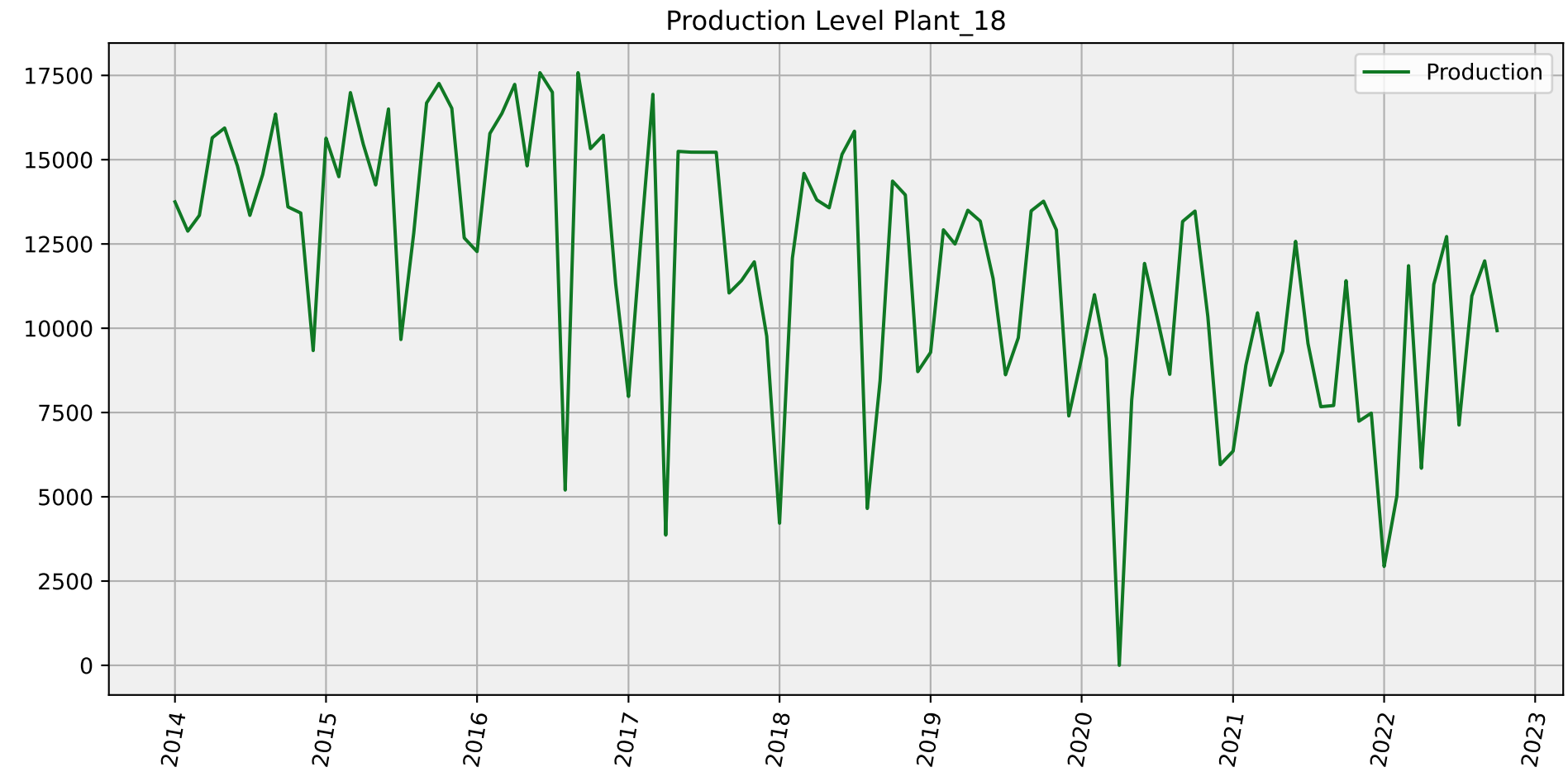
Production Level Plant_15

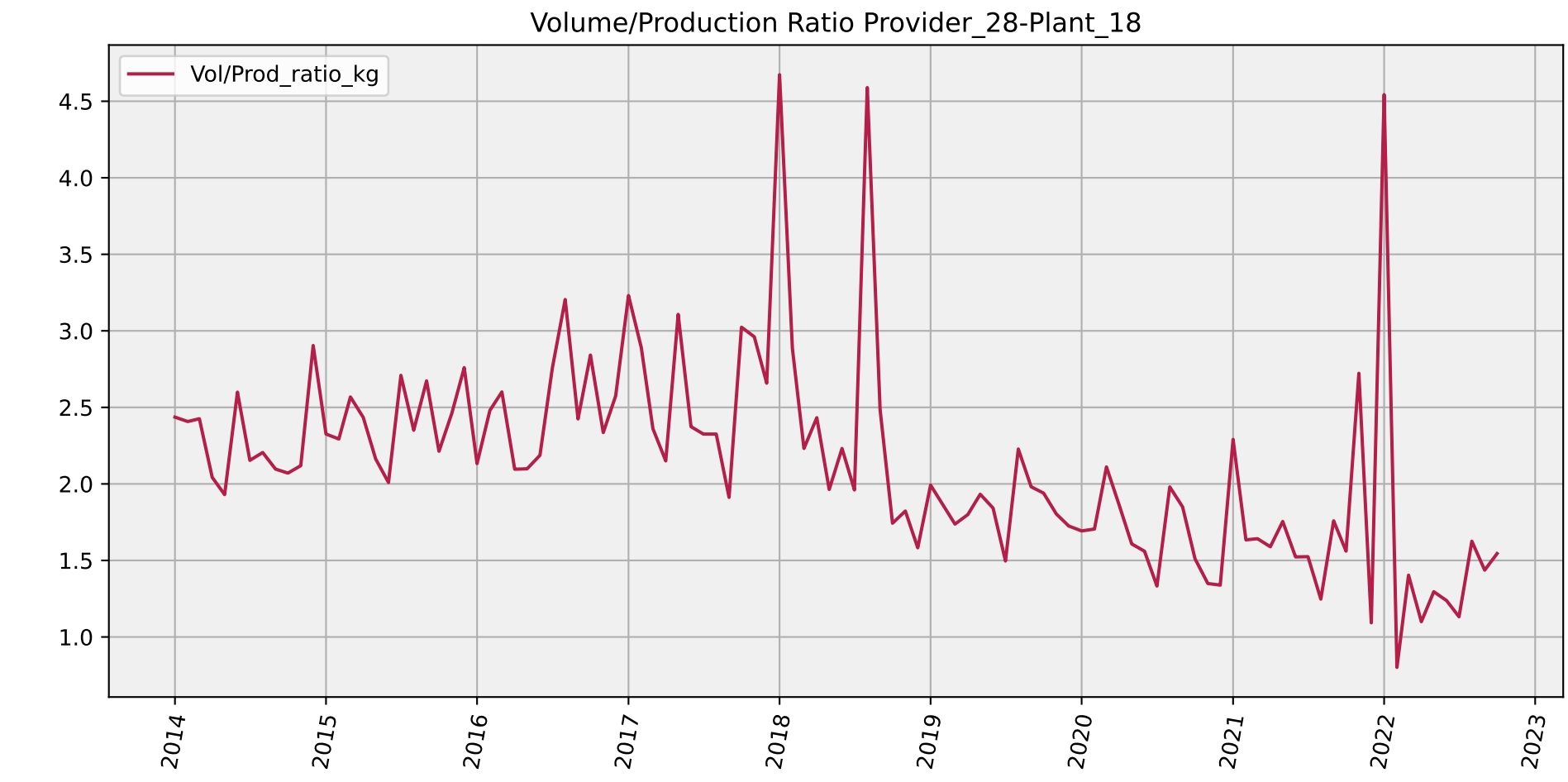


Volume/Production Ratio Provider_28-Plant_15

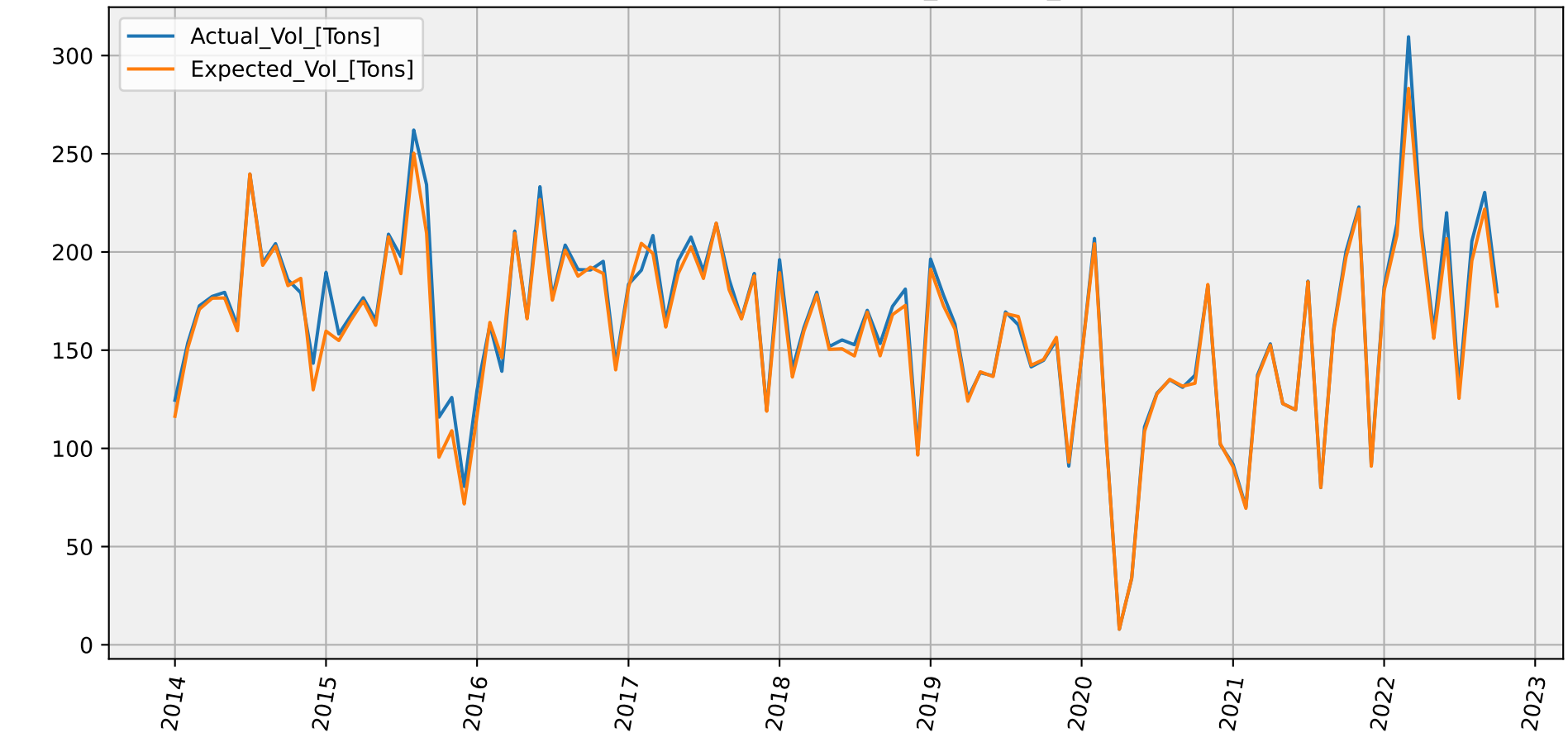



Incoming Volume Provider_28-Plant_18
Actual_Vol_[Tons]
Expected_Vol_[Tons]
25000
20000
15000
10000
5000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

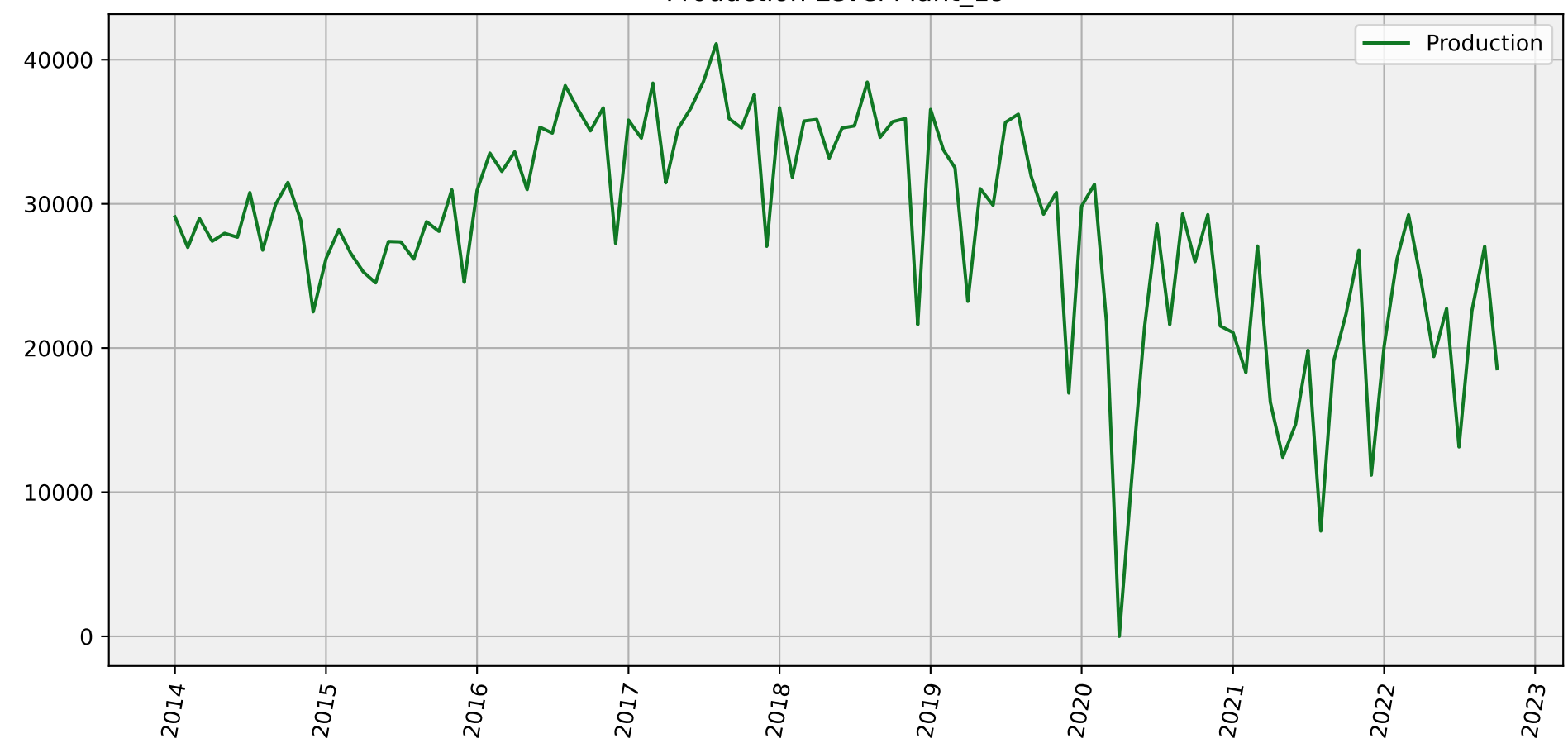

Production Level Plant_18
Production
17500
15000
12500
10000
7500
5000
2500
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_28-Plant_18
Vol/Prod_ratio_kg
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

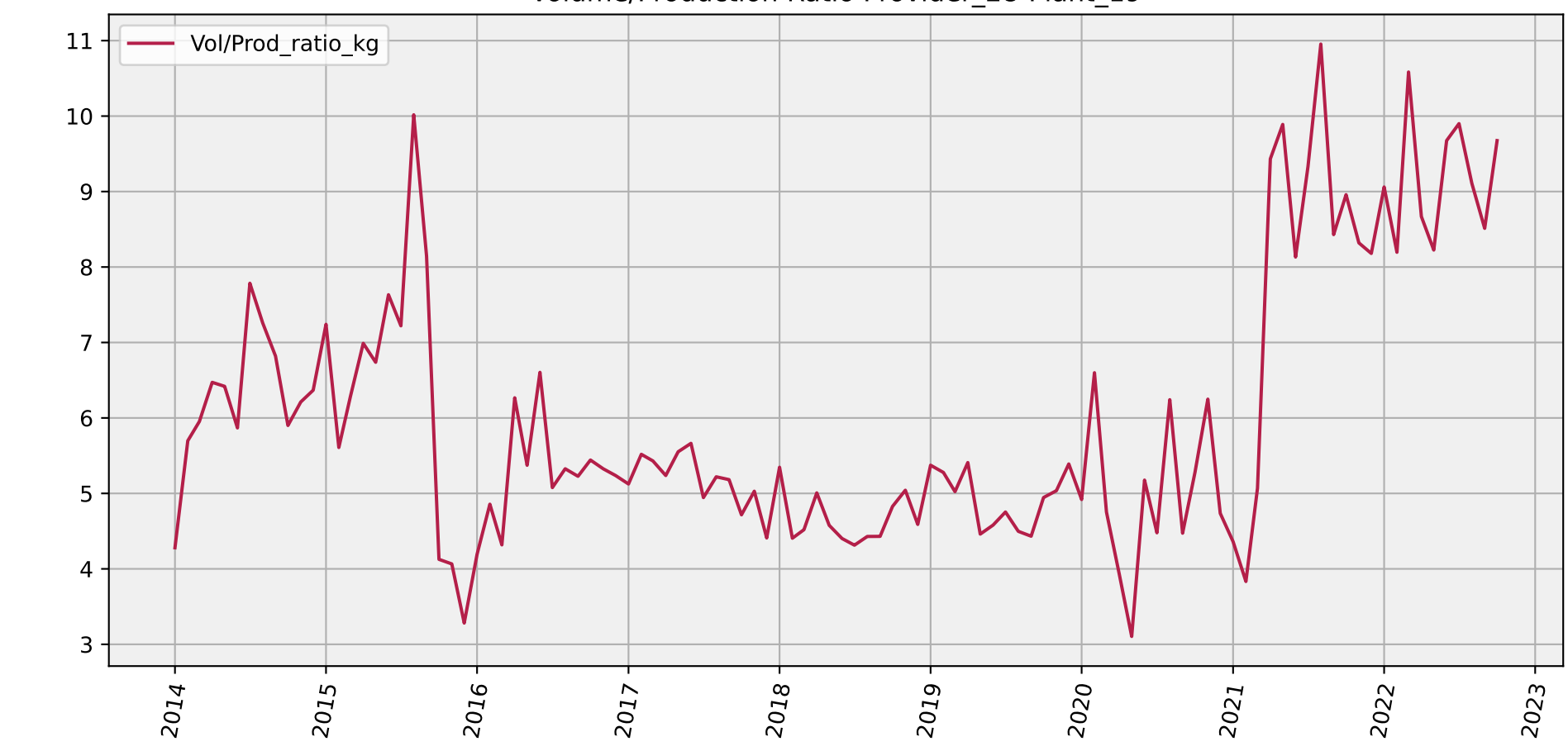
Incoming Volume Provider_28-Plant_19

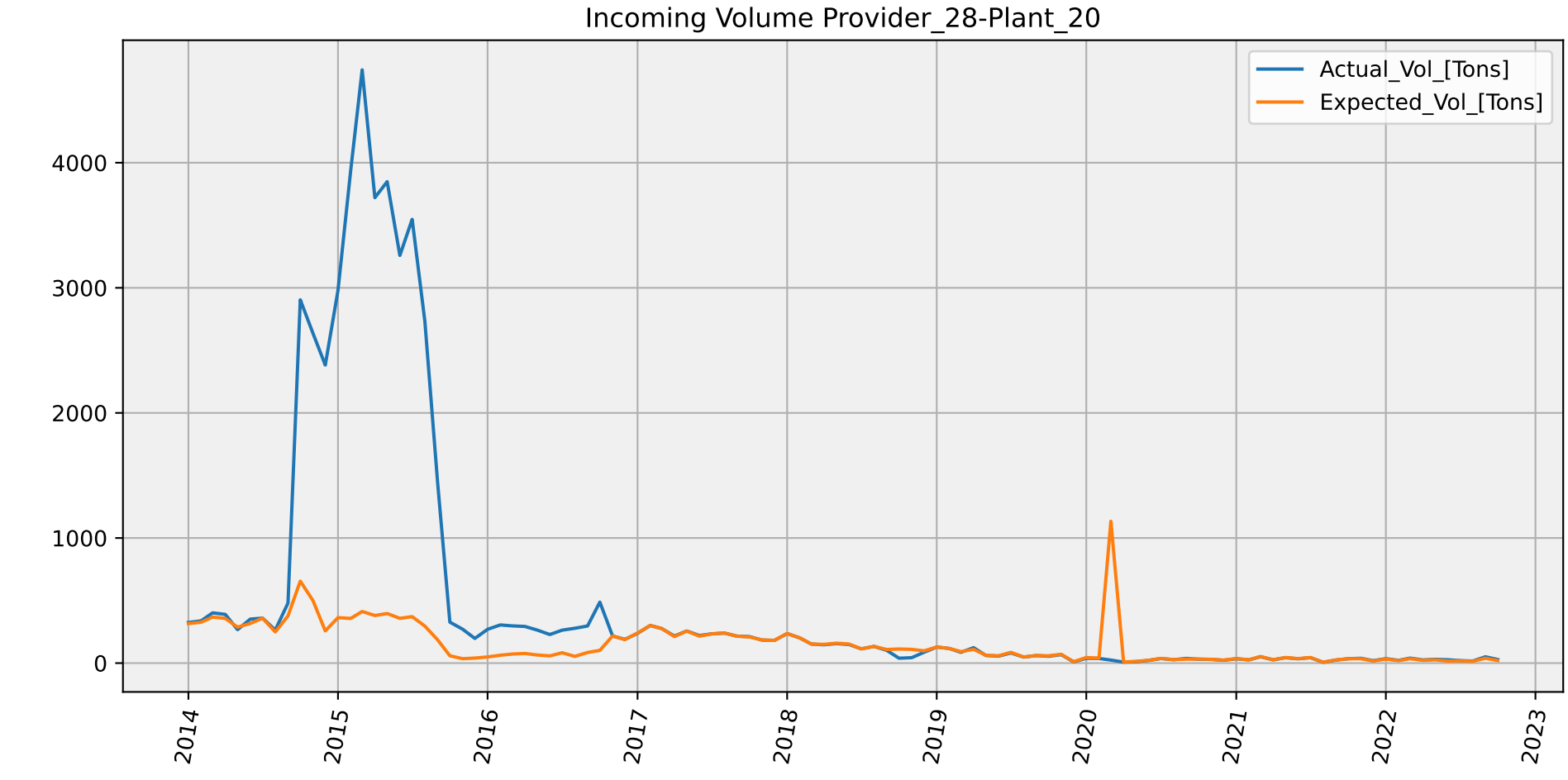


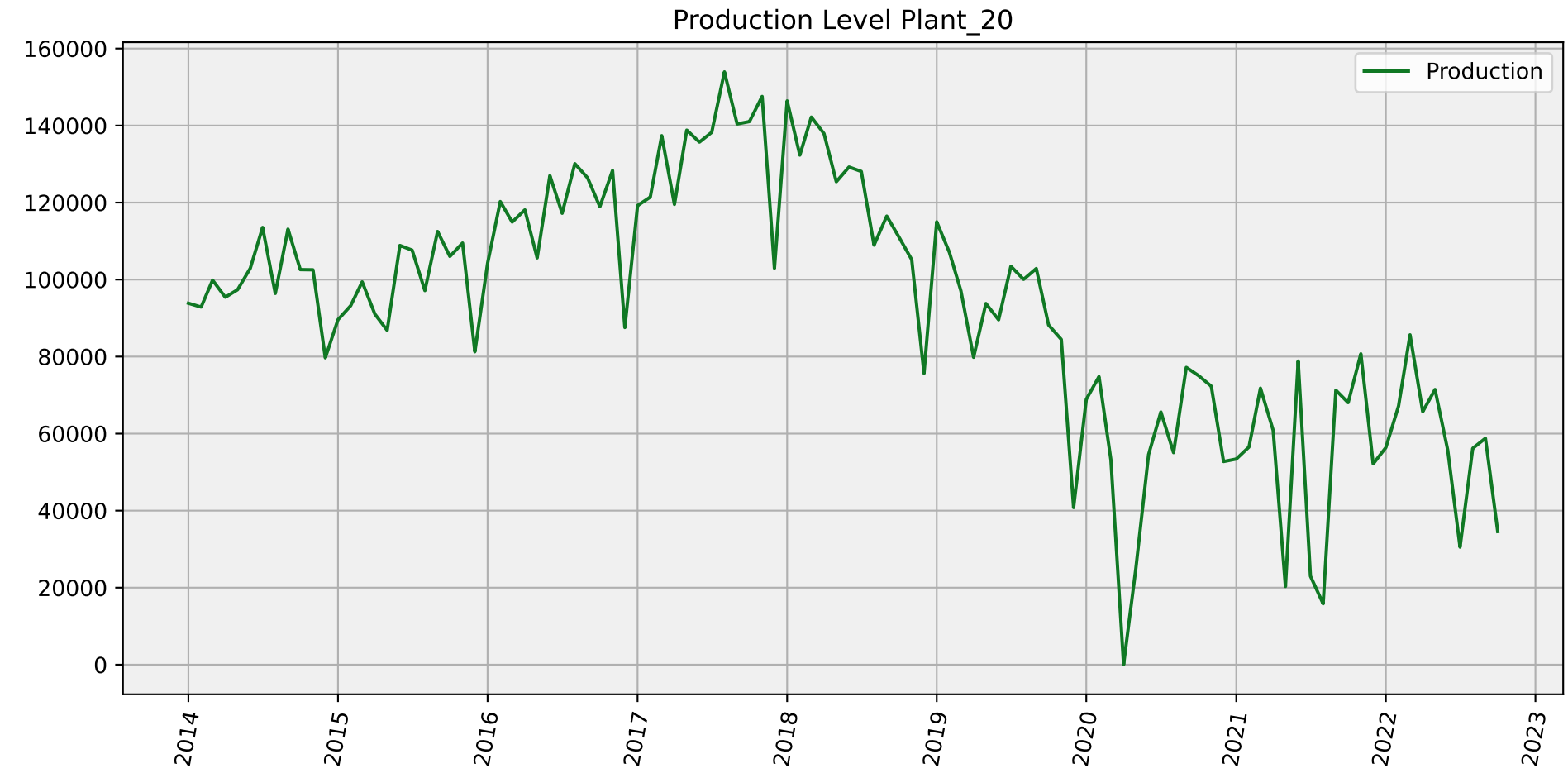
Production Level Plant_19

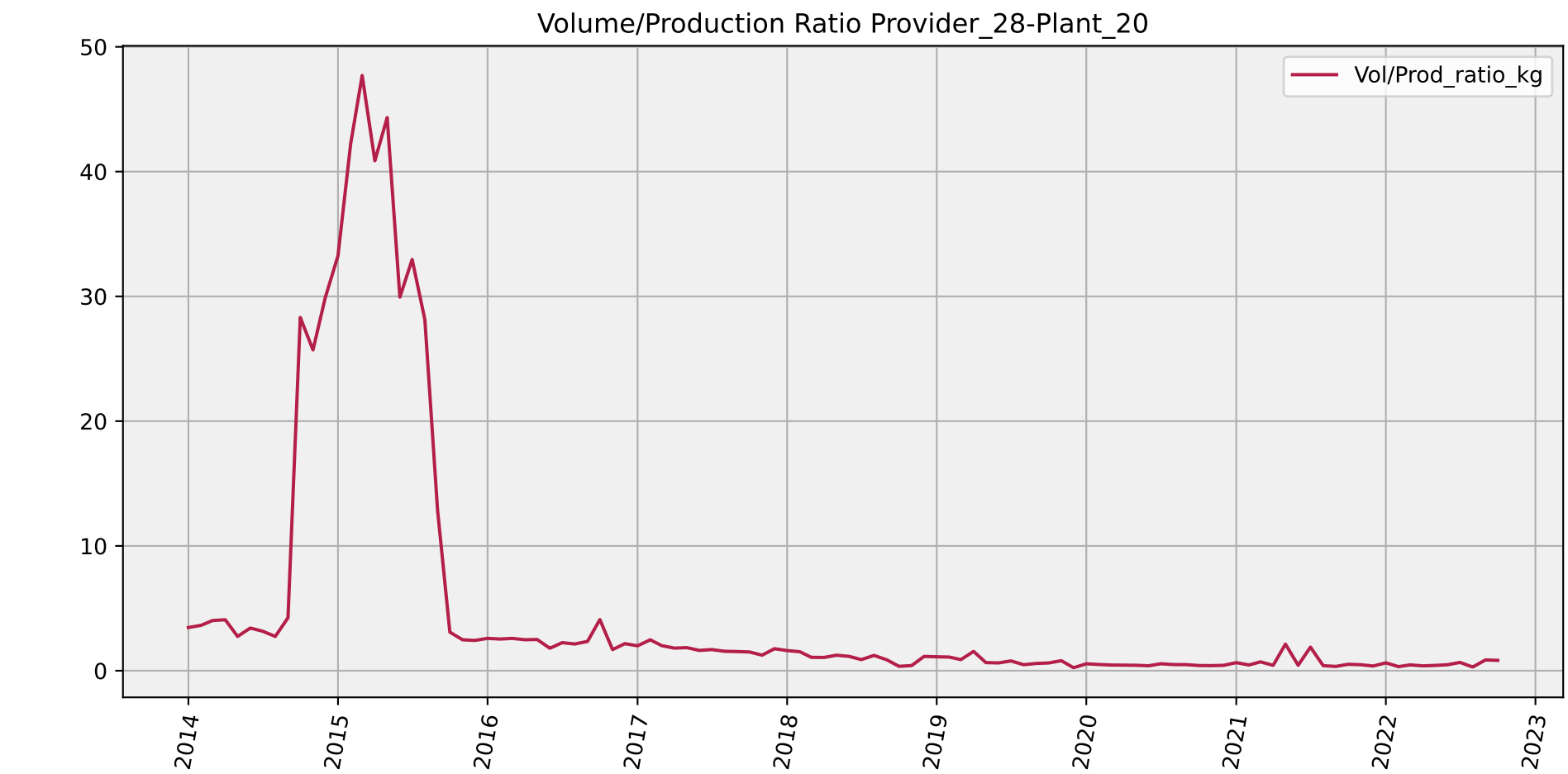


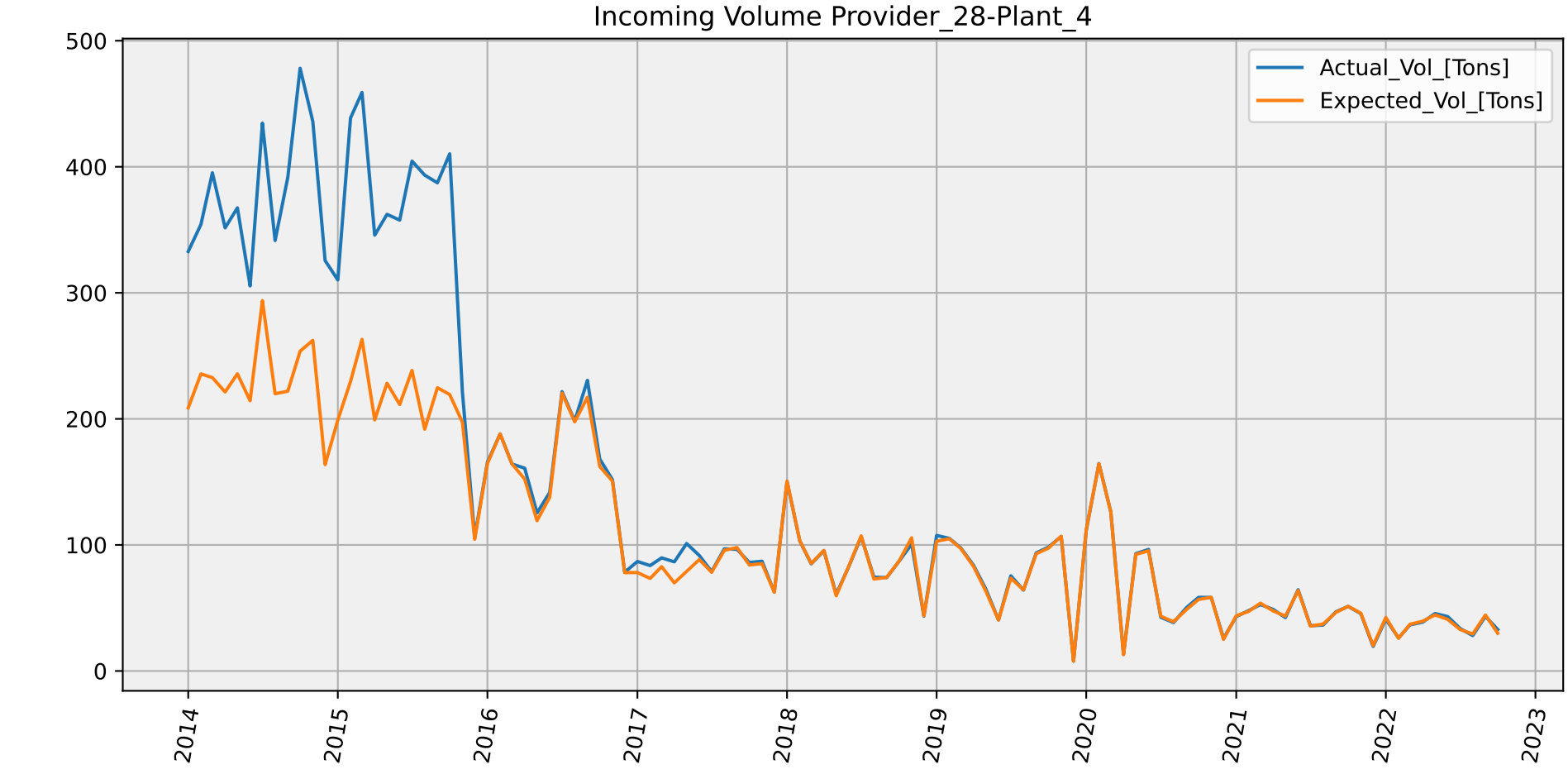
Volume/Production Ratio Provider_28-Plant_19

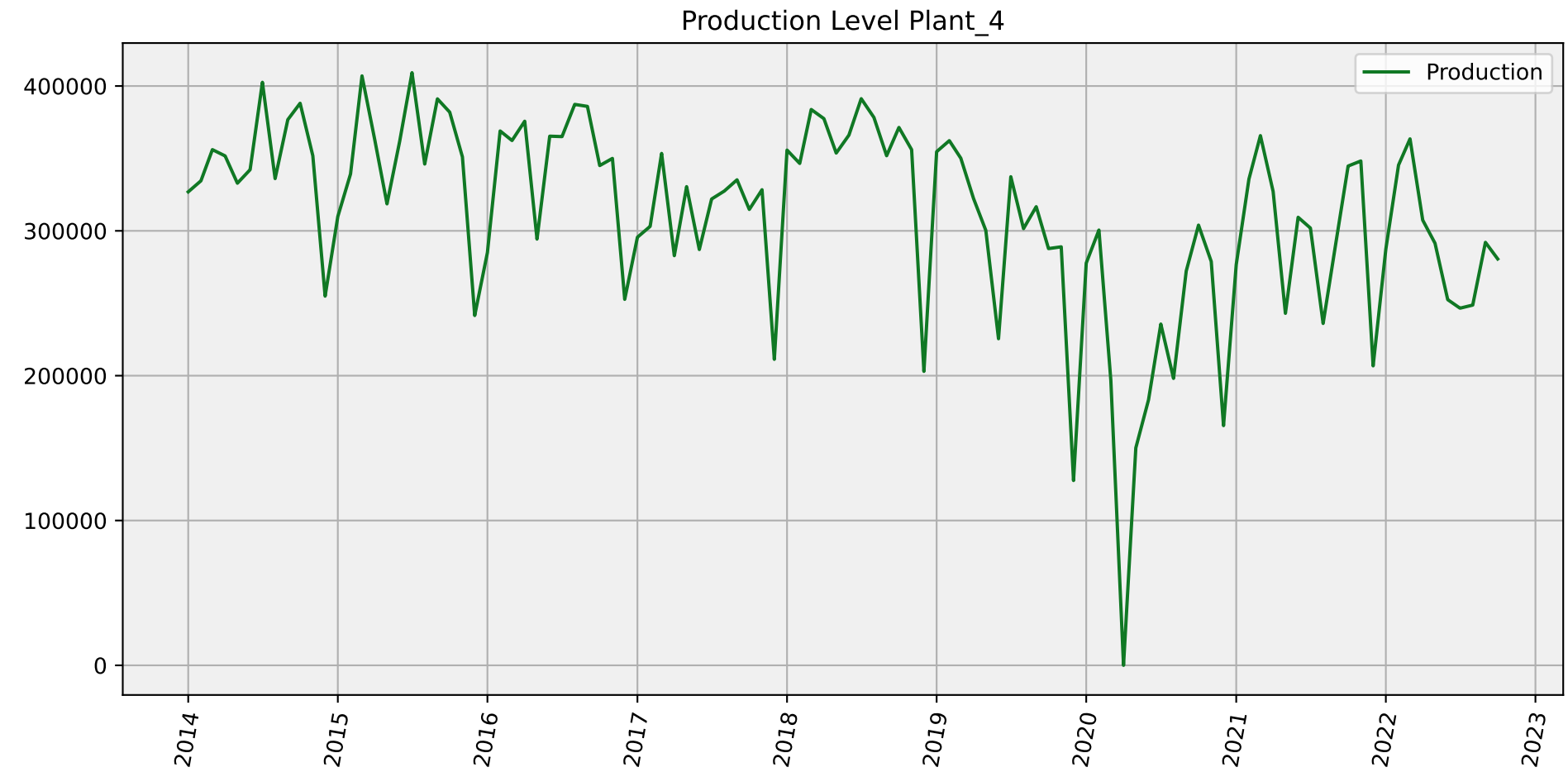


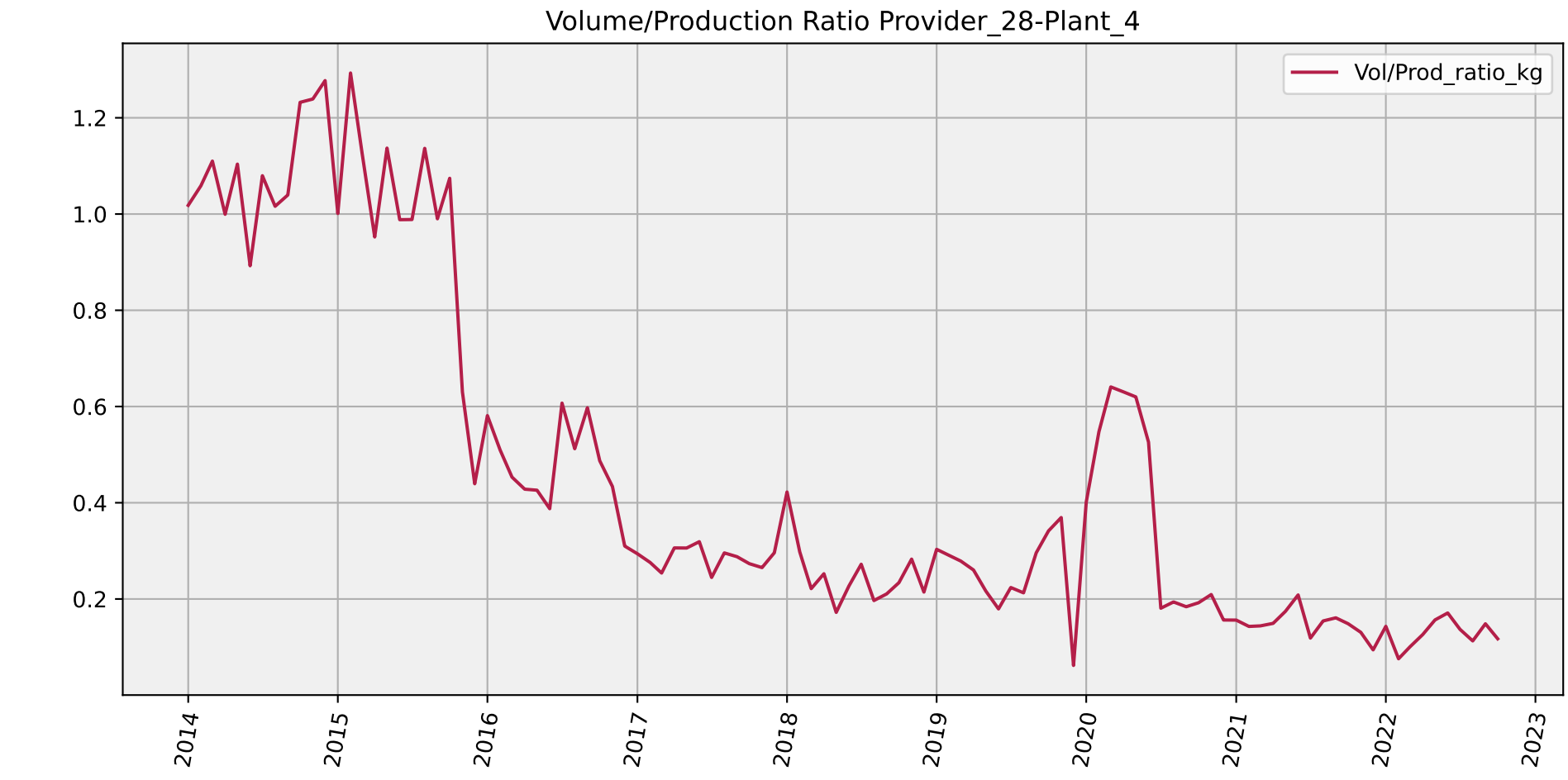

Incoming Volume Provider_28-Plant_20
Actual_Vol_[Tons]
Expected_Vol_[Tons]
4000
3000
2000
1000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

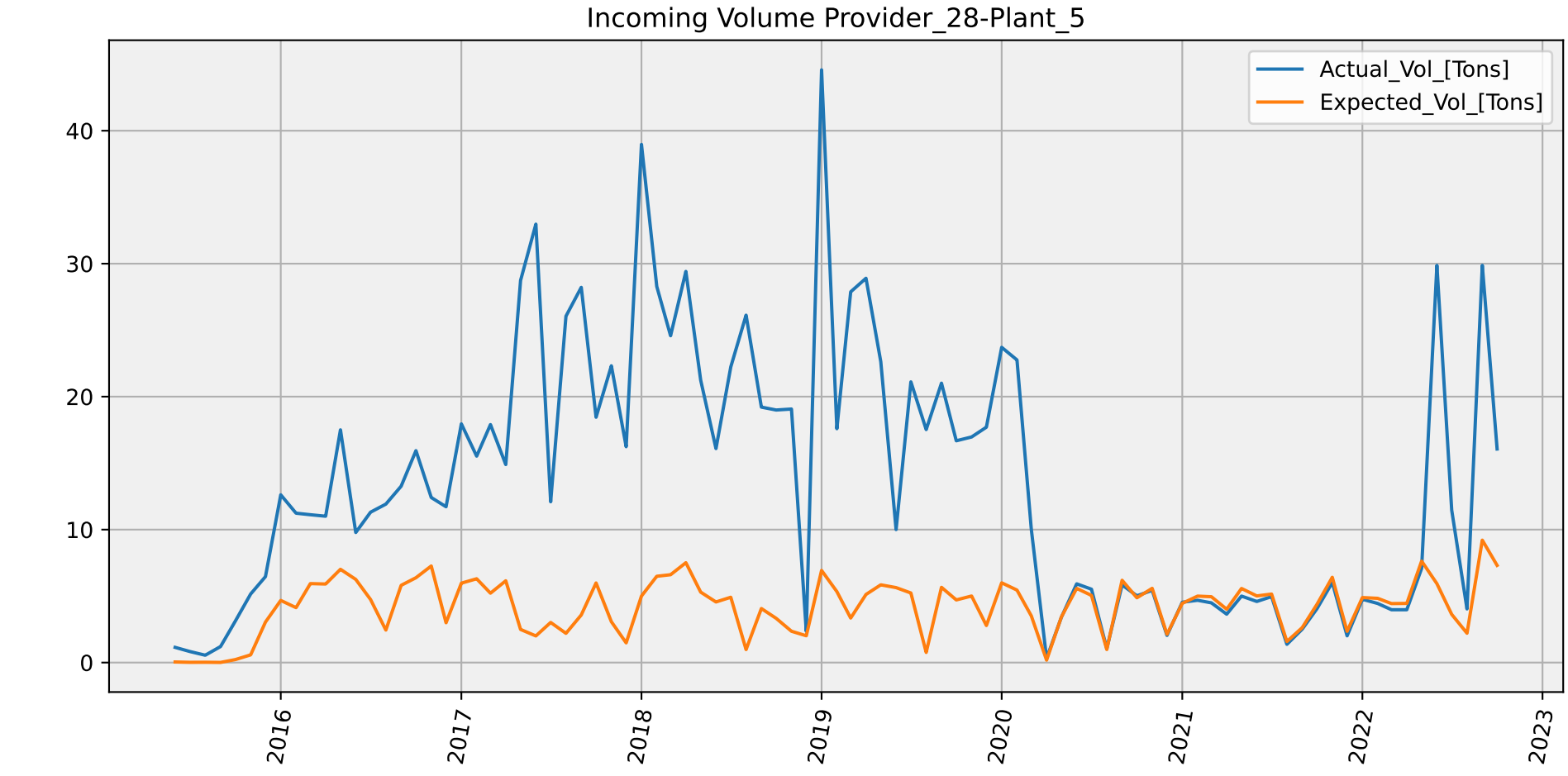

Production Level Plant_20
Production
160000
140000
120000
100000
80000
60000
40000
20000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

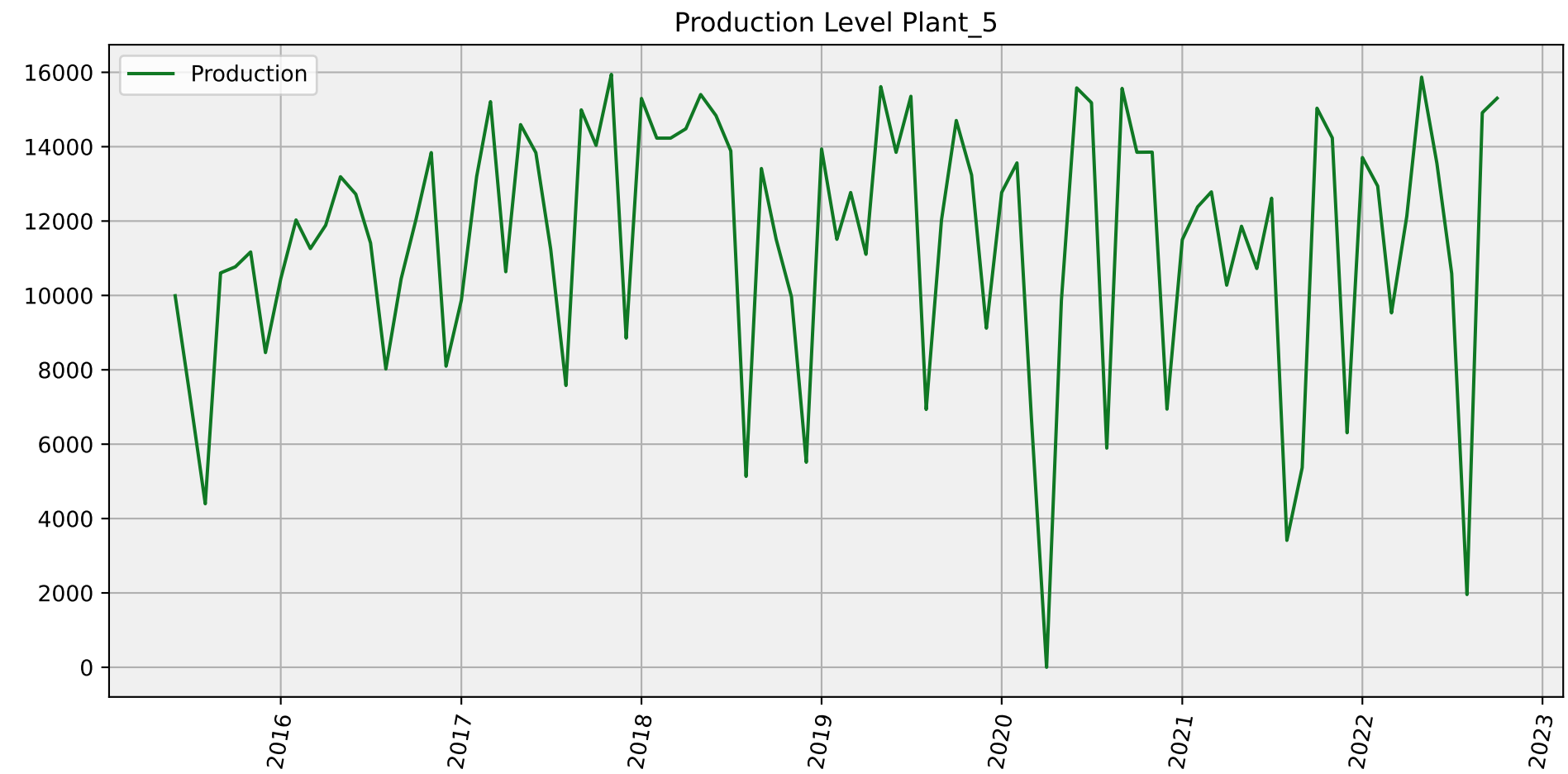

Volume/Production Ratio Provider_28-Plant_20
Vol/Prod_ratio_kg
50
40
30
20
10
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

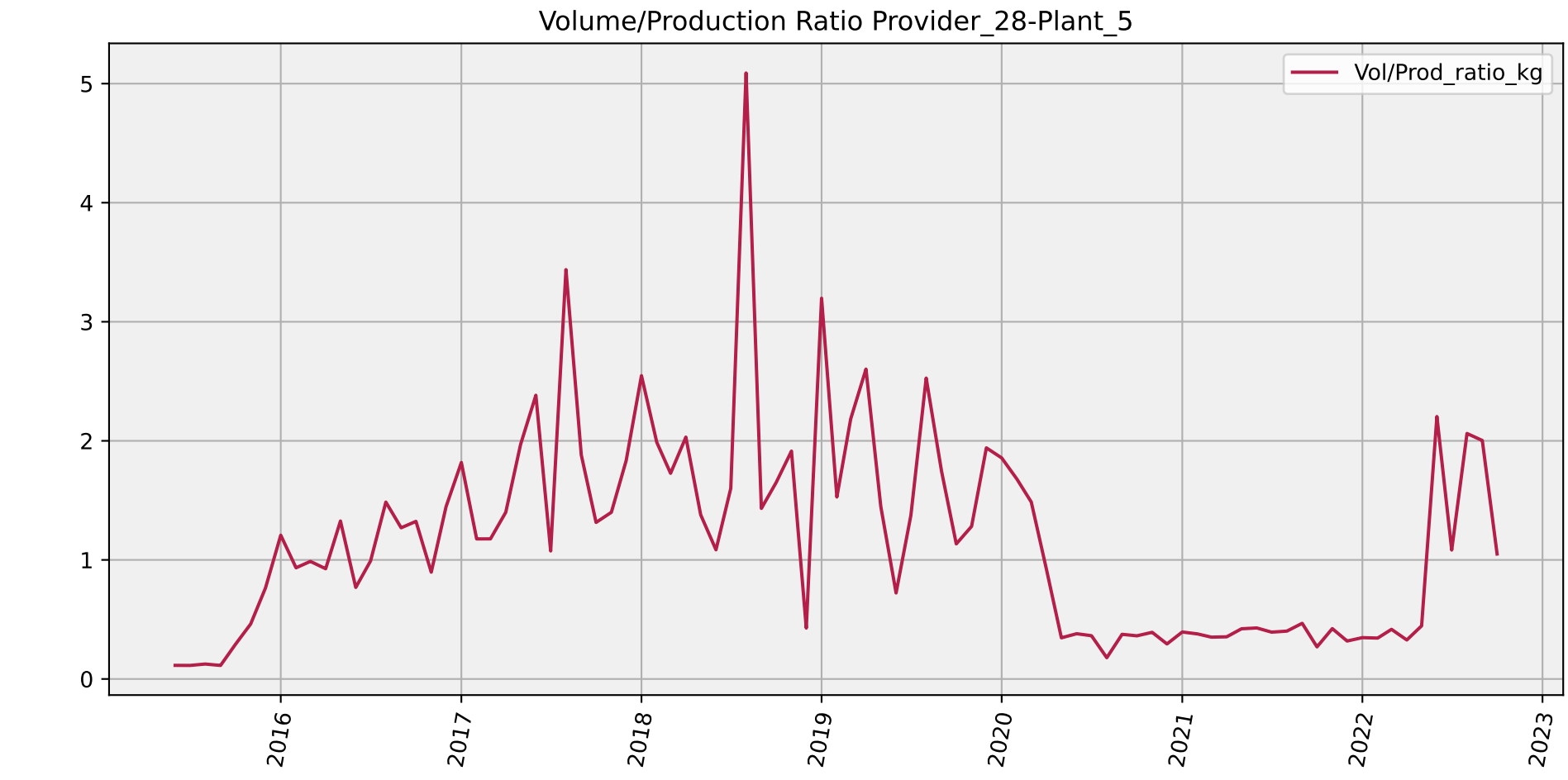

Incoming Volume Provider_28-Plant_4
Actual_Vol_[Tons]
Expected_Vol_[Tons]
500
400
300
200
100
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

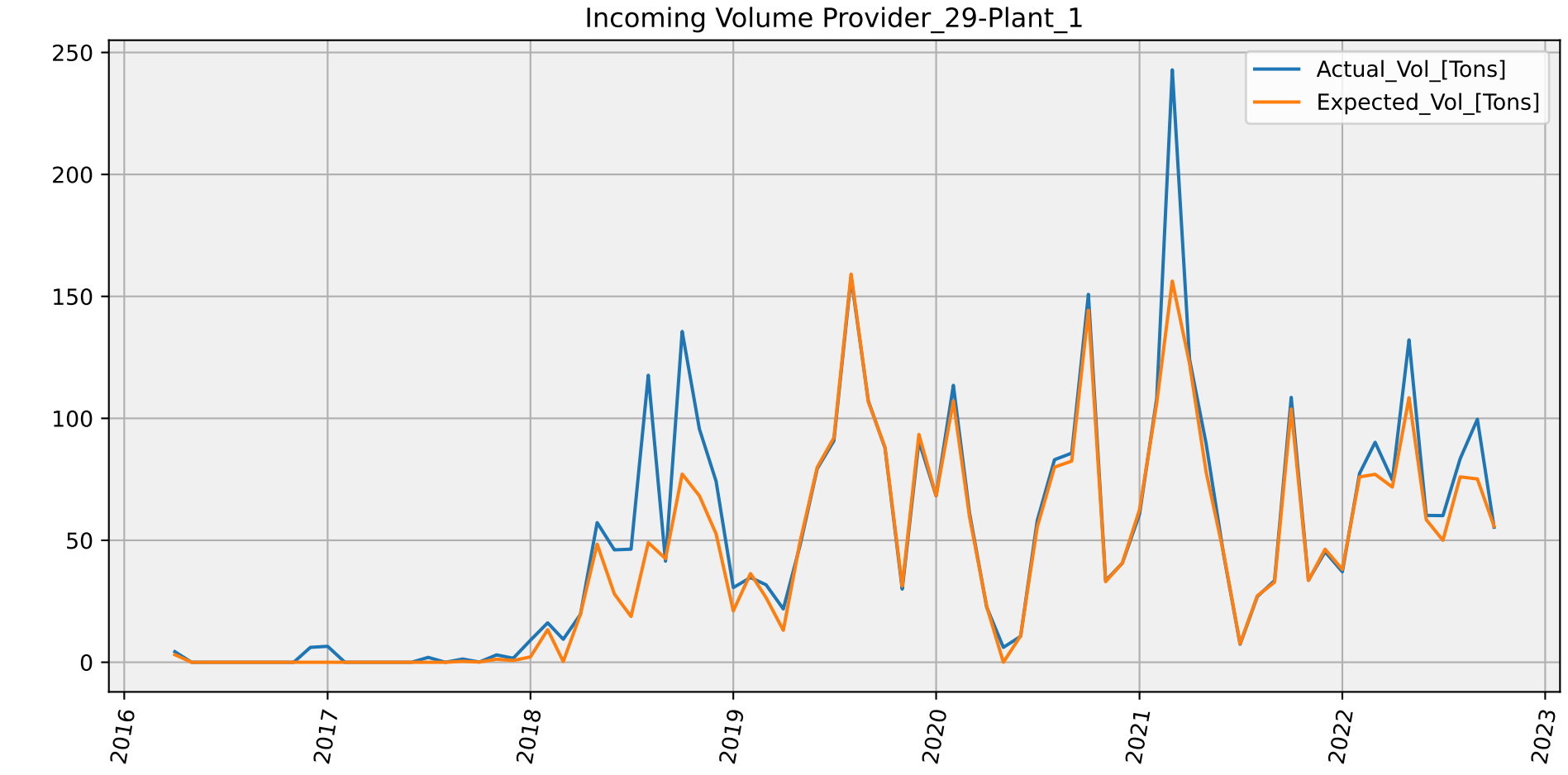

Production Level Plant_4
Production
400000
300000
200000
100000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

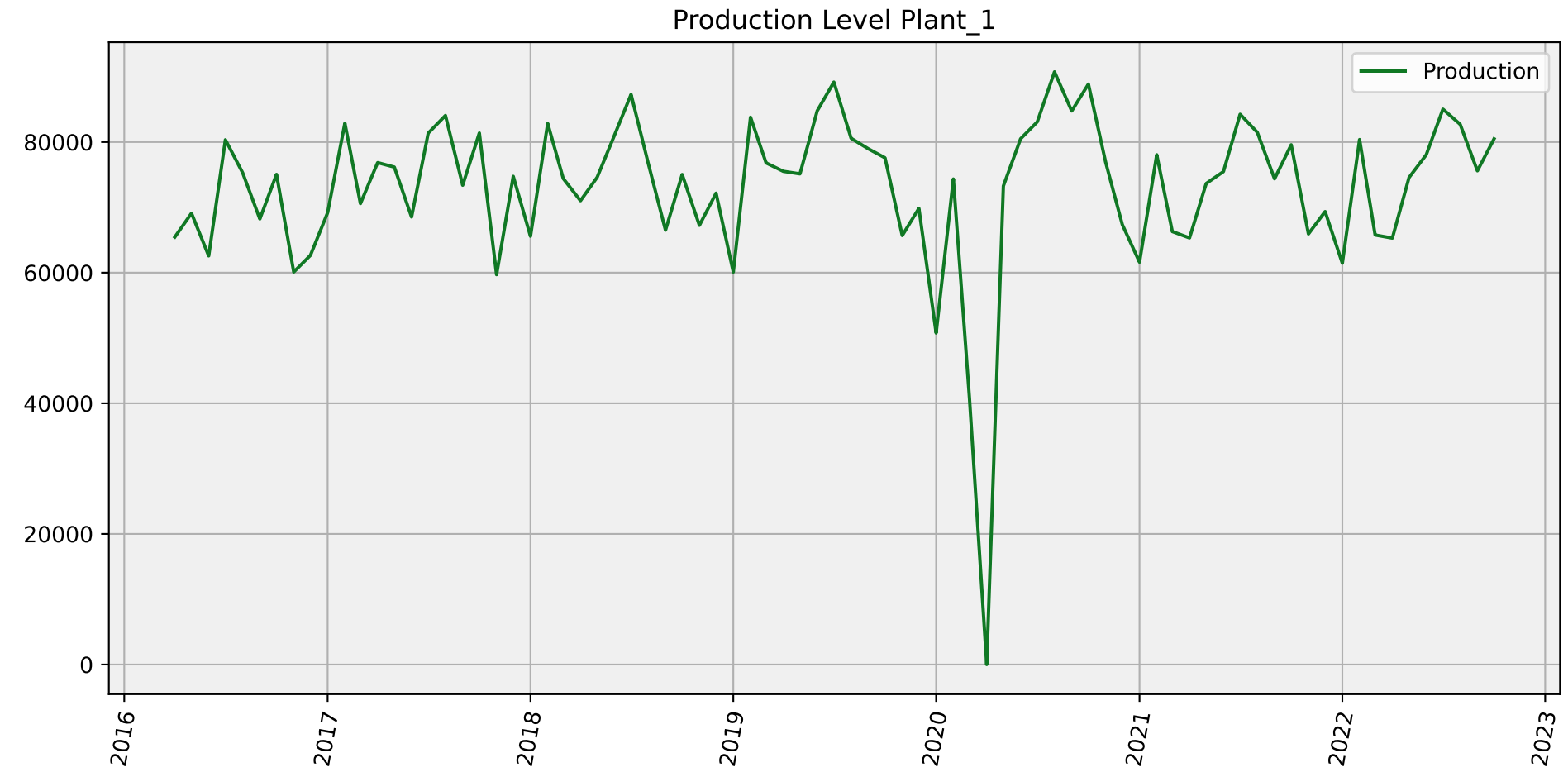

Volume/Production Ratio Provider_28-Plant_4
Vol/Prod_ratio_kg
1.2
1.0
0.8
0.6
0.4
0.2
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

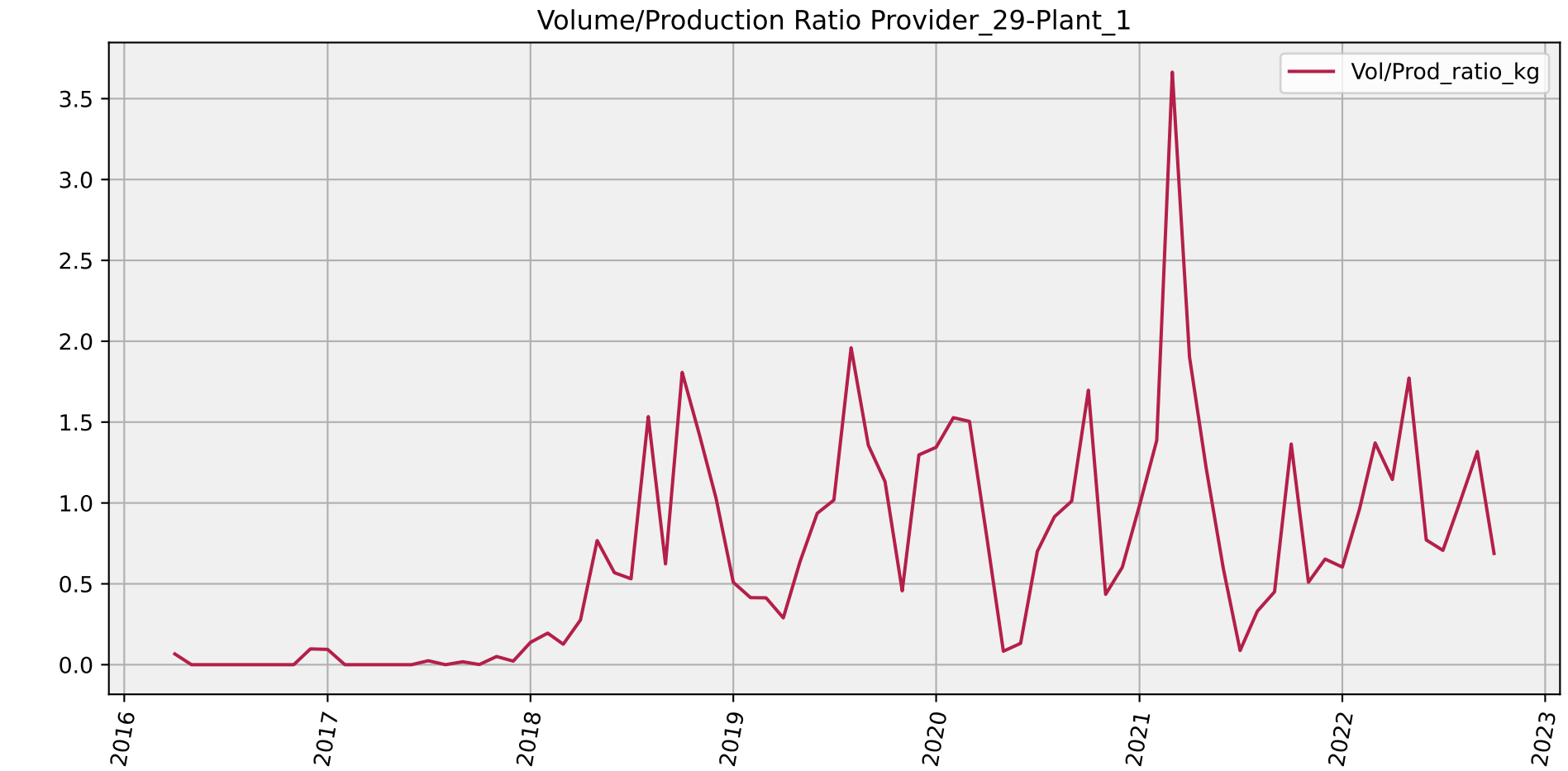

Incoming Volume Provider_28-Plant_5
Actual_Vol_[Tons]
Expected_Vol_[Tons]
40
30
20
10
0
2016
2017
2018
2019
2020
2021
2022
2023

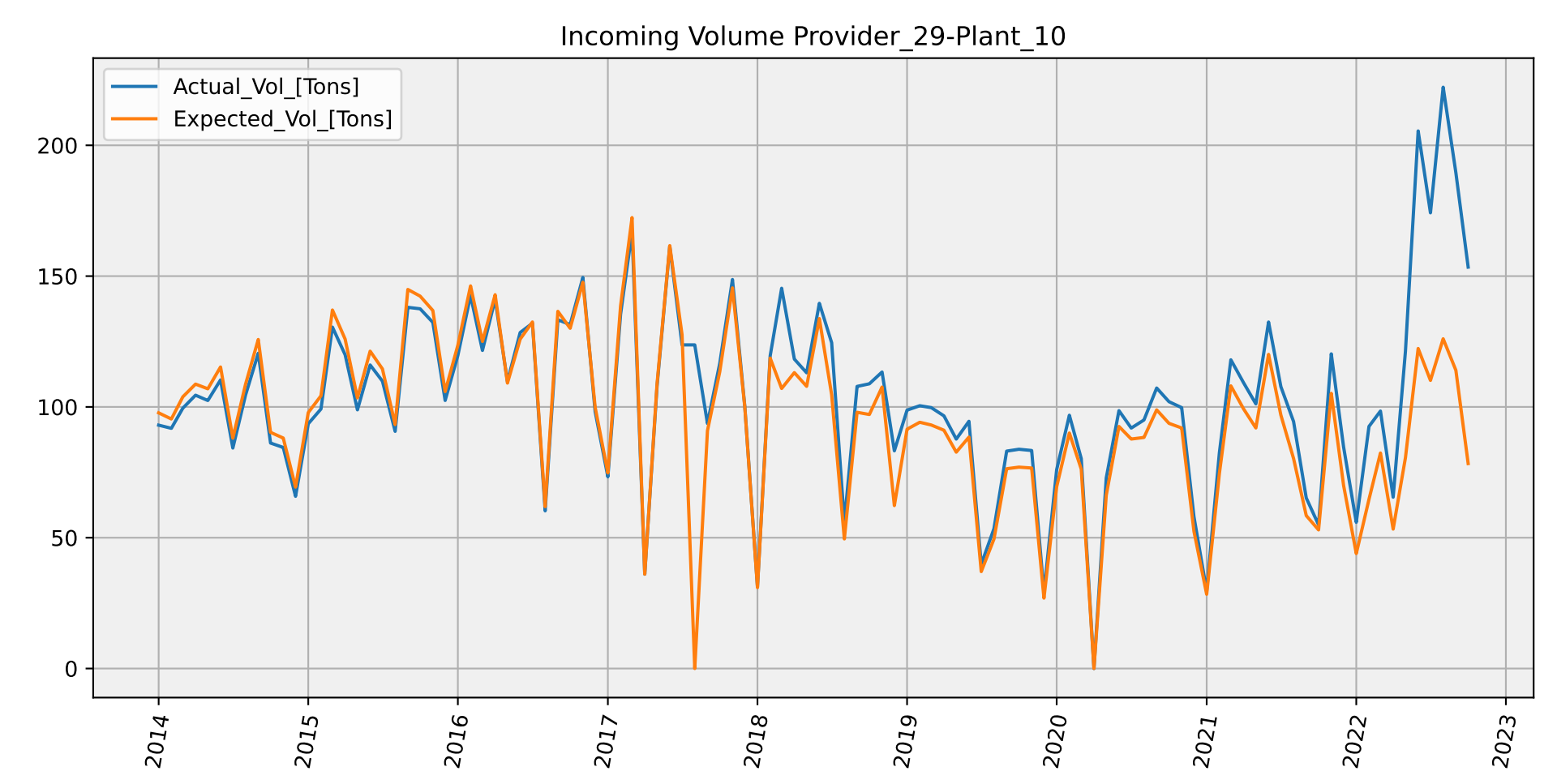

Production Level Plant_5
Production
16000
14000
12000
10000
8000
6000
4000
2000
0
2016
2017
2018
2019
2020
2021
2022
2023

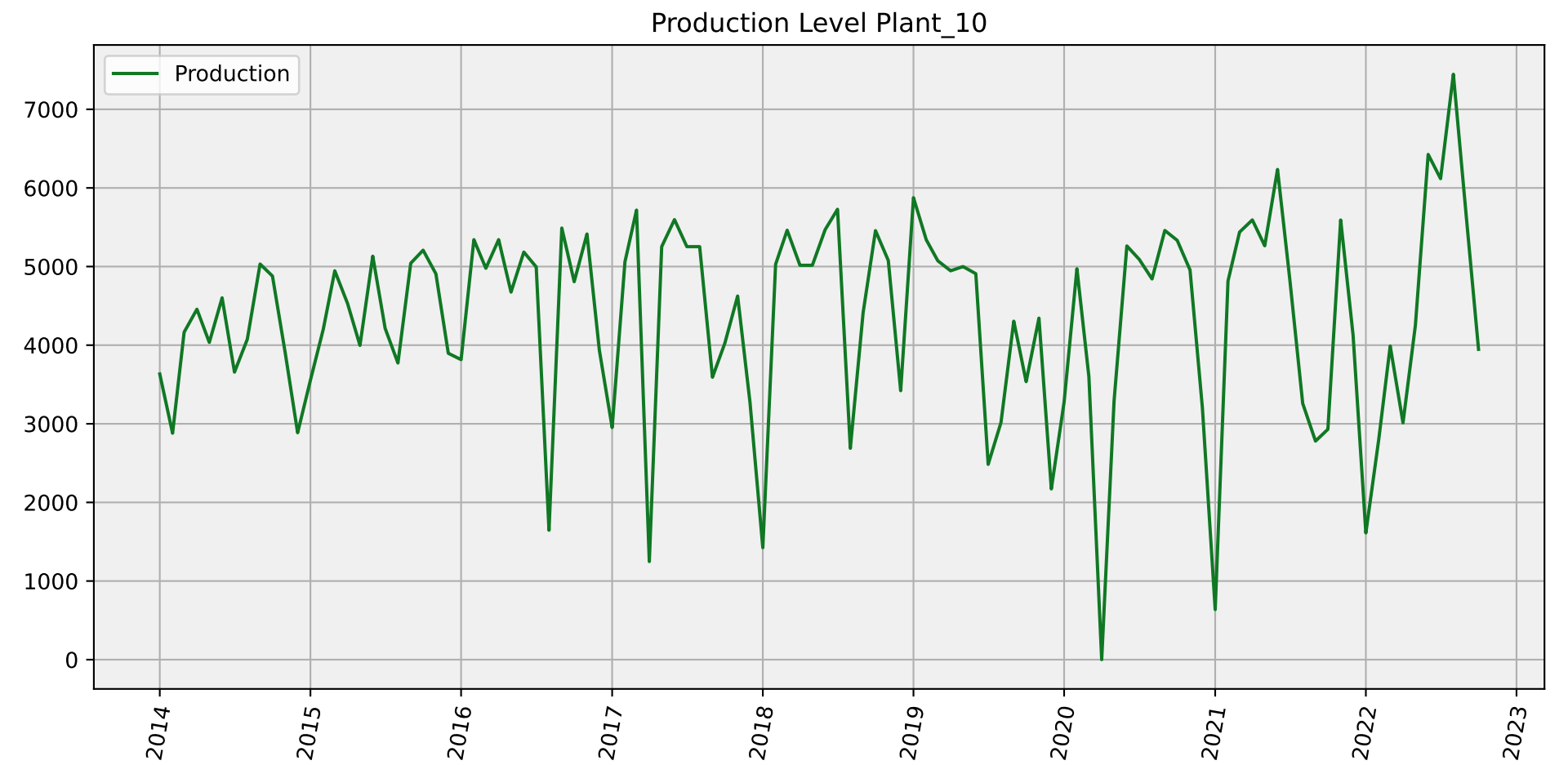

Volume/Production Ratio Provider_28-Plant_5
Vol/Prod_ratio_kg
5
4
3
2
1
0
2016
2017
2018
2019
2020
2021
2022
2023

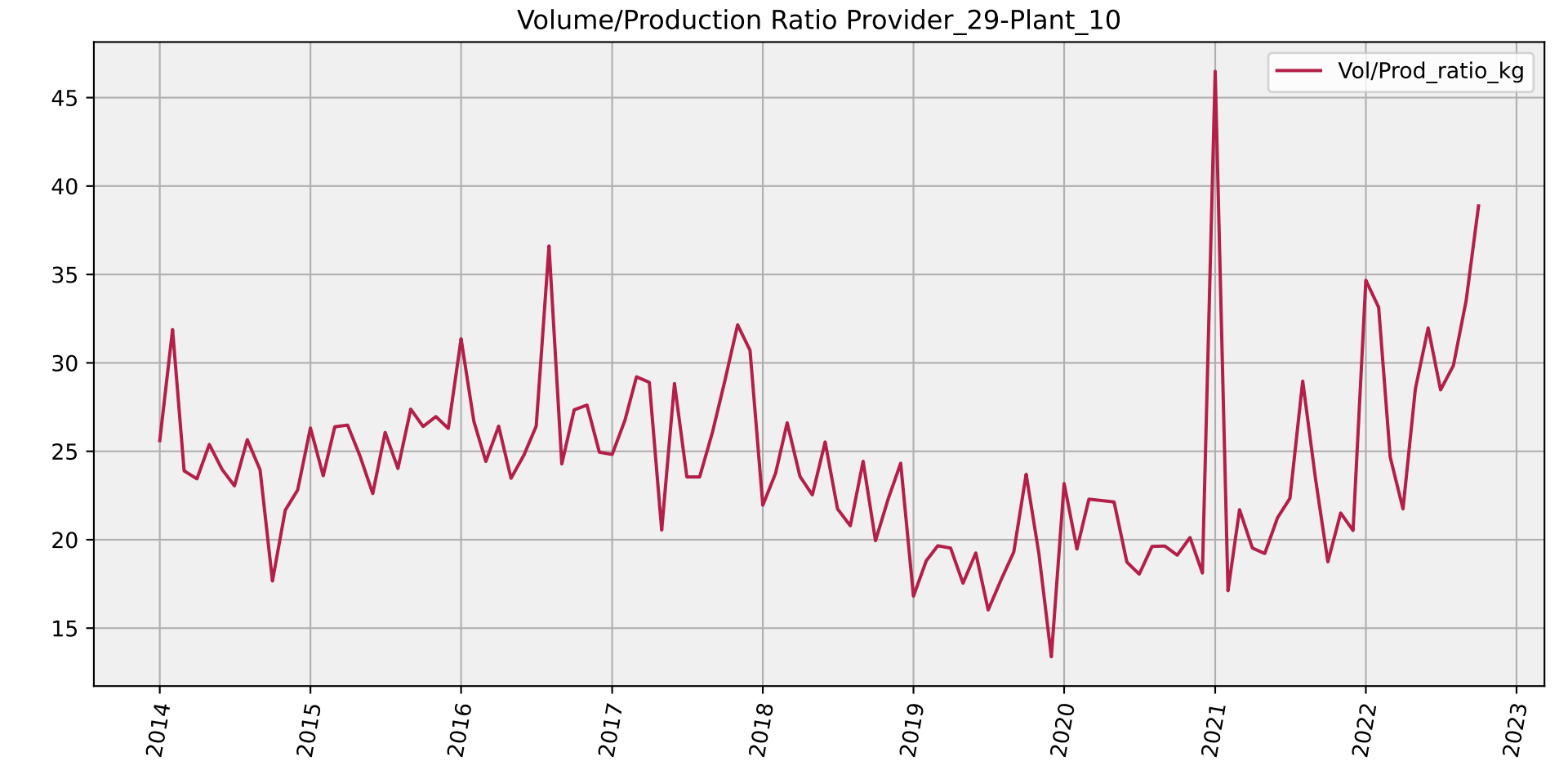

Incoming Volume Provider_29-Plant_1
Actual_Vol_[Tons]
Expected_Vol_[Tons]
250
200
150
100
50
0
2016
2017
2018
2019
2020
2021
2022
2023


Production Level Plant_1
Production
80000
60000
40000
20000
0
2016
2017
2018
2019
2020
2021
2022
2023

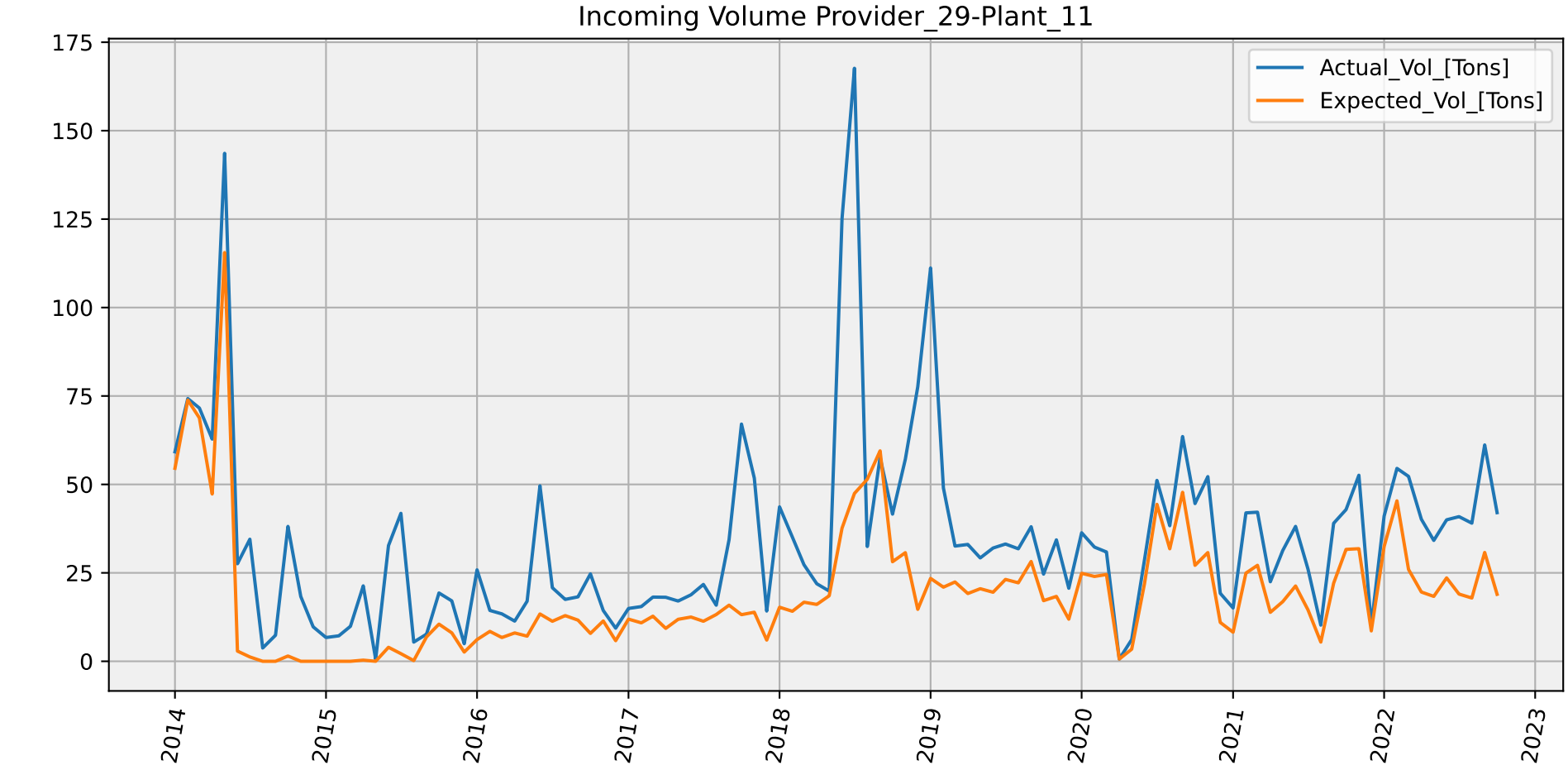

Volume/Production Ratio Provider_29-Plant_1
Vol/Prod_ratio_kg
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
2016
2017
2018
2019
2020
2021
2022
2023


Incoming Volume Provider_29-Plant_10
Actual_Vol_[Tons]
Expected_Vol_[Tons]
200
150
100
50
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

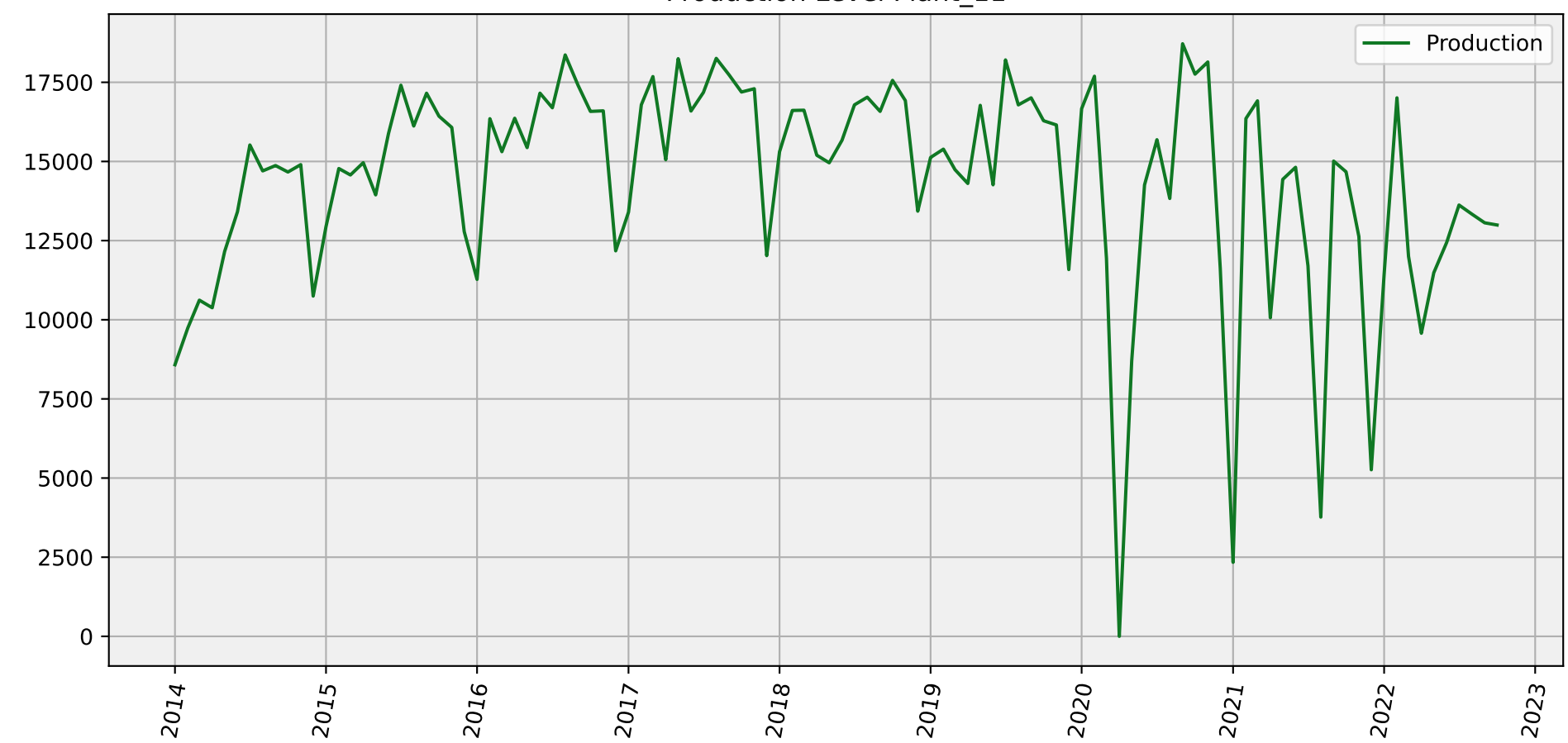

Production Level Plant_10
Production
7000
6000
5000
4000
3000
2000
1000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_29-Plant_10
Vol/Prod_ratio_kg
45
40
35
30
25
20
15
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

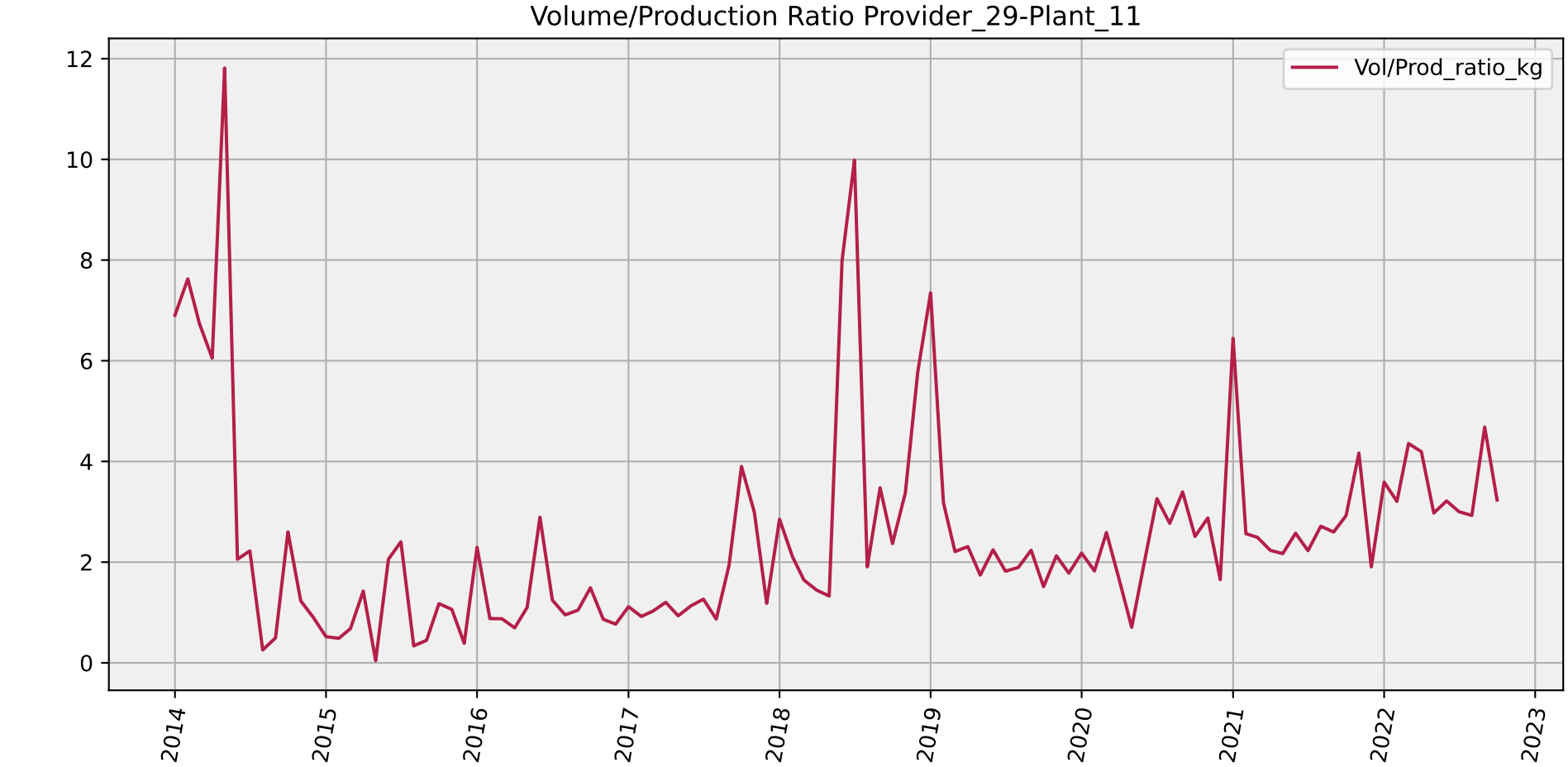
Incoming Volume Provider_29-Plant_11



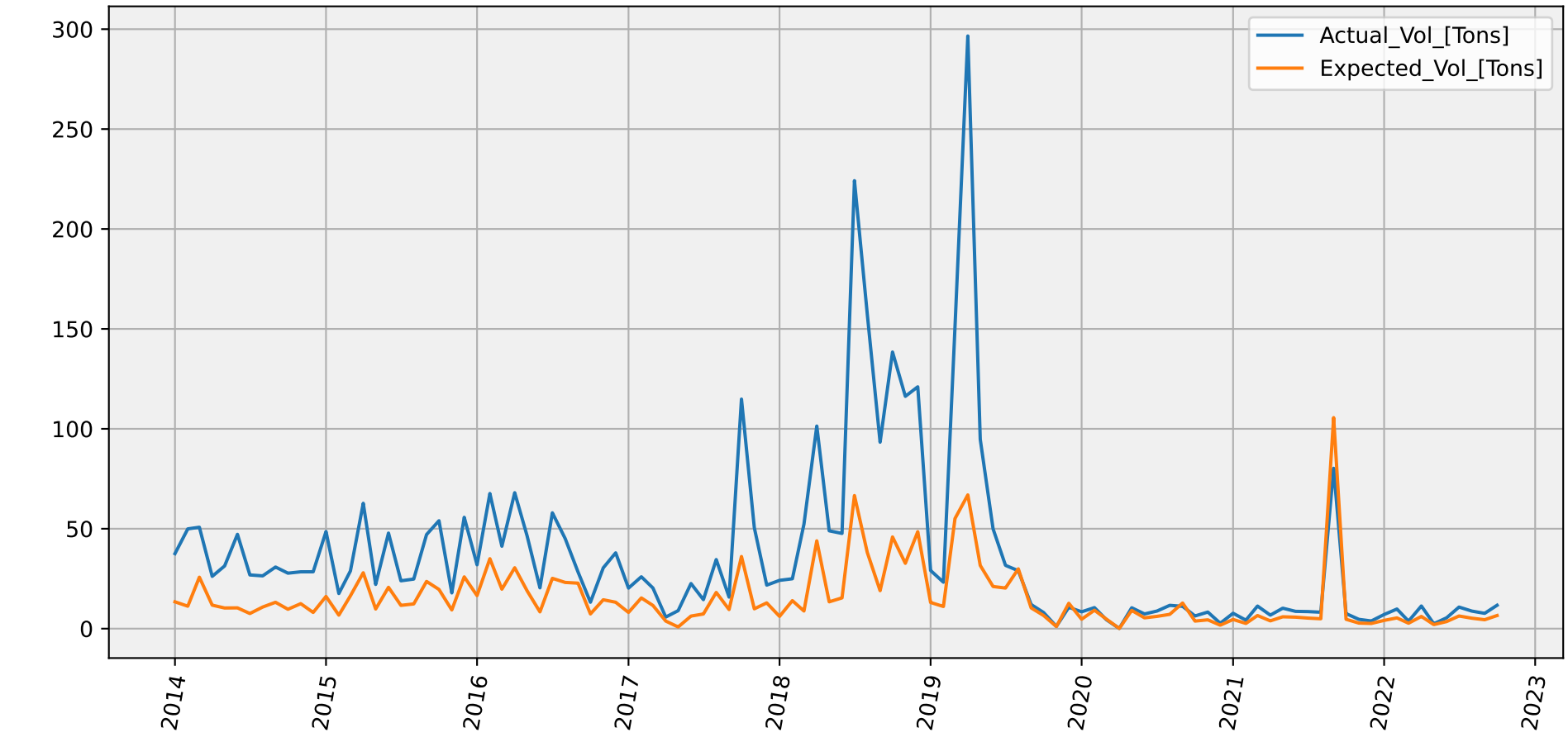
Production Level Plant_11



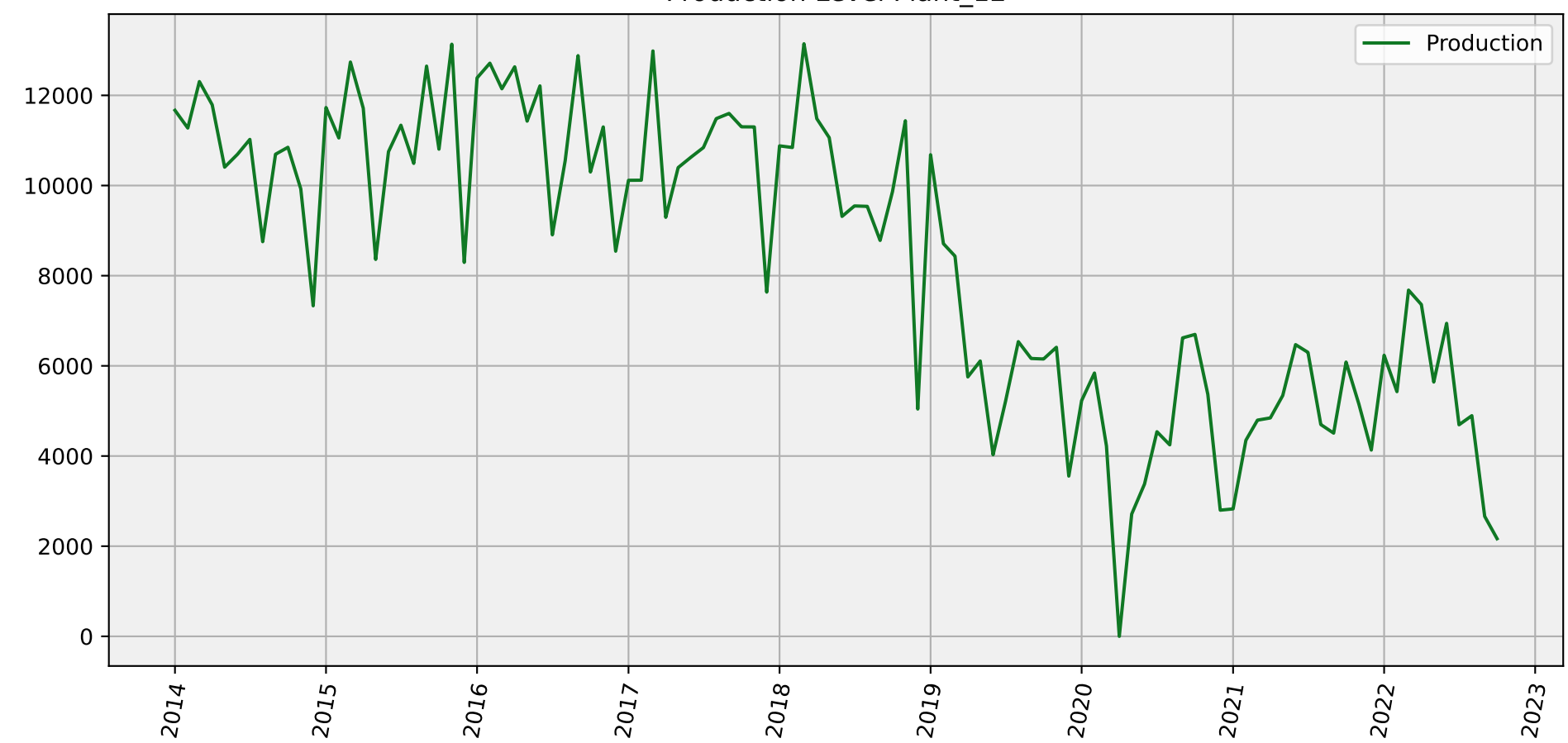
Volume/Production Ratio Provider_29-Plant_11



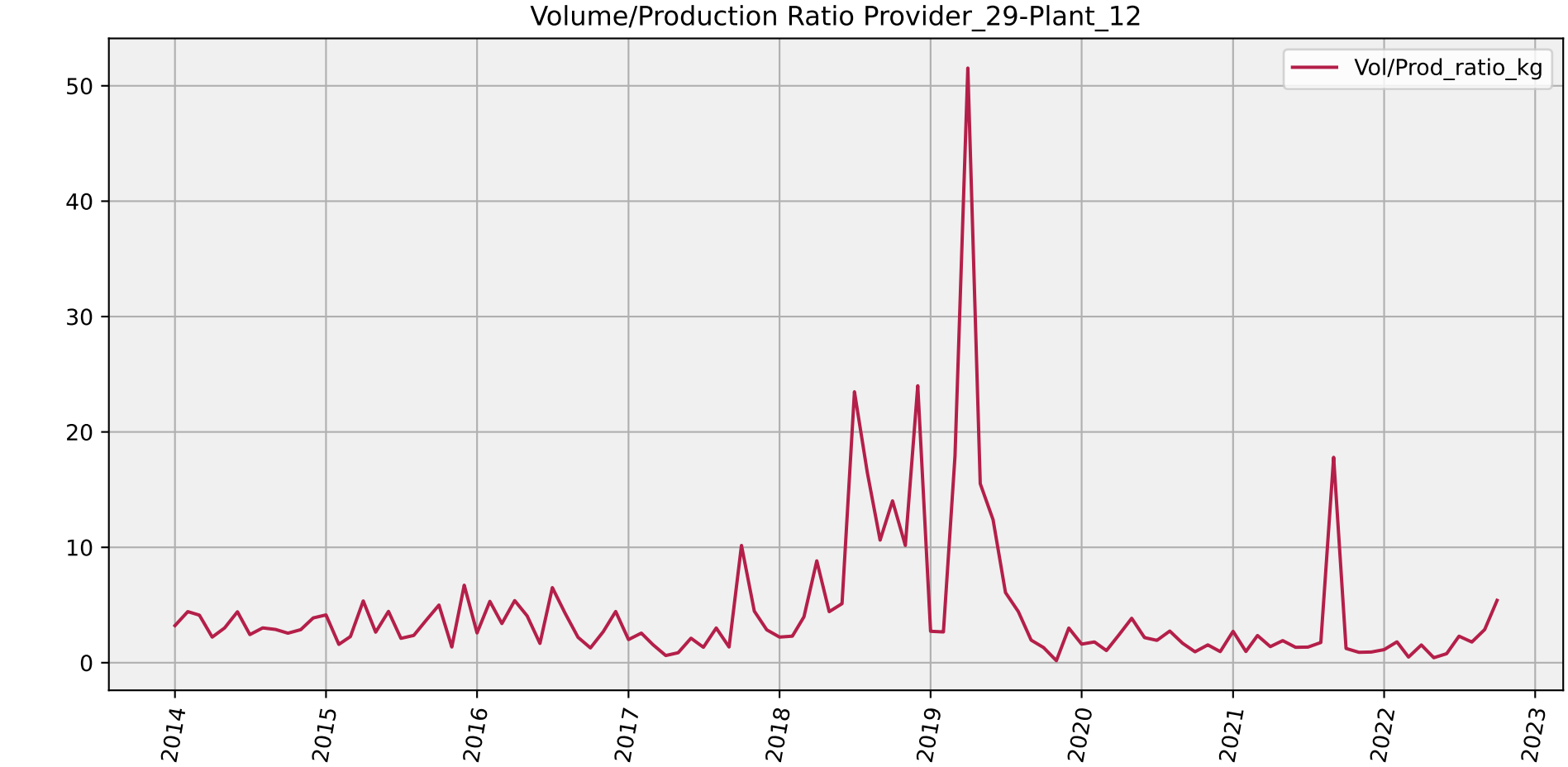
Incoming Volume Provider_29-Plant_12

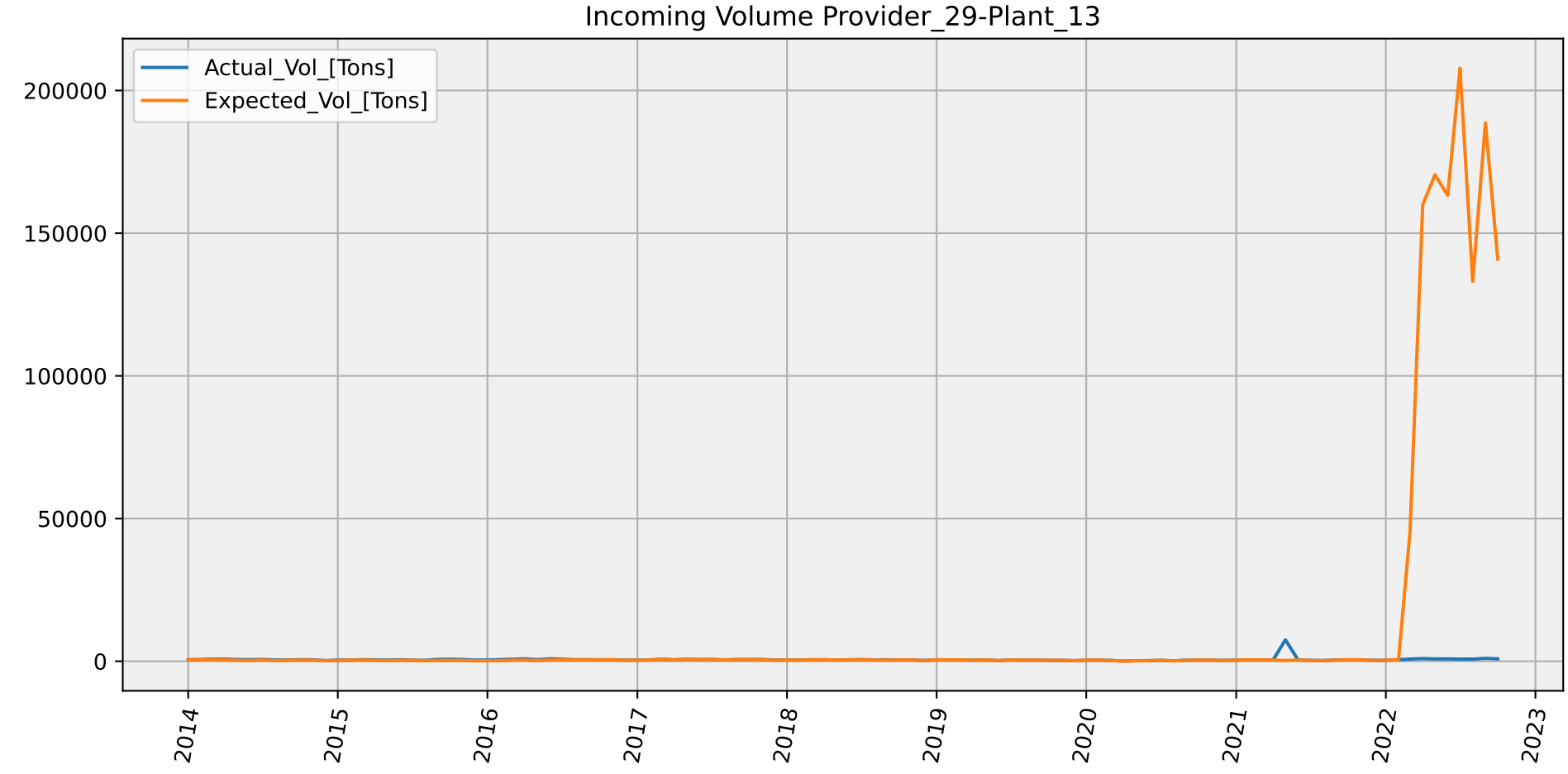


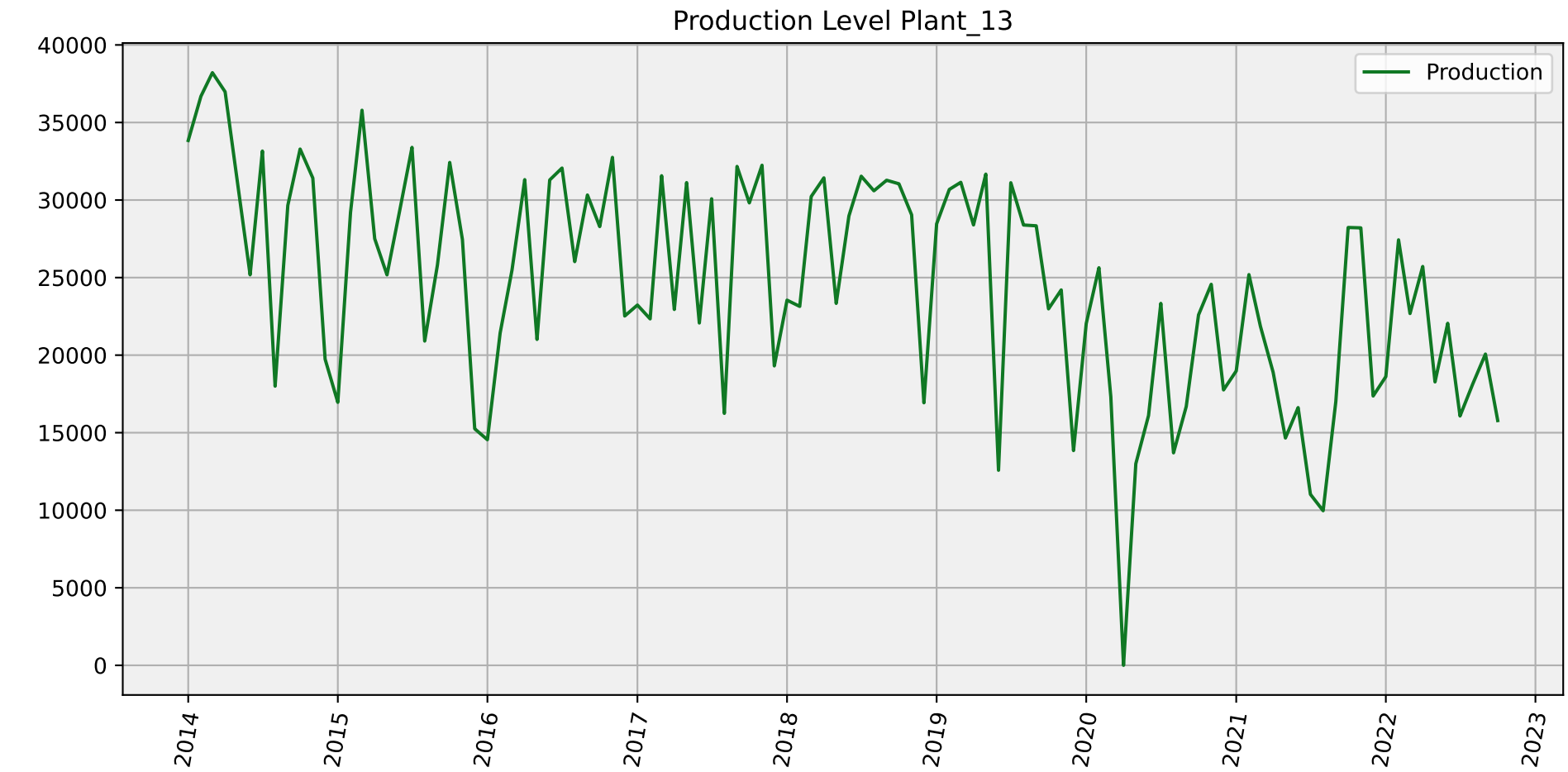
Production Level Plant_12

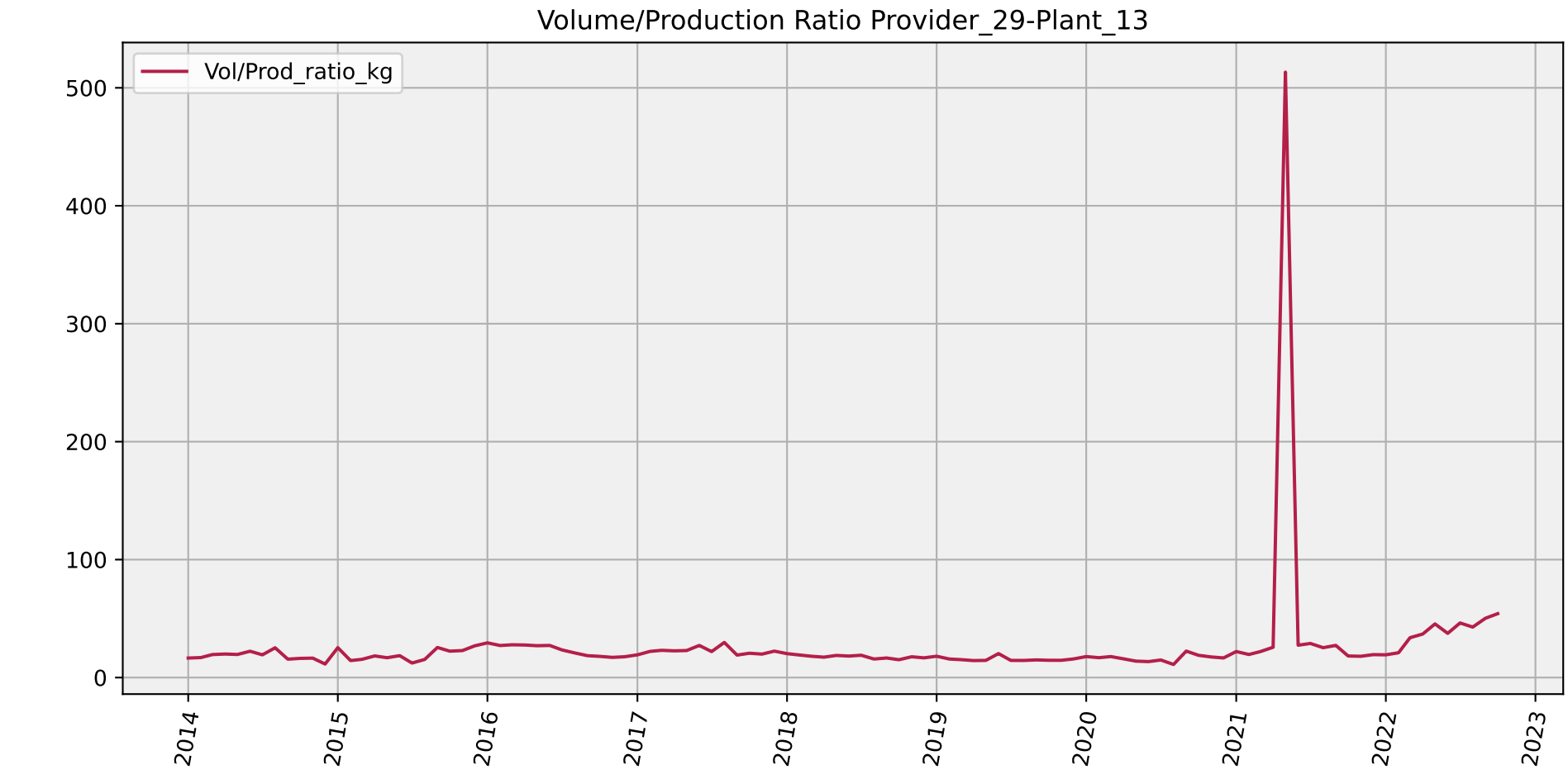


Volume/Production Ratio Provider_29-Plant_12

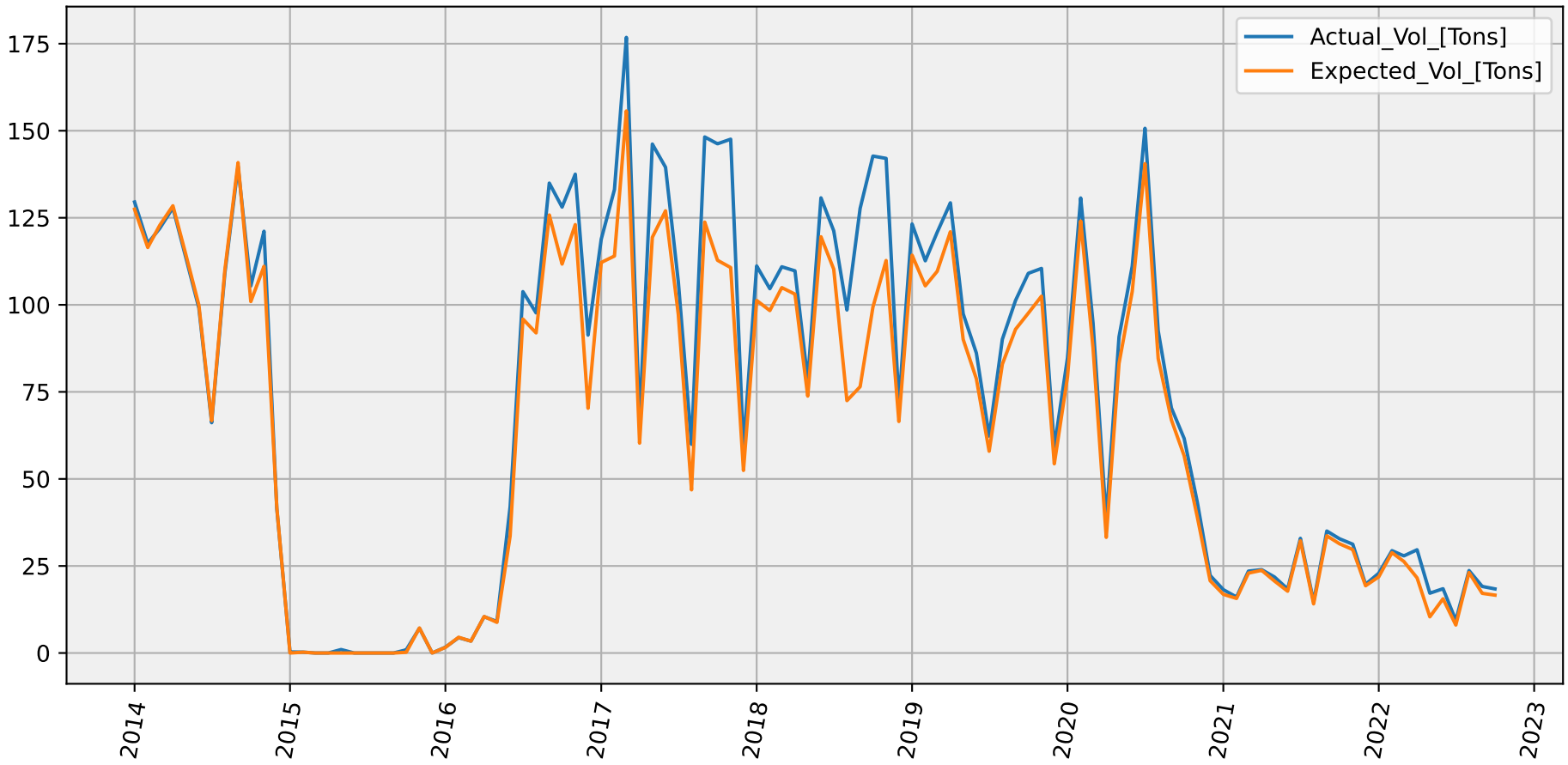



Incoming Volume Provider_29-Plant_13
Actual_Vol_[Tons]
Expected_Vol_[Tons]
200000
150000
100000
50000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

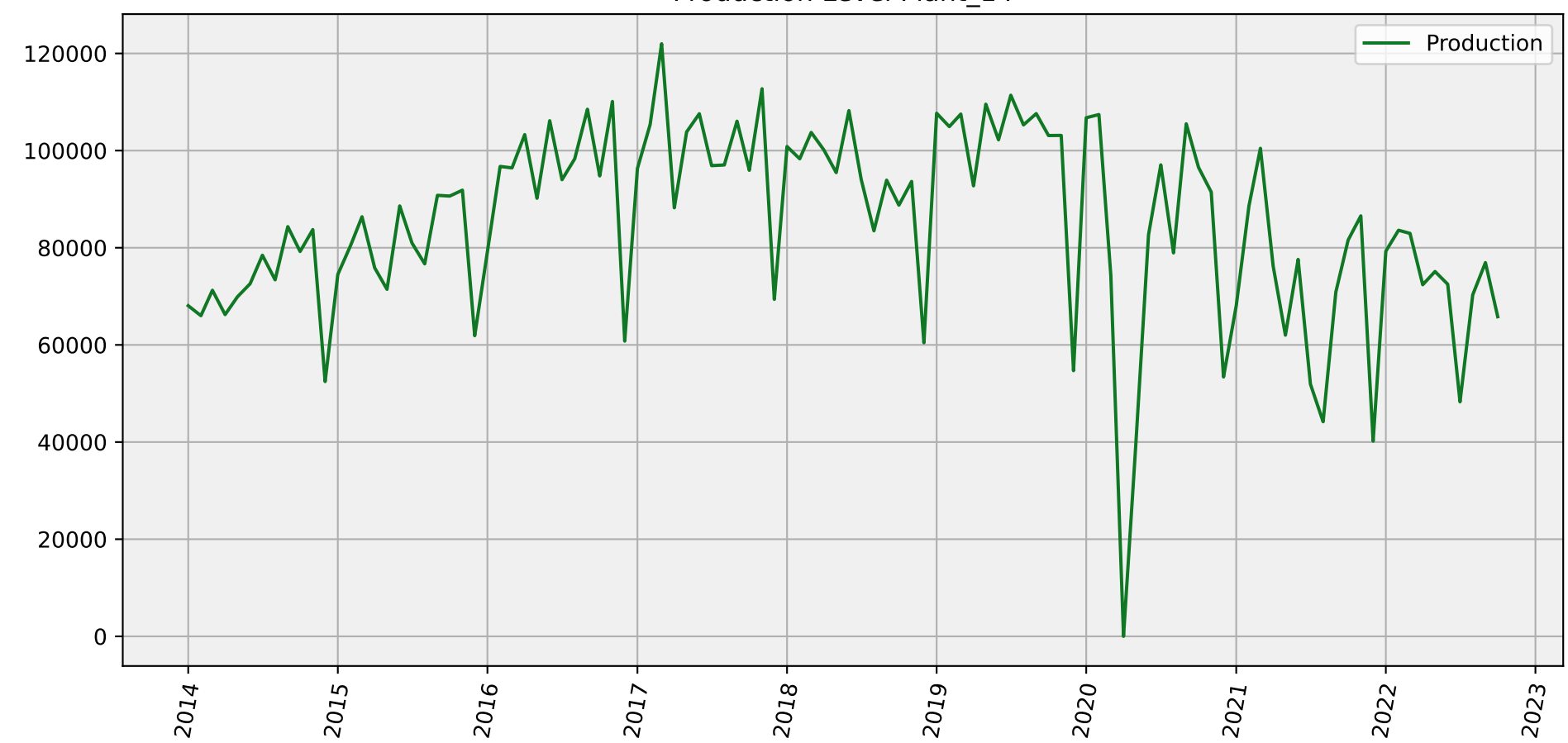

Production Level Plant_13
Production
40000
35000
30000
25000
20000
15000
10000
5000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_29-Plant_13
Vol/Prod_ratio_kg
500
400
300
200
100
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

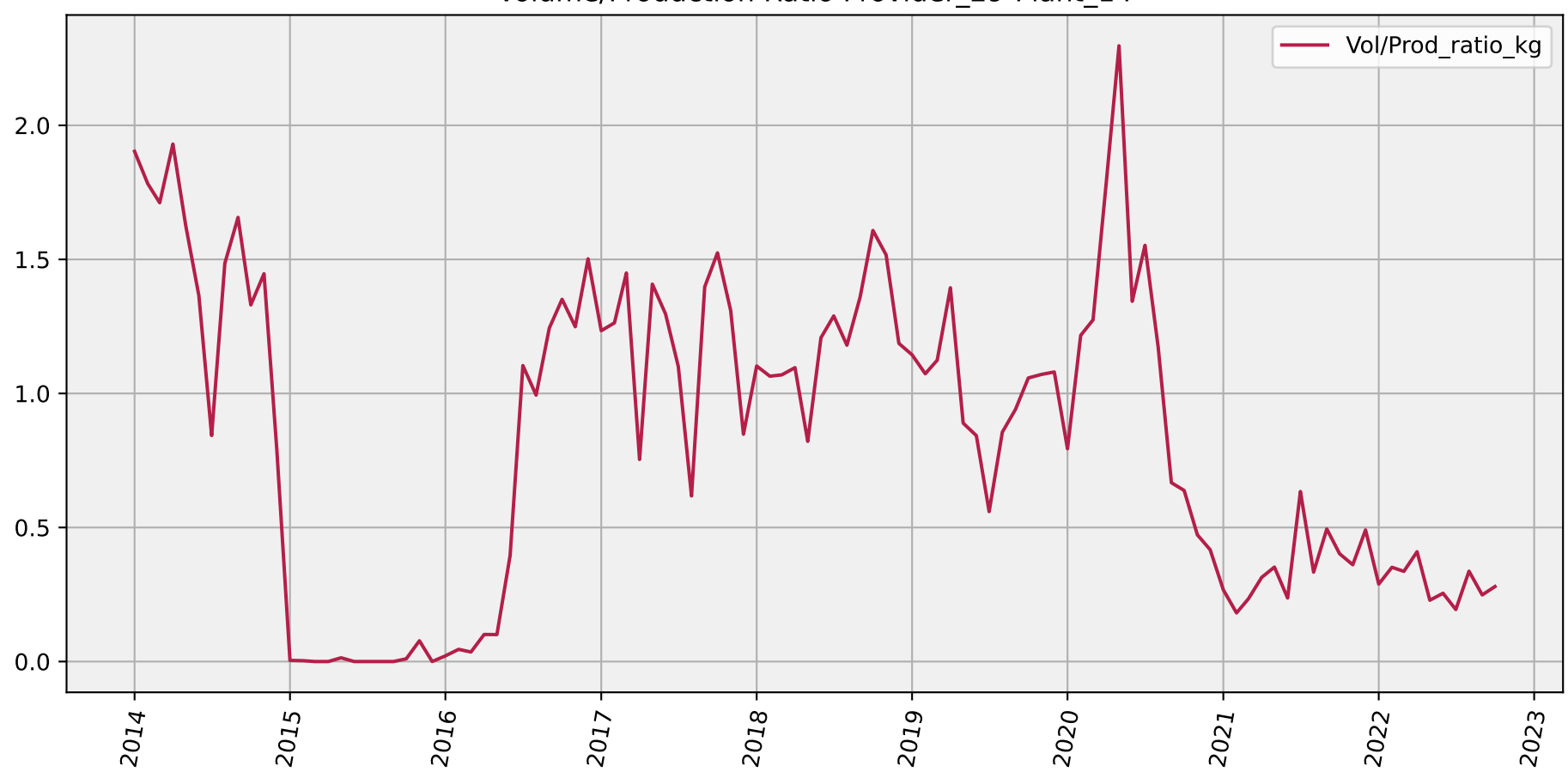
Incoming Volume Provider_29-Plant_14

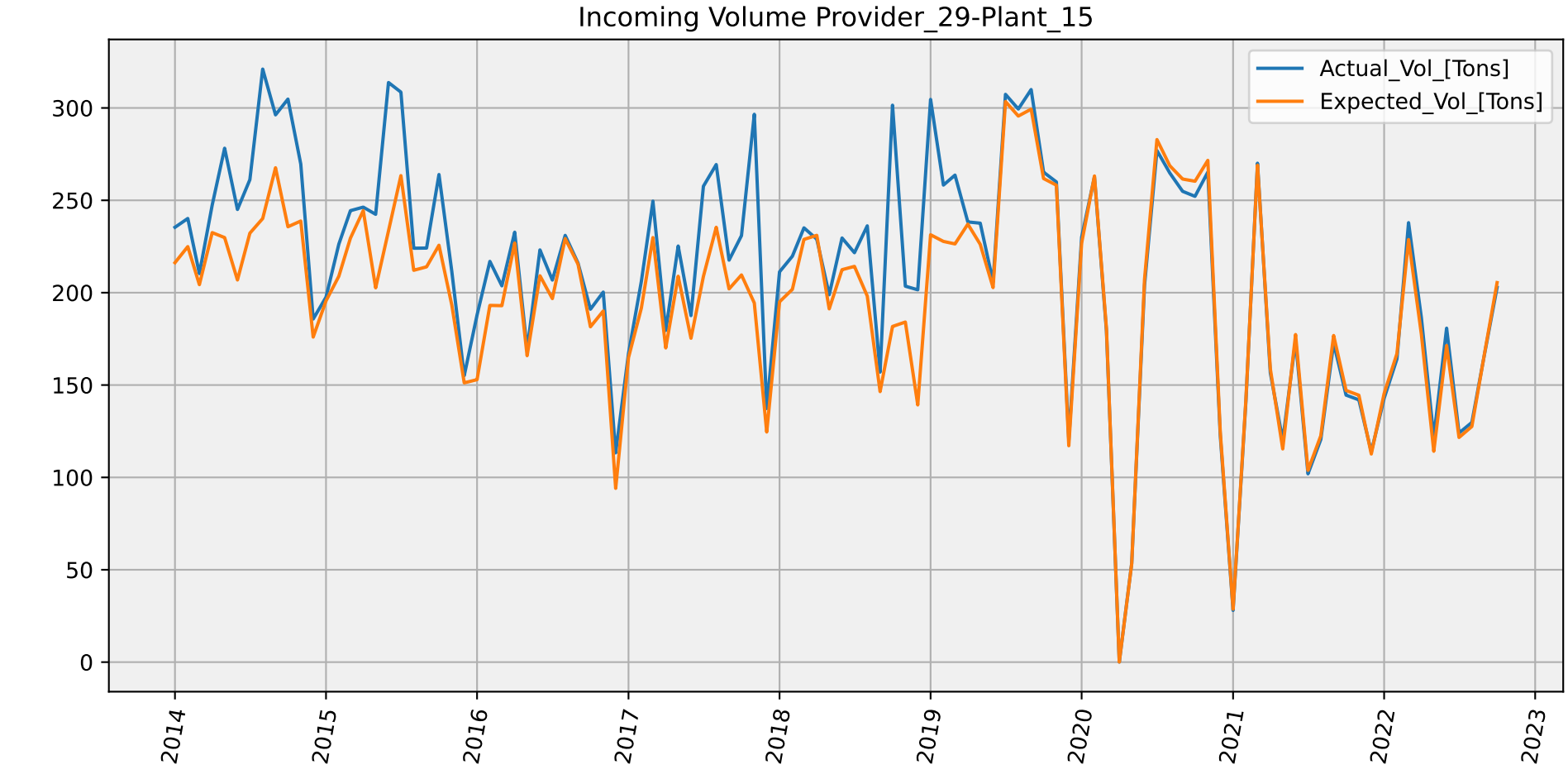


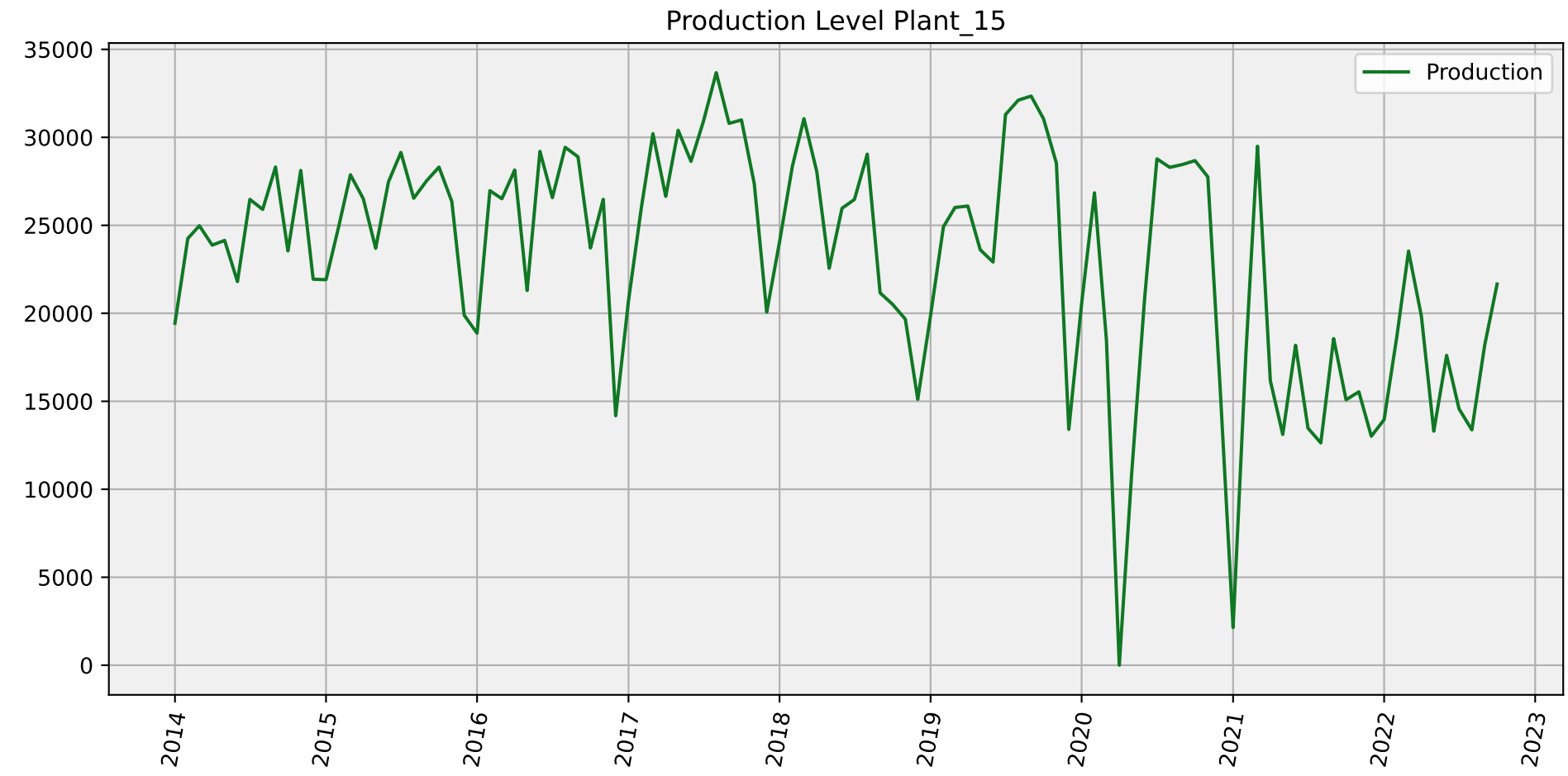
Production Level Plant_14

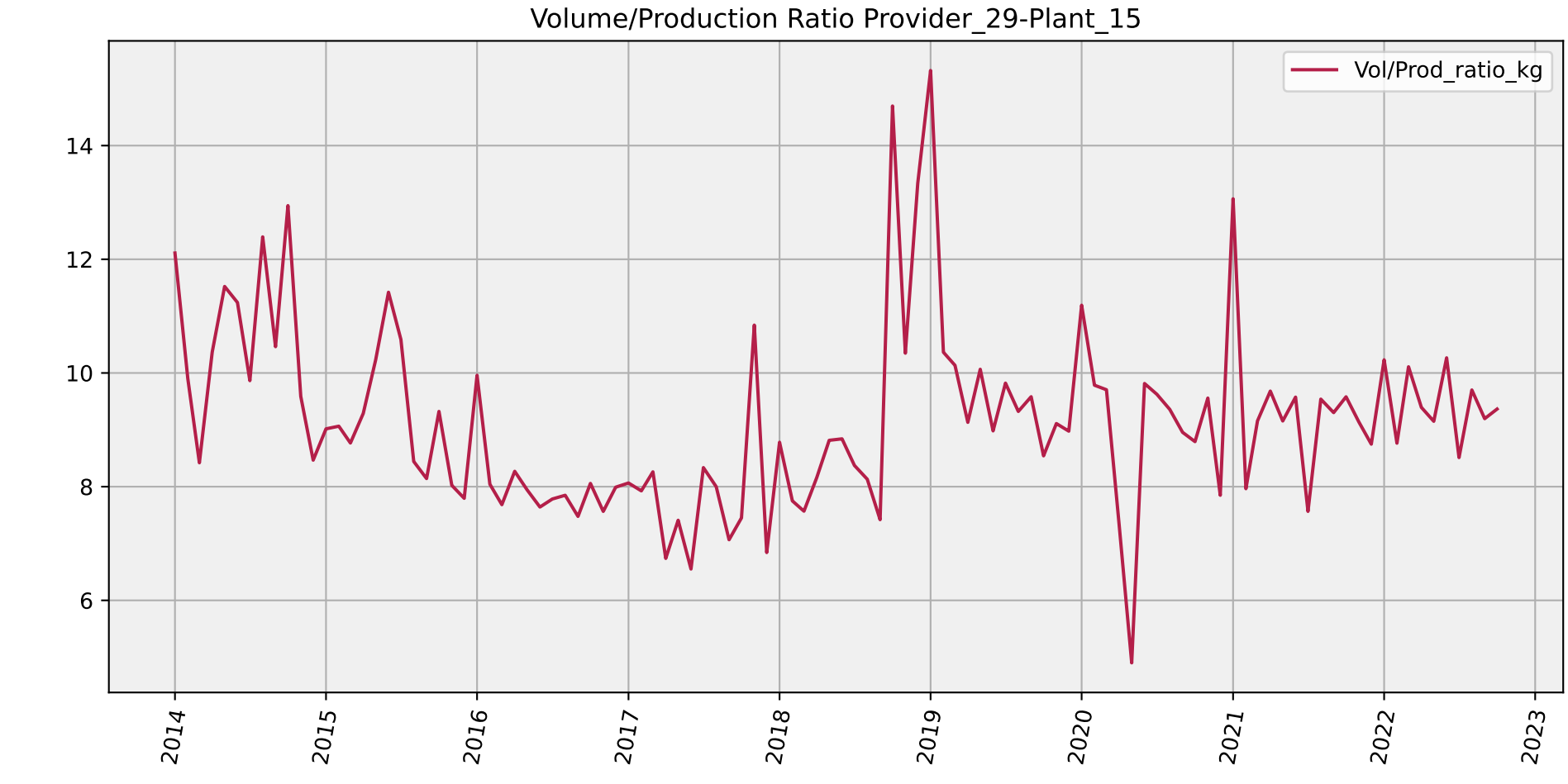


Volume/Production Ratio Provider_29-Plant_14

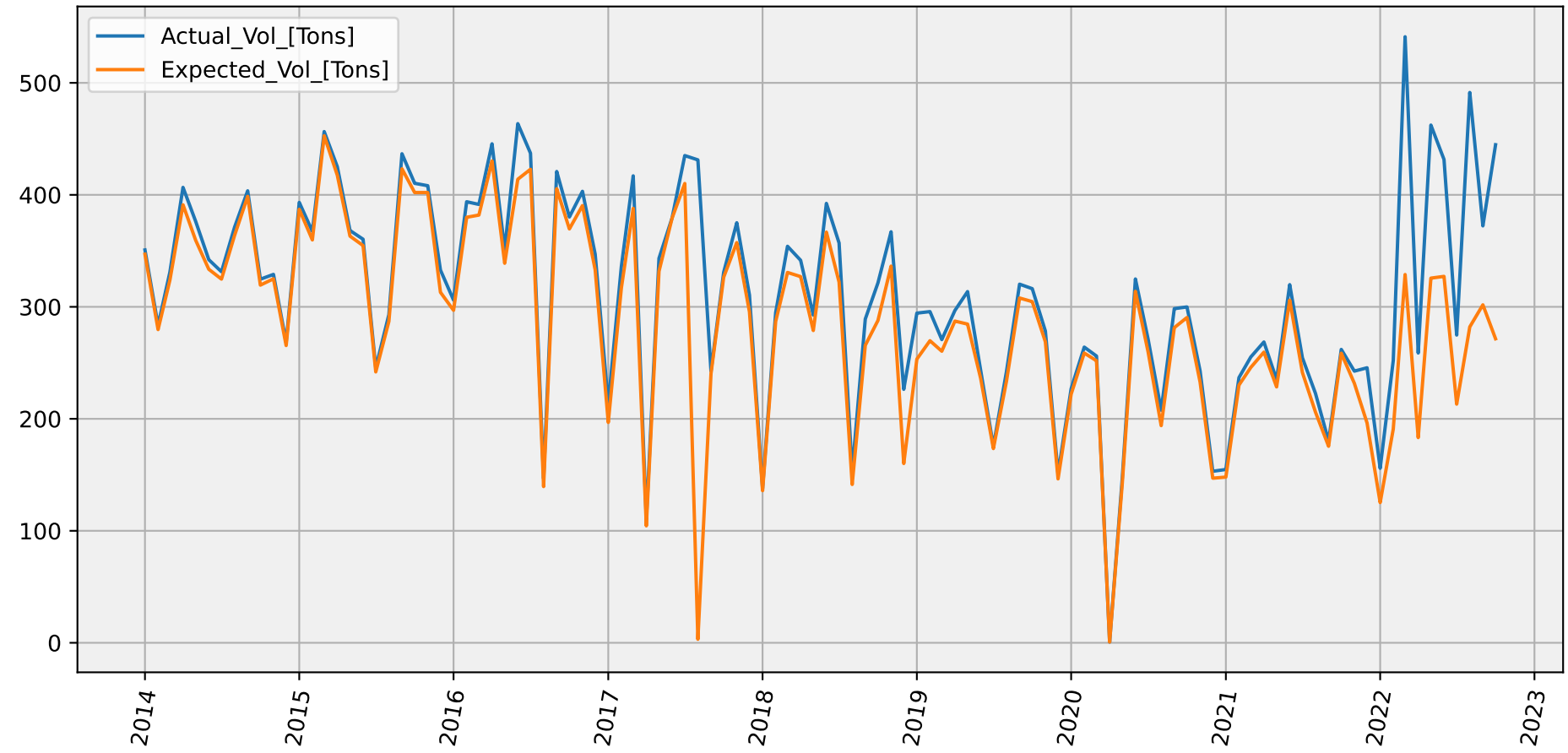



Incoming Volume Provider_29-Plant_15
Actual_Vol_[Tons]
Expected_Vol_[Tons]
300
250
200
150
100
50
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

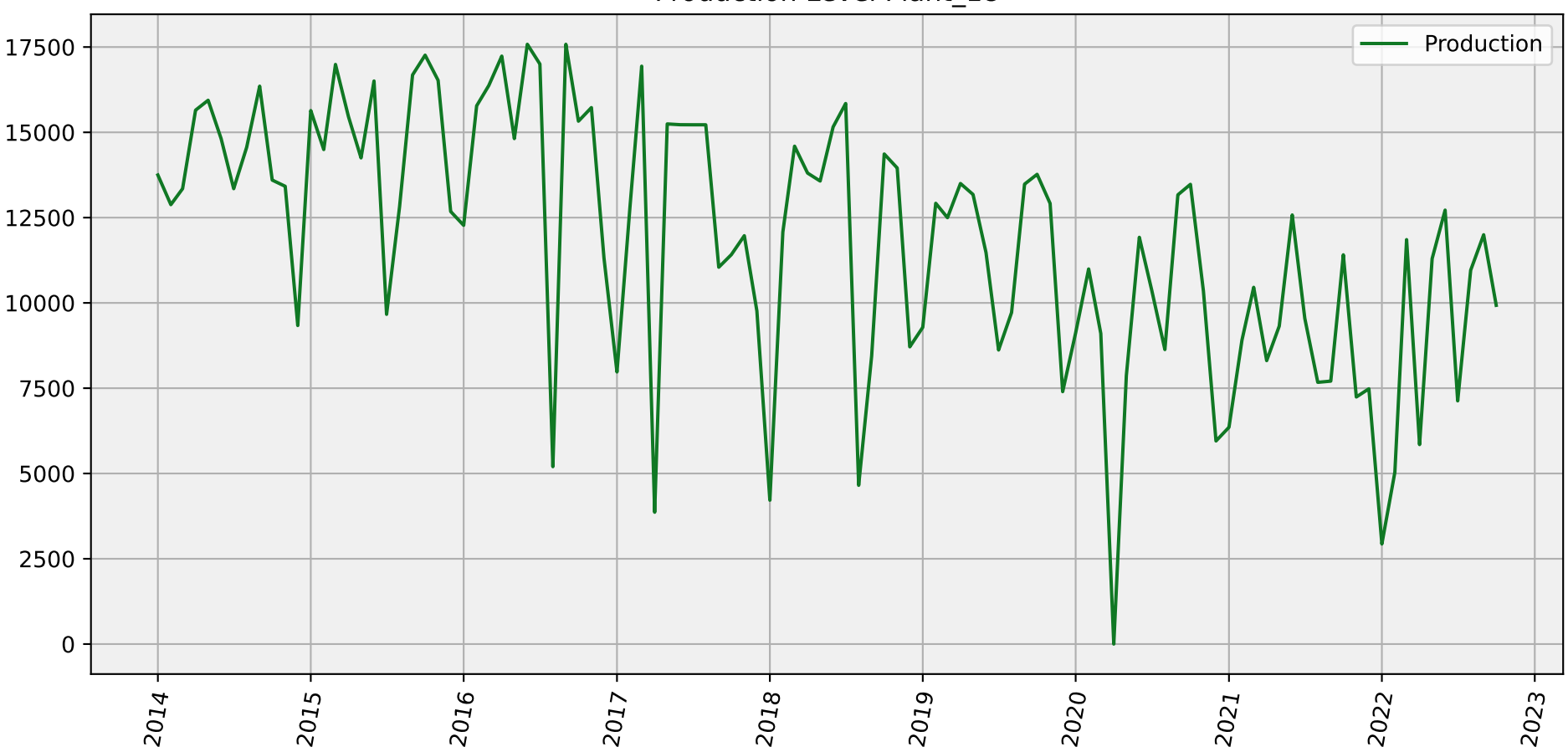

Production Level Plant_15
Production
35000
30000
25000
20000
15000
10000
5000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_29-Plant_15
Vol/Prod_ratio_kg
14
12
10
8
6
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

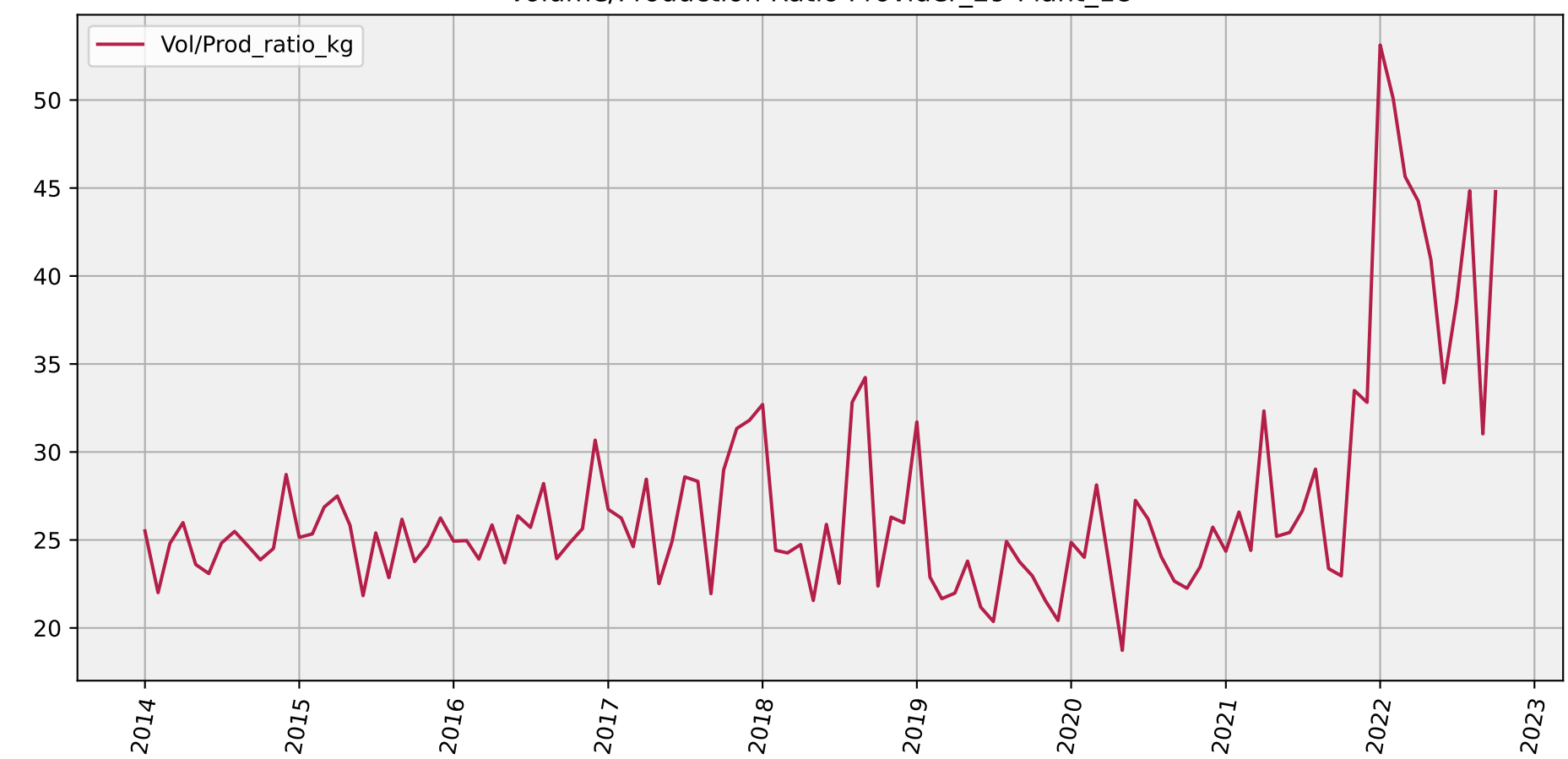
Incoming Volume Provider_29-Plant_18



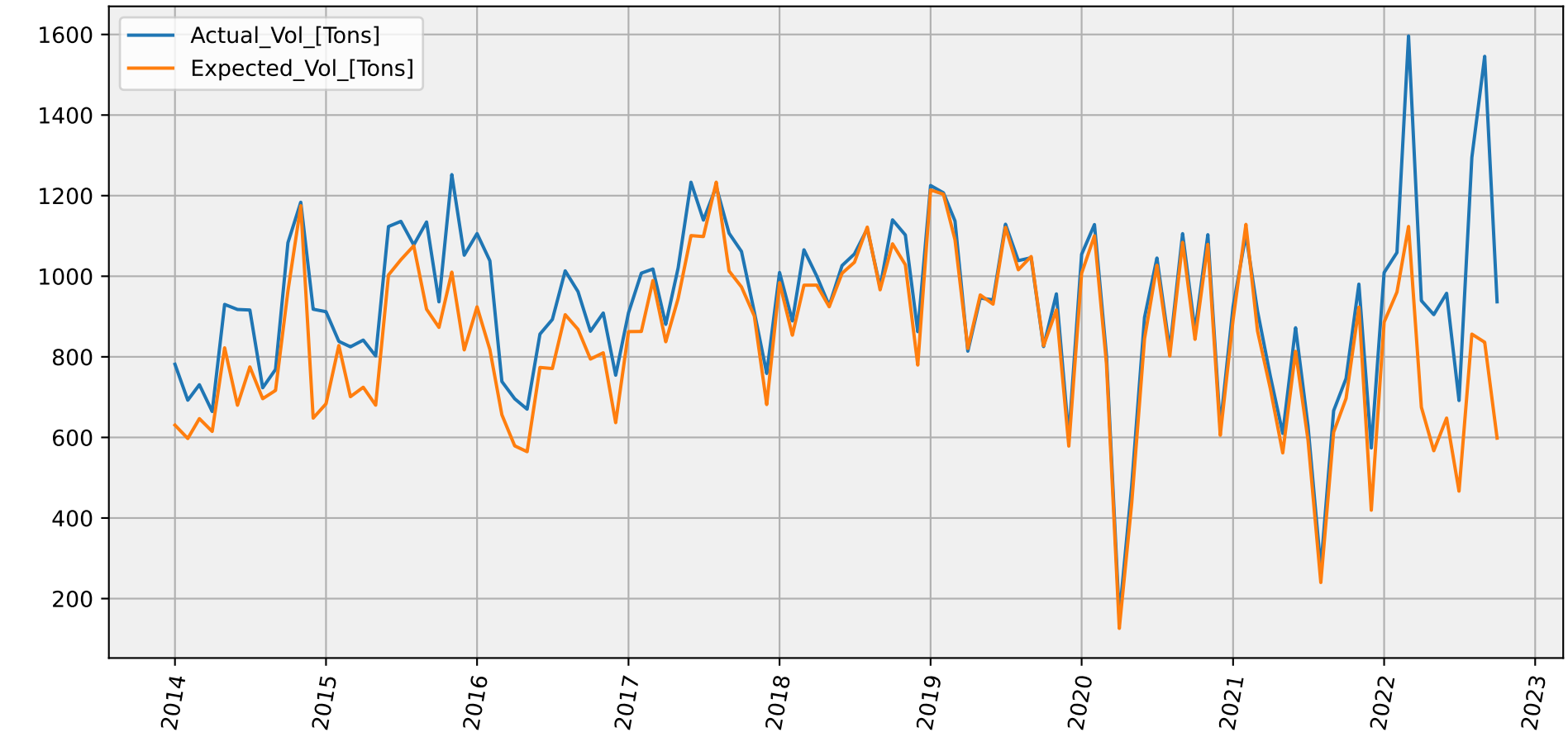
Production Level Plant_18



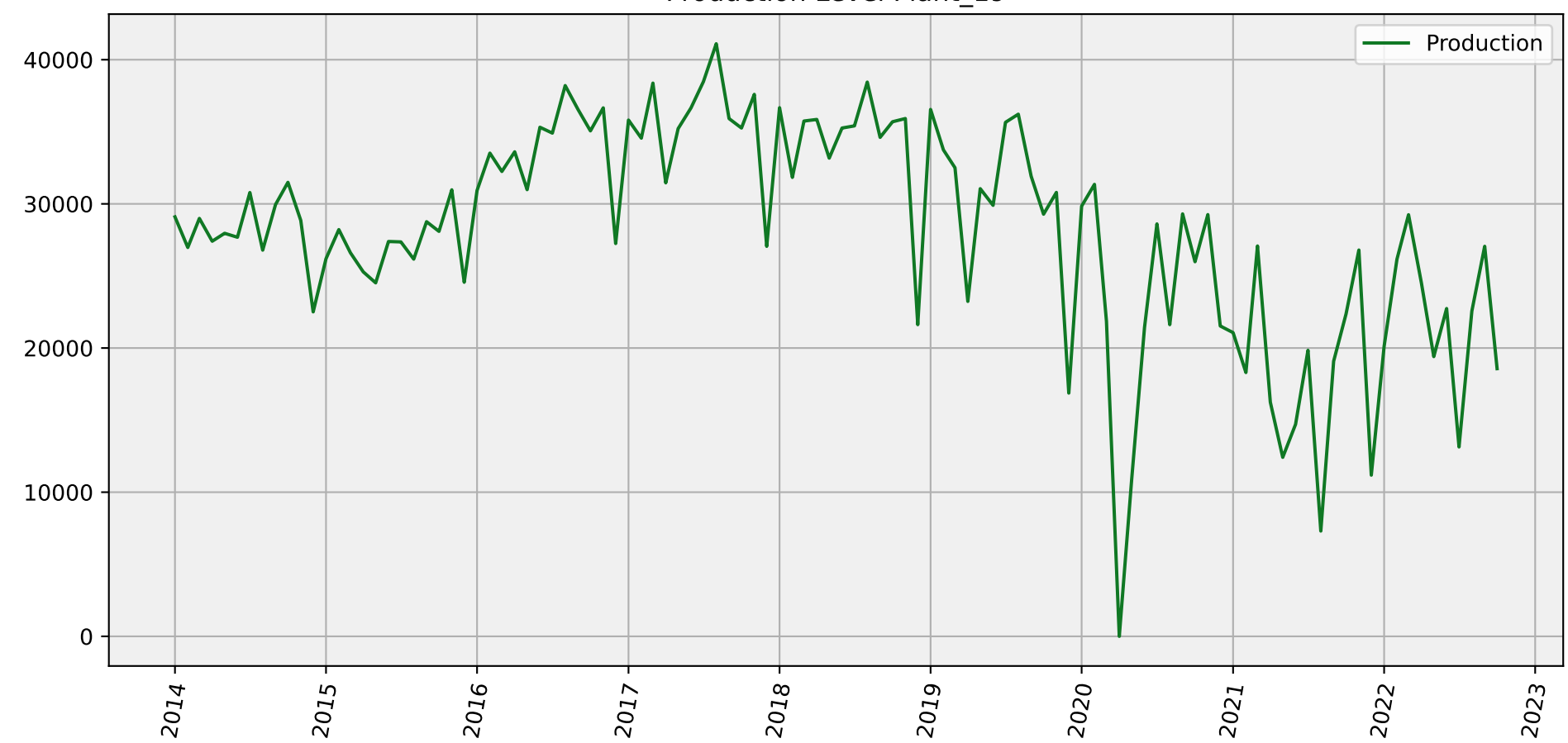
Volume/Production Ratio Provider_29-Plant_18



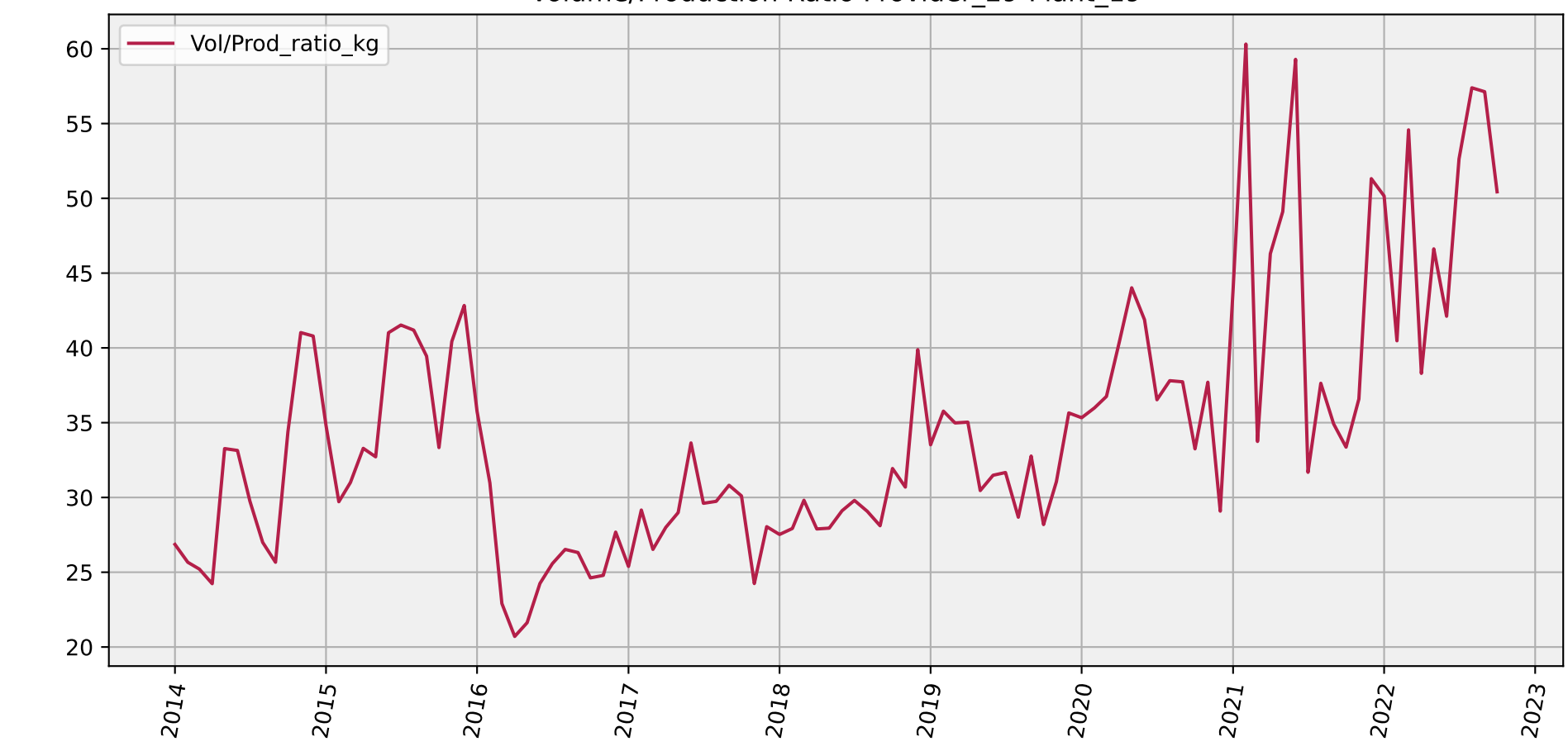
Incoming Volume Provider_29-Plant_19



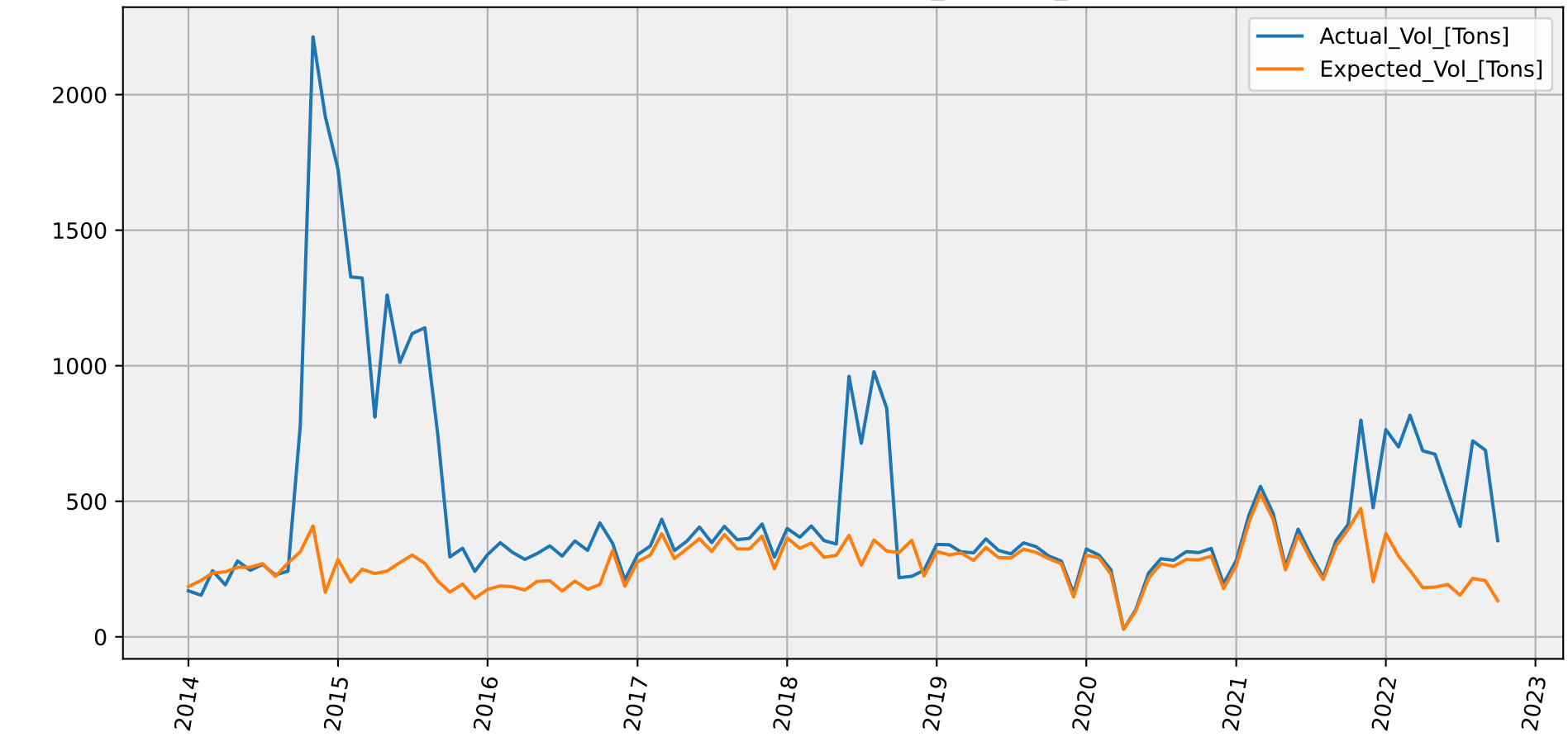
Production Level Plant_19



Volume/Production Ratio Provider_29-Plant_19

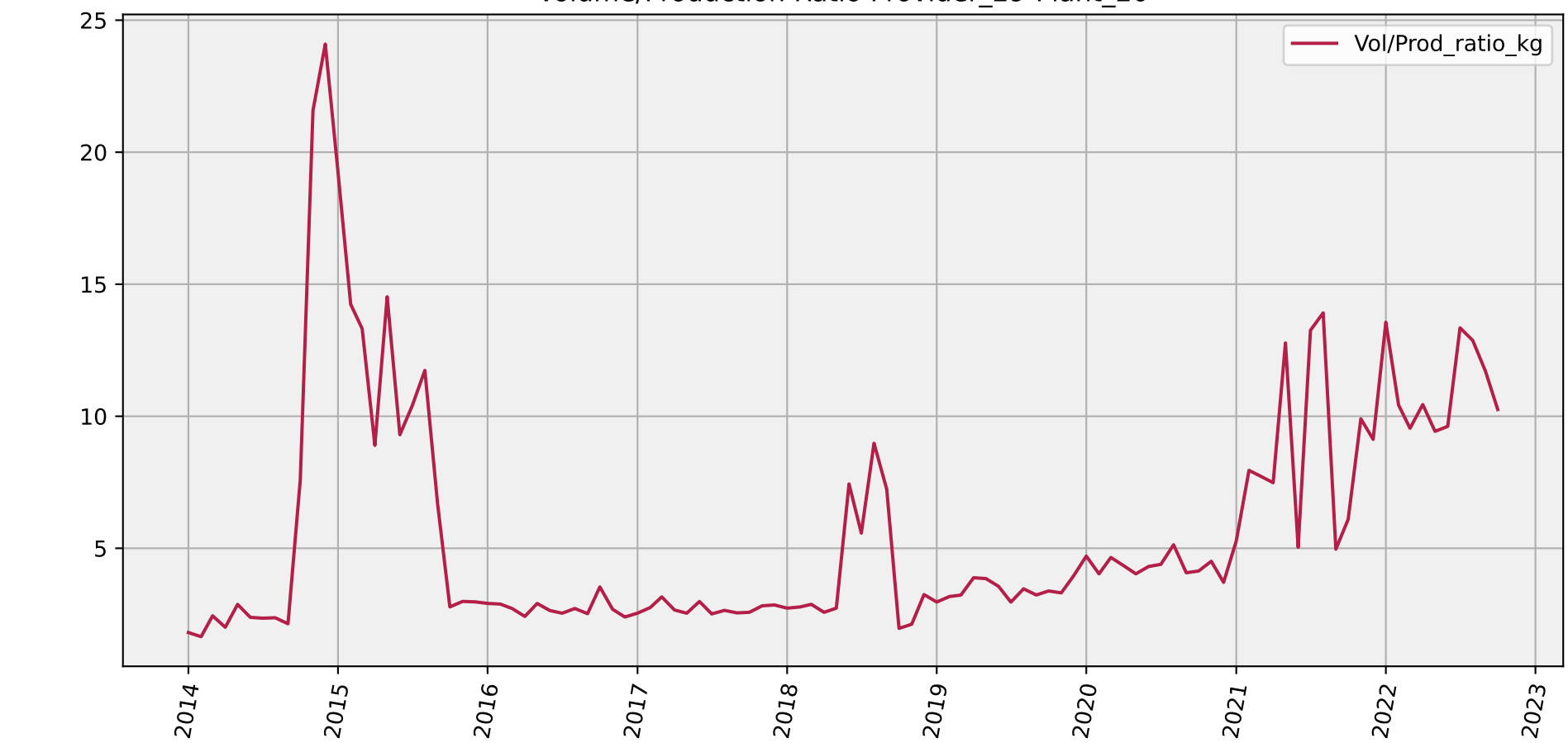


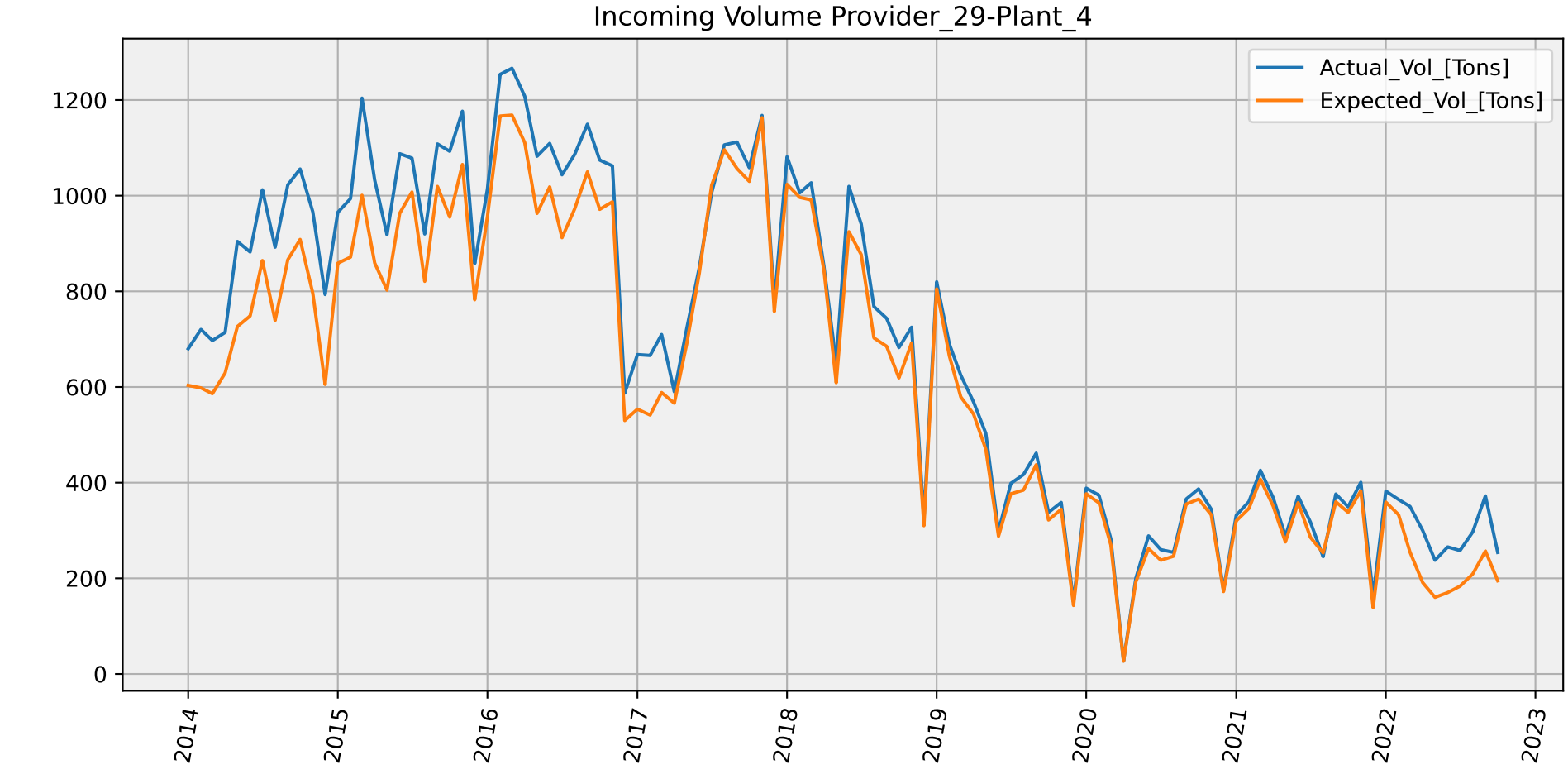
Incoming Volume Provider_29-Plant_20

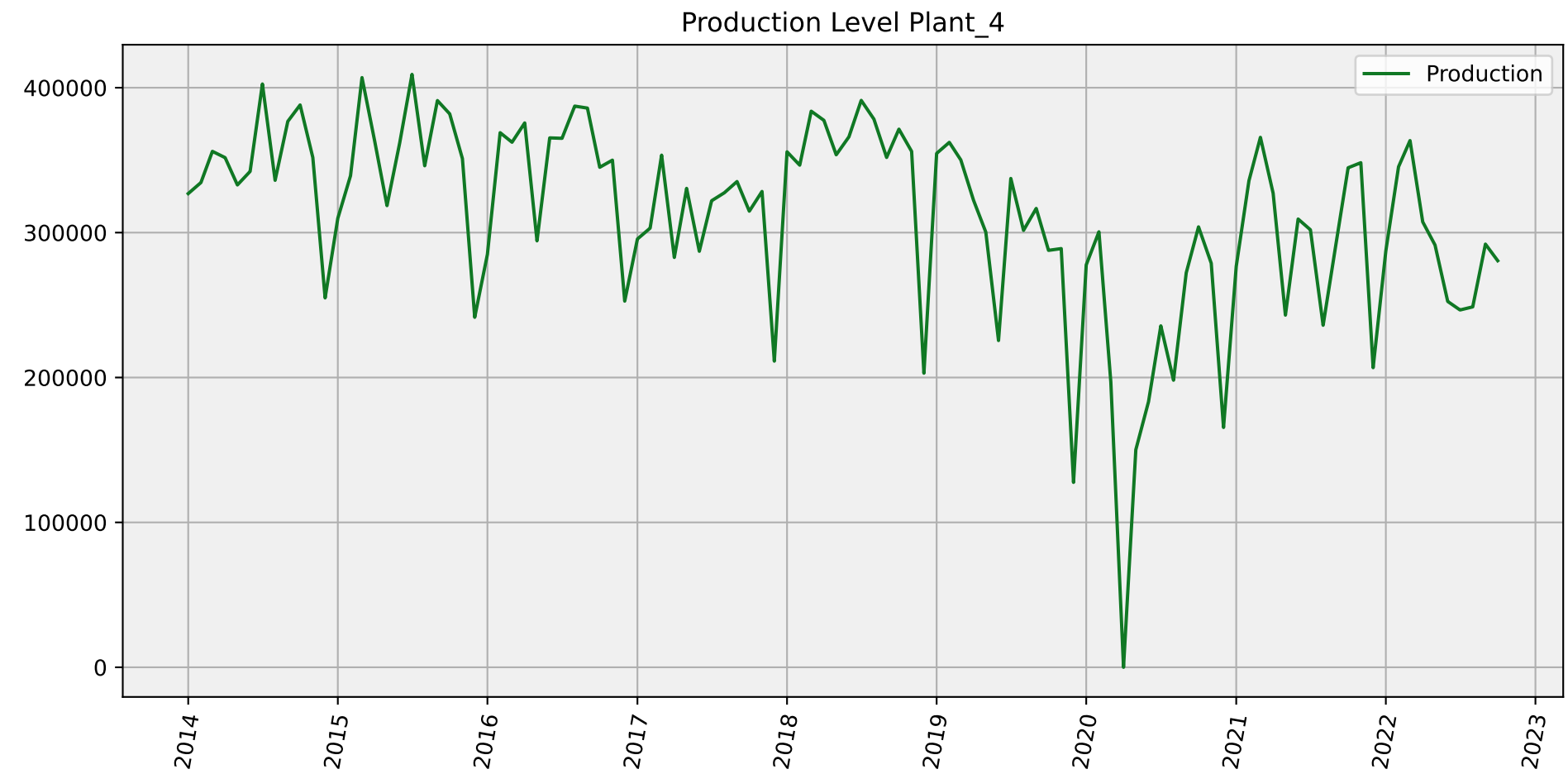


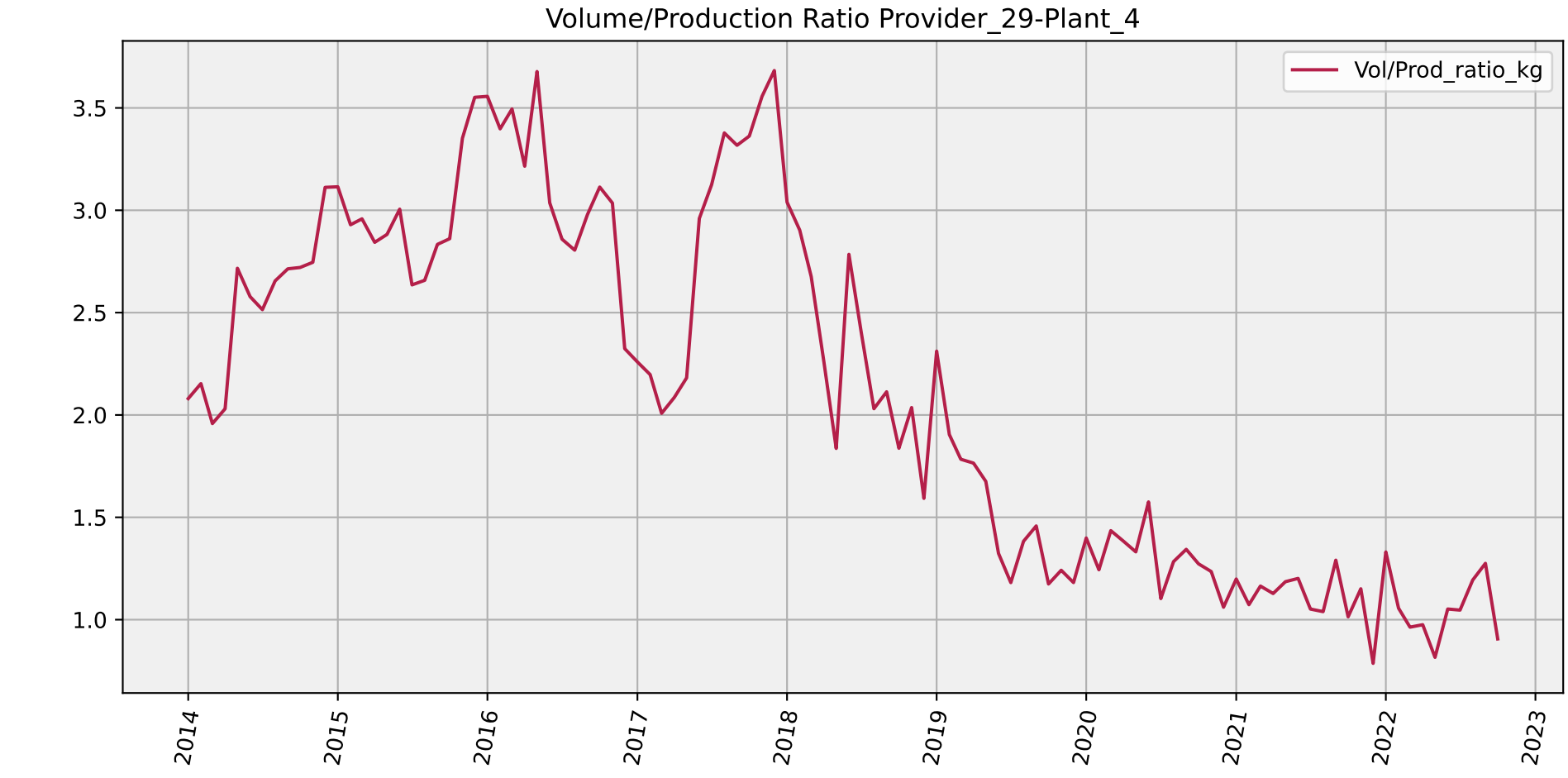
Production Level Plant_20

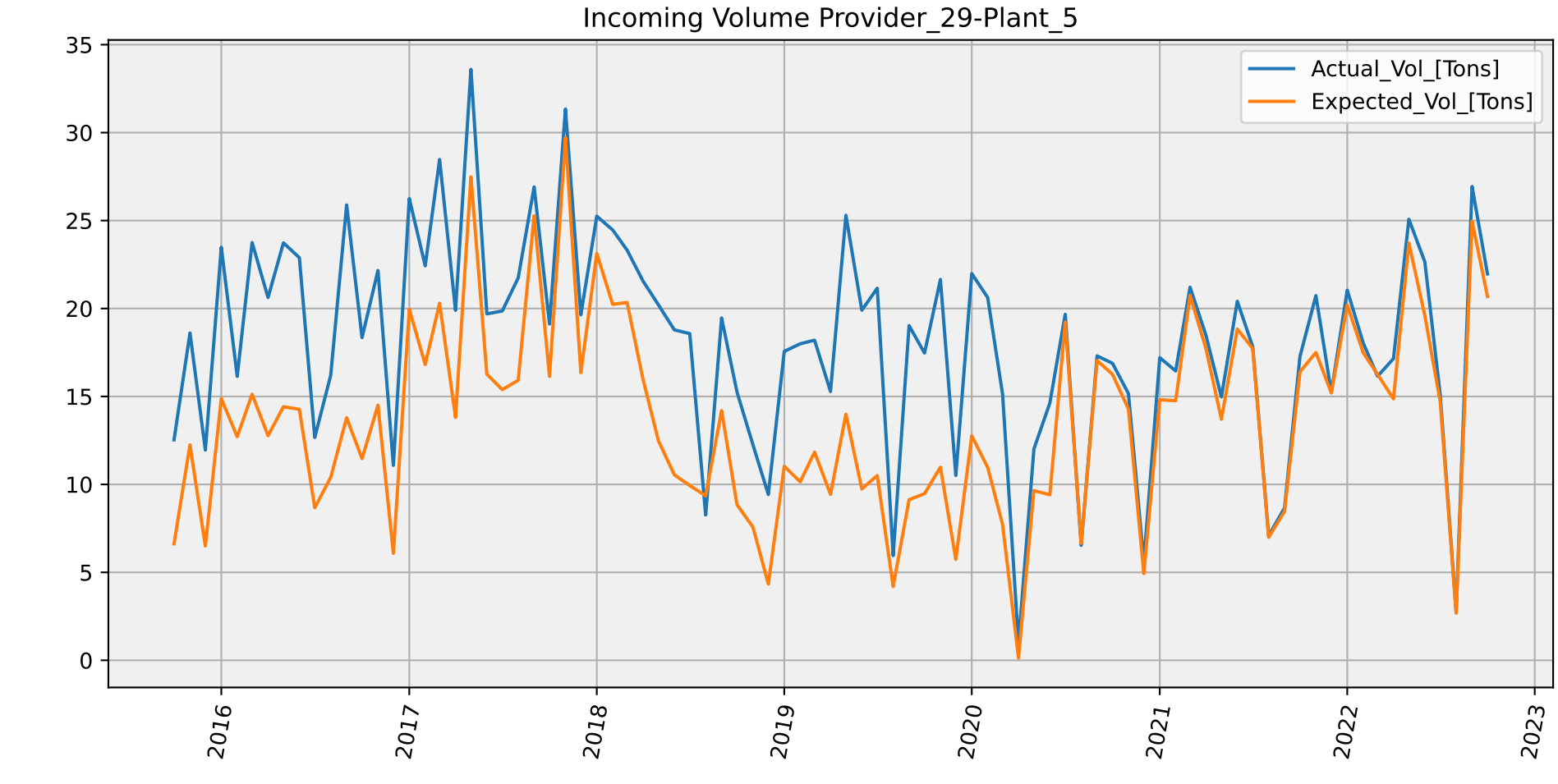
Volume/Production Ratio Provider_29-Plant_20

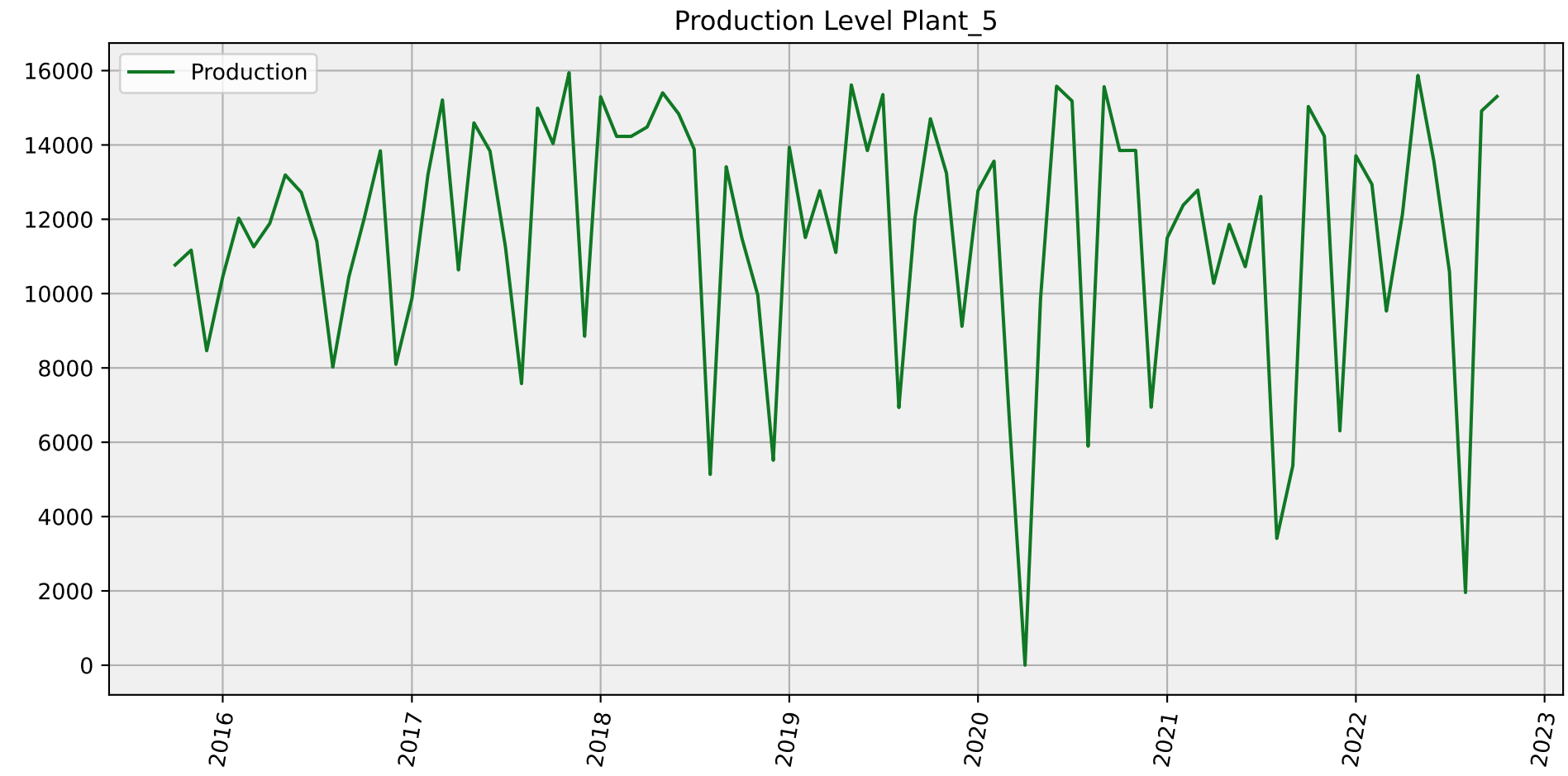


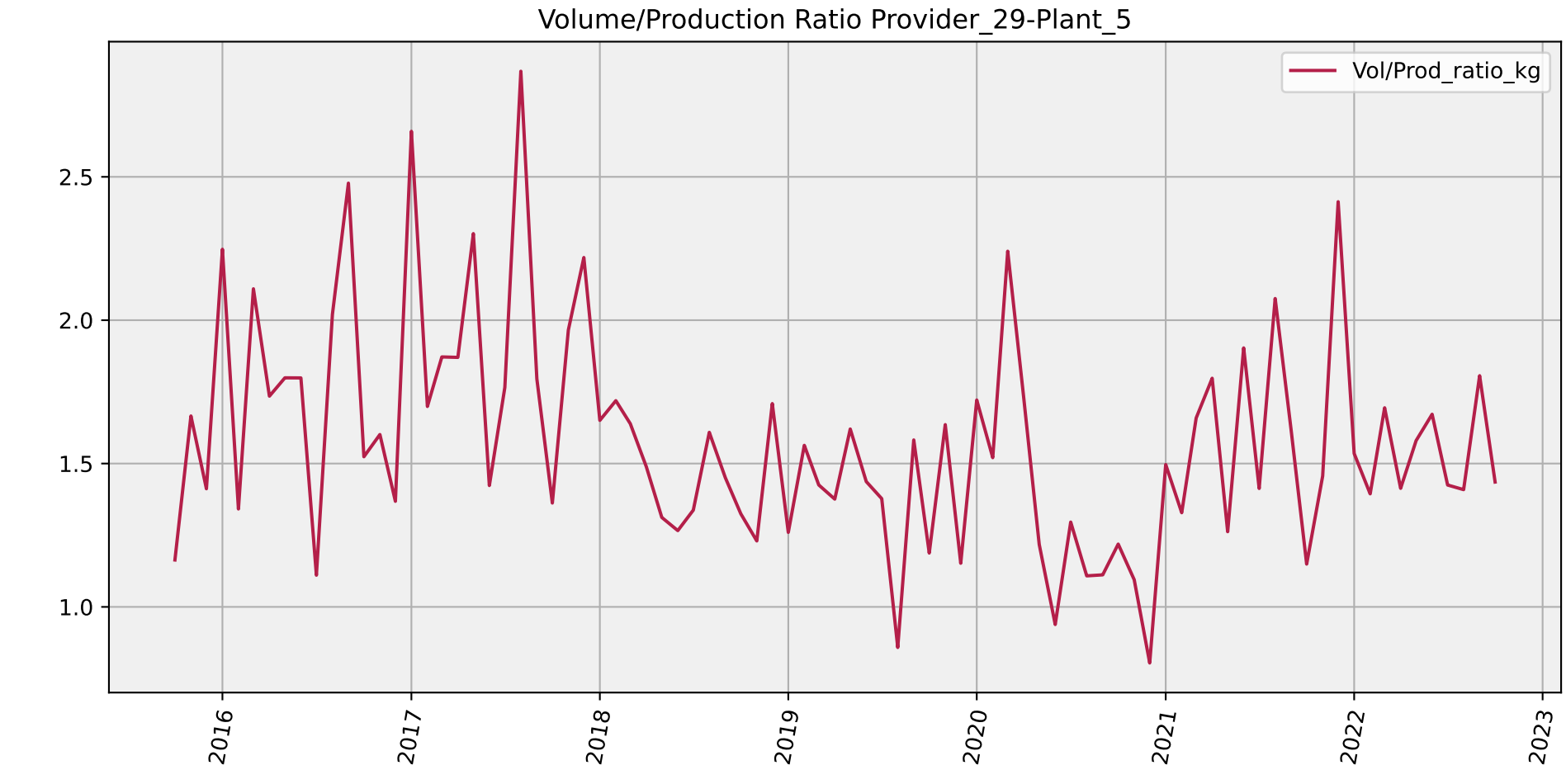

Incoming Volume Provider_29-Plant_4
Actual_Vol_[Tons]
Expected_Vol_[Tons]
1200
1000
800
600
400
200
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

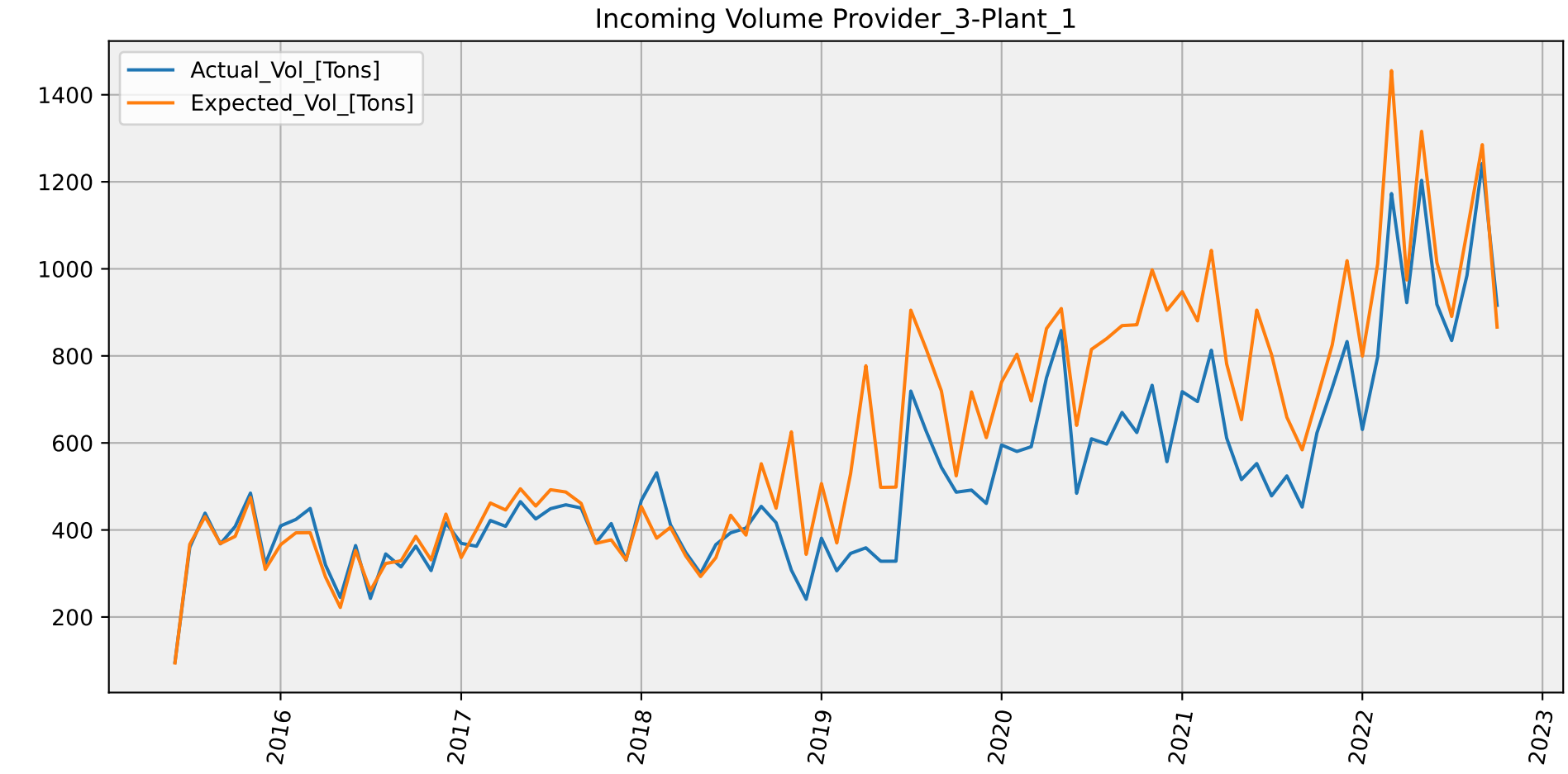

Production Level Plant_4
Production
400000
300000
200000
100000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

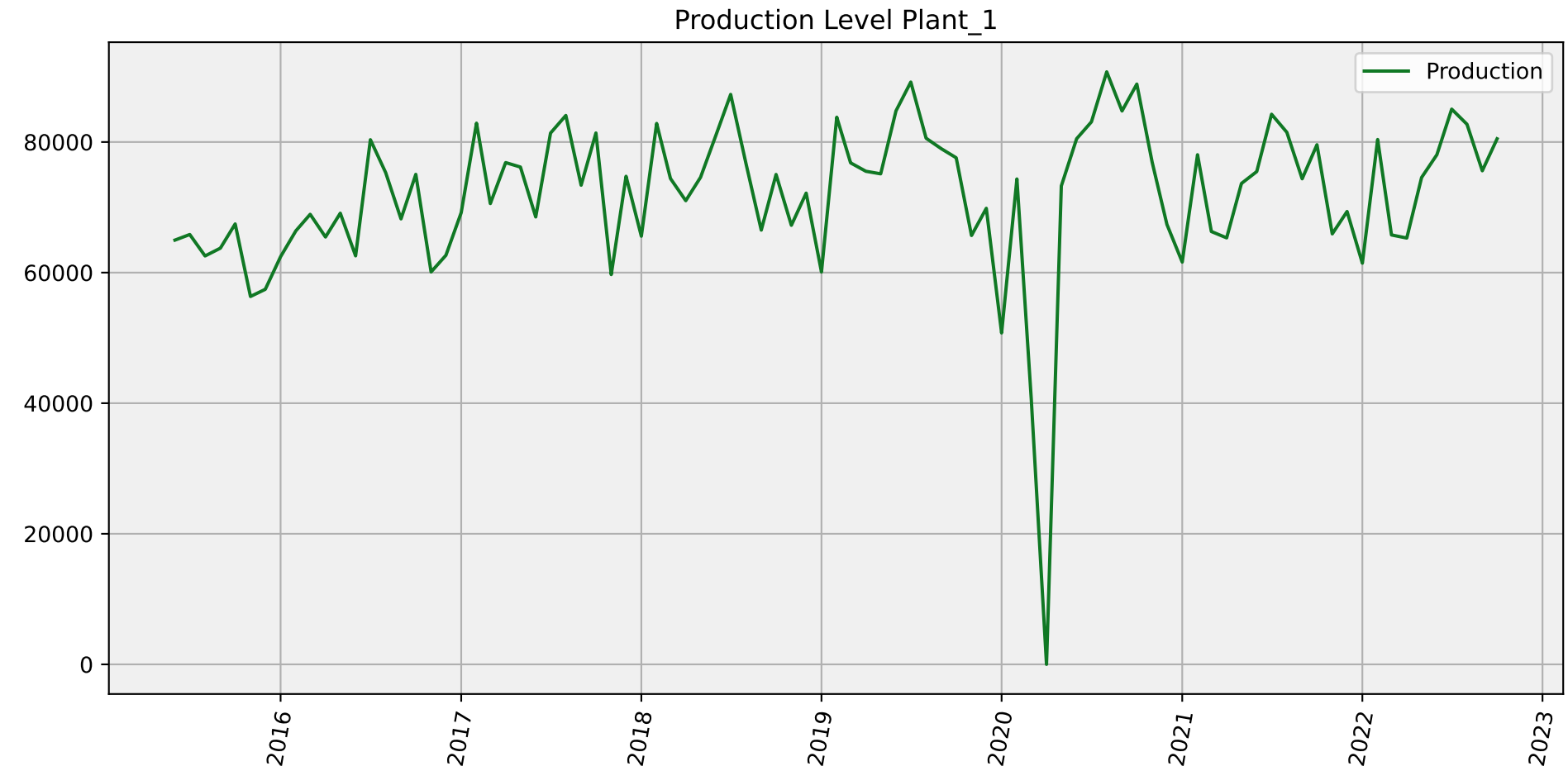

Volume/Production Ratio Provider_29-Plant_4
Vol/Prod_ratio_kg
3.5
3.0
2.5
2.0
1.5
1.0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

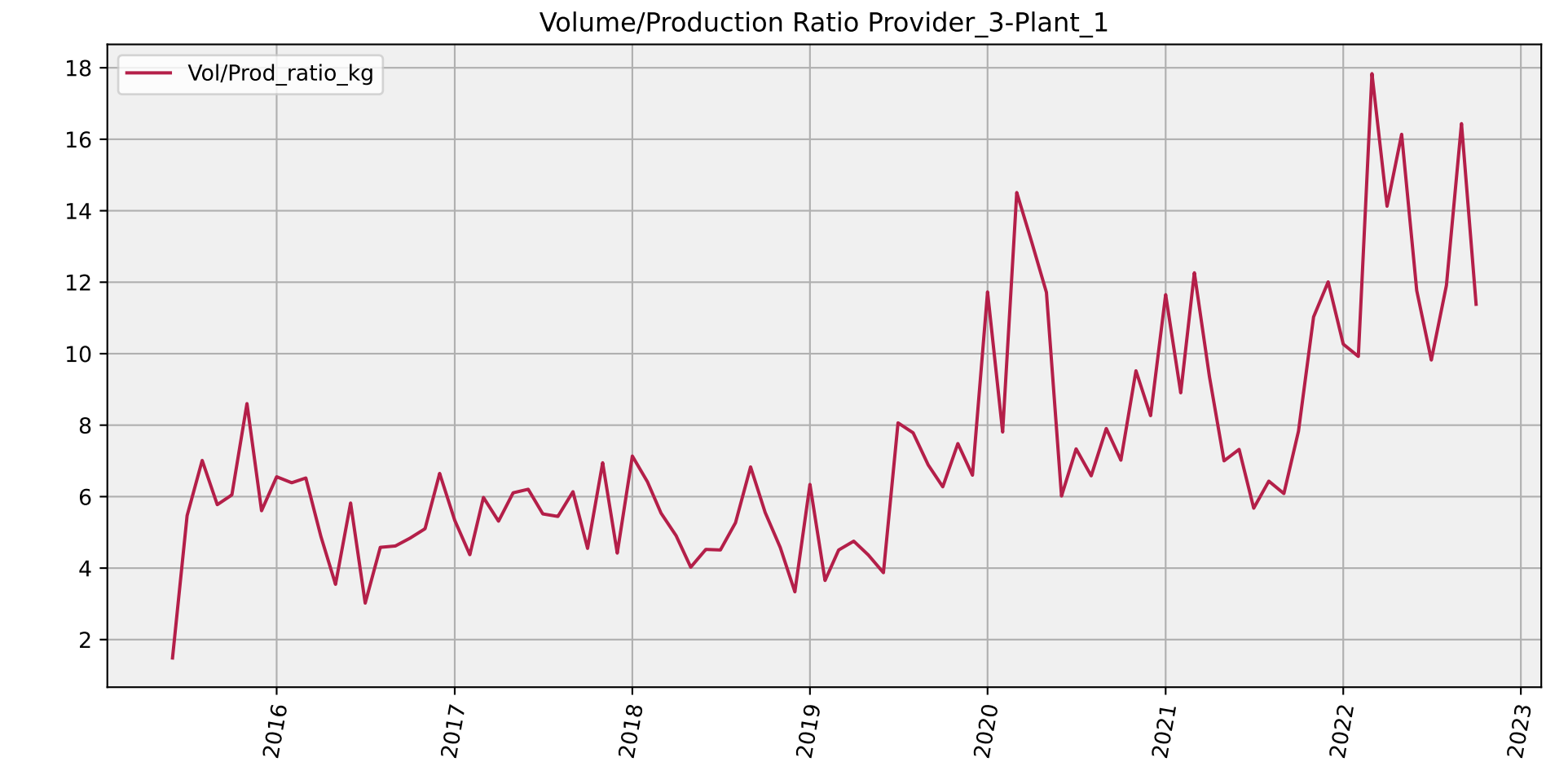

Incoming Volume Provider_29-Plant_5
Actual_Vol_[Tons]
Expected_Vol_[Tons]
35
30
25
20
15
10
5
0
2016
2017
2018
2019
2020
2021
2022
2023

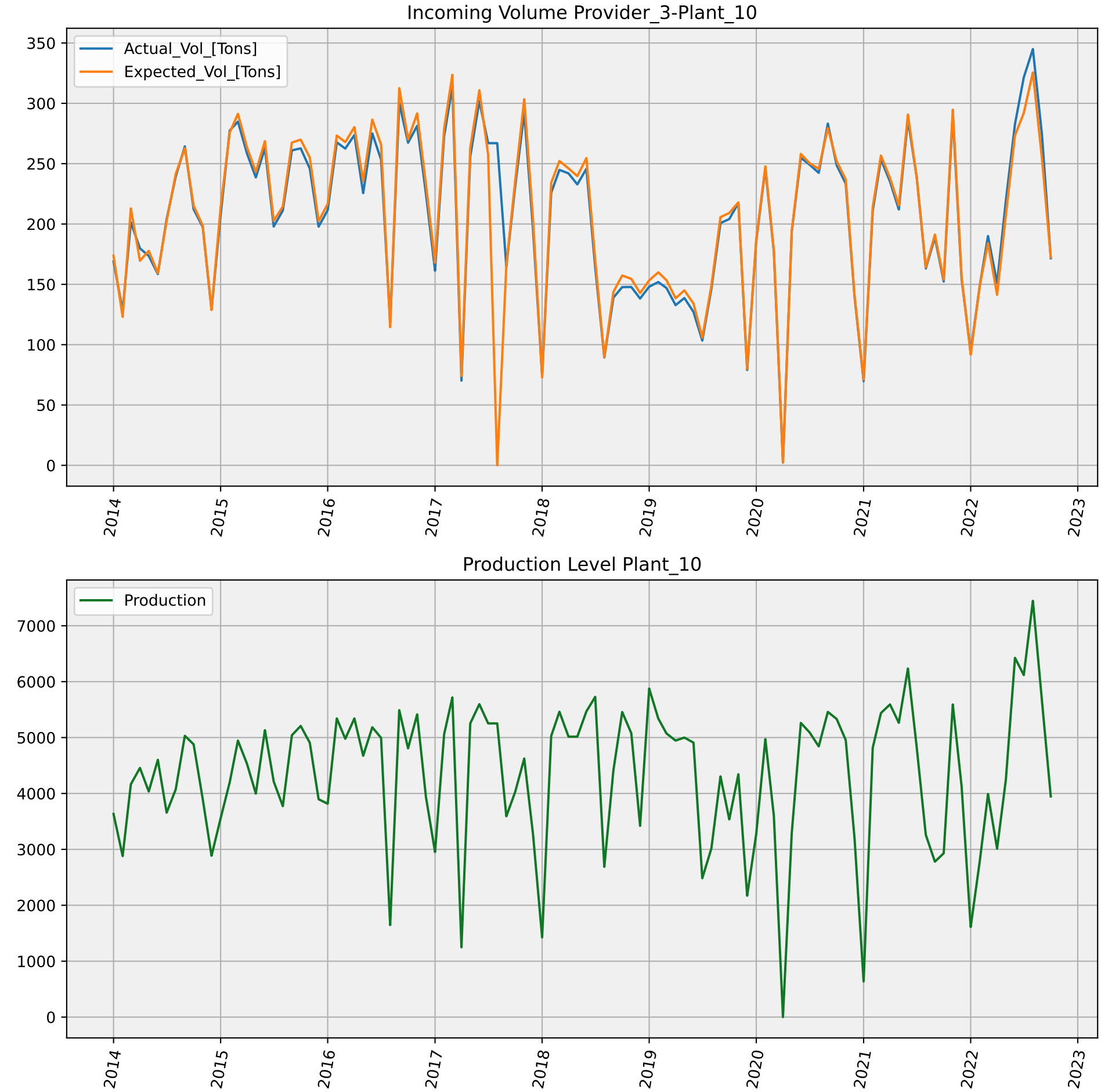

Production Level Plant_5
Production
16000
14000
12000
10000
8000
6000
4000
2000
0
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_29-Plant_5
Vol/Prod_ratio_kg
2.5
2.0
1.5
1.0
2016
2017
2018
2019
2020
2021
2022
2023

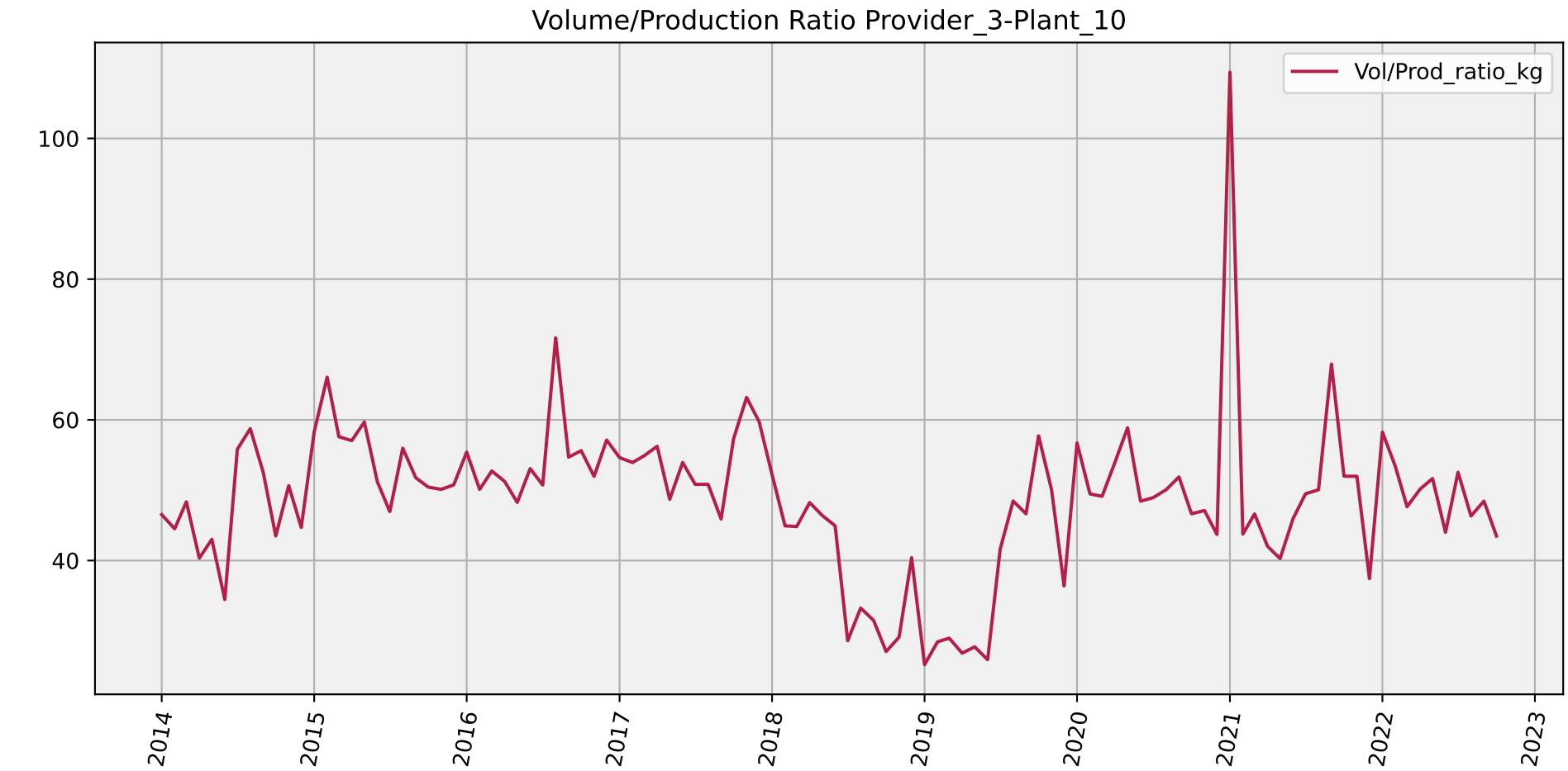

Incoming Volume Provider_3-Plant_1
Actual_Vol_[Tons]
Expected_Vol_[Tons]
1400
1200
1000
800
600
400
200
2016
2017
2018
2019
2020
2021
2022
2023


Production Level Plant_1
Production
80000
60000
40000
20000
0
2016
2017
2018
2019
2020
2021
2022
2023

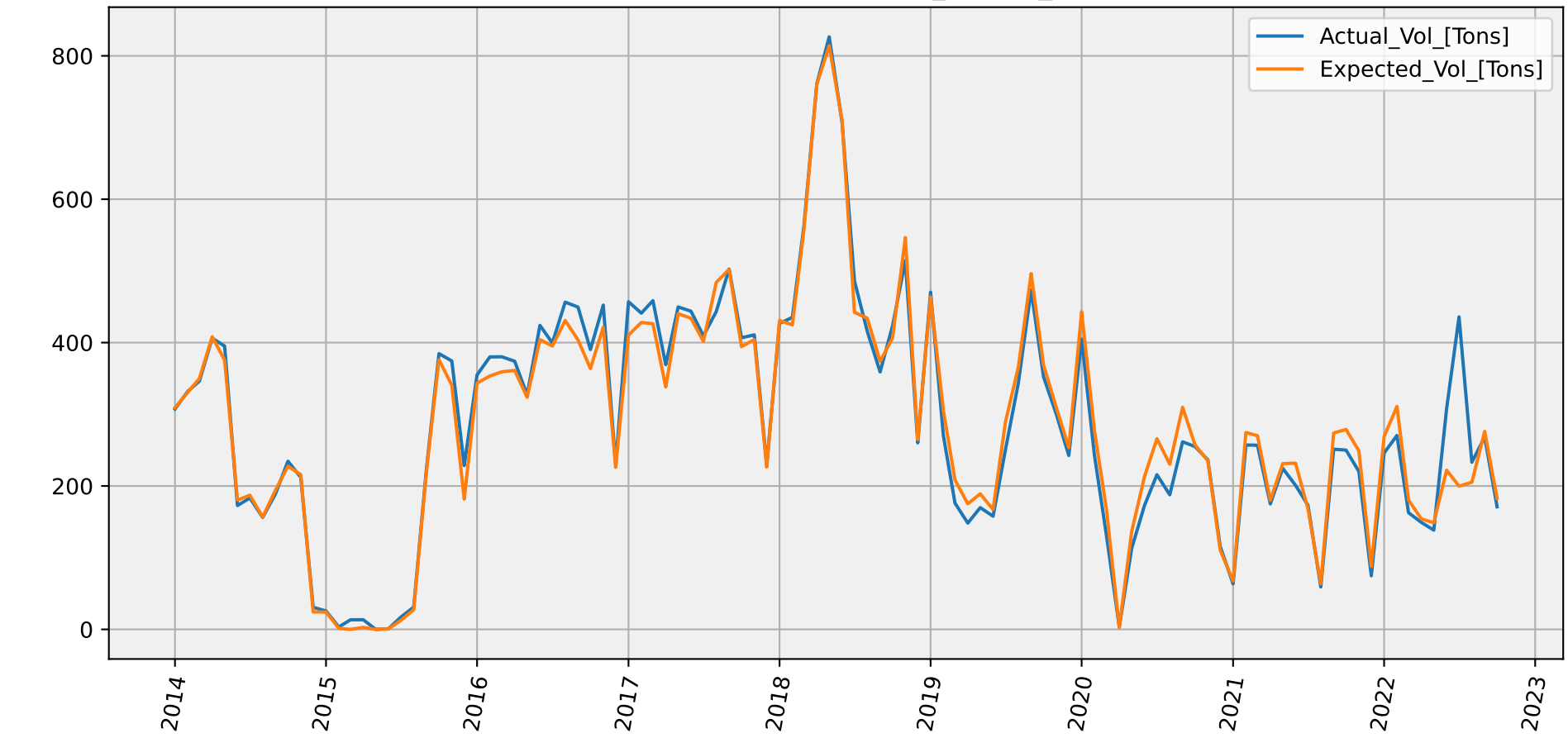

Volume/Production Ratio Provider_3-Plant_1
Vol/Prod_ratio_kg
18
16
14
12
10
8
6
4
2
2016
2017
2018
2019
2020
2021
2022
2023


Incoming Volume Provider_3-Plant_10
Actual_Vol_[Tons]
Expected_Vol_[Tons]
350
300
250
200
150
100
50
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

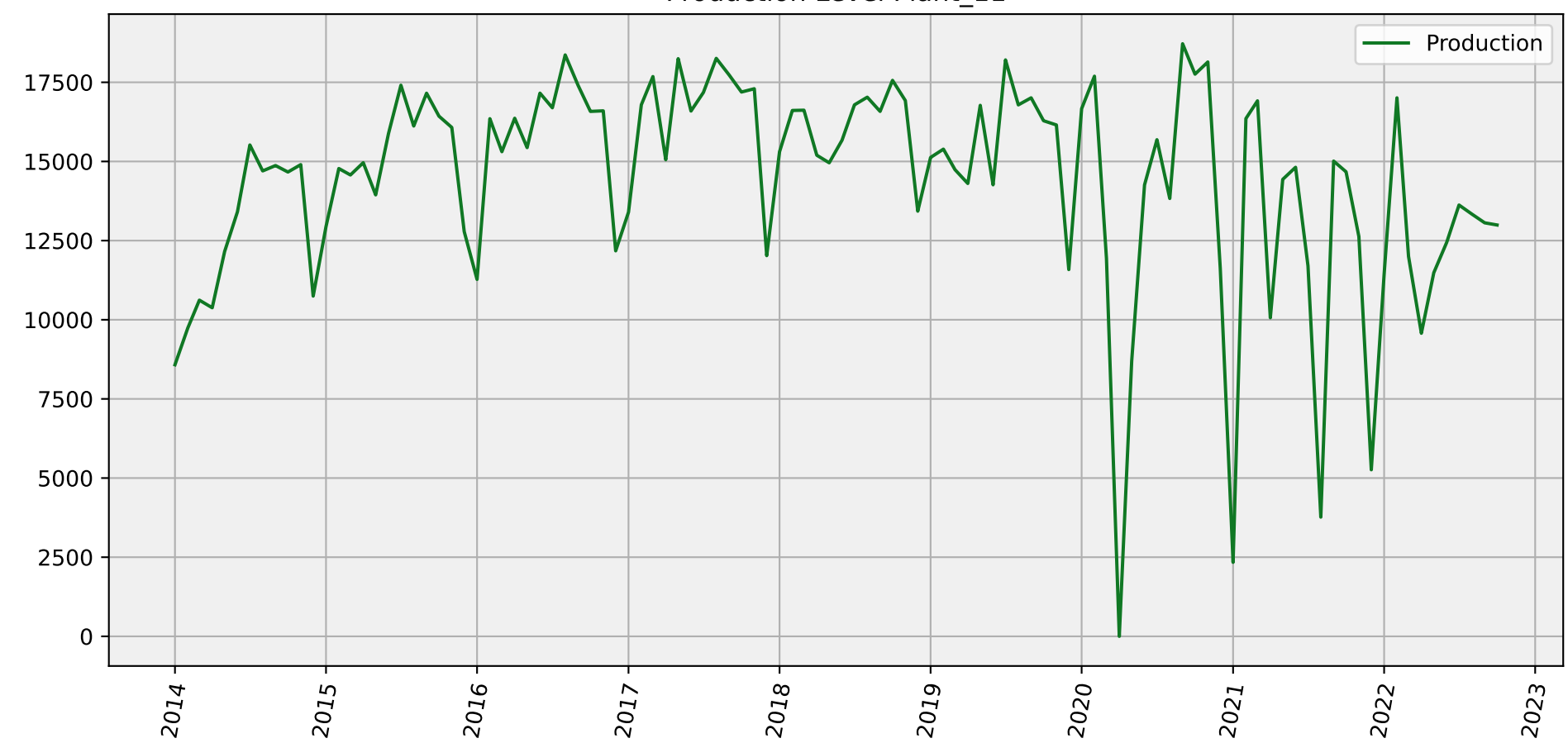
Production Level Plant_10
Production
7000
6000
5000
4000
3000
2000
1000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_3-Plant_10
Vol/Prod_ratio_kg
100
80
60
40
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

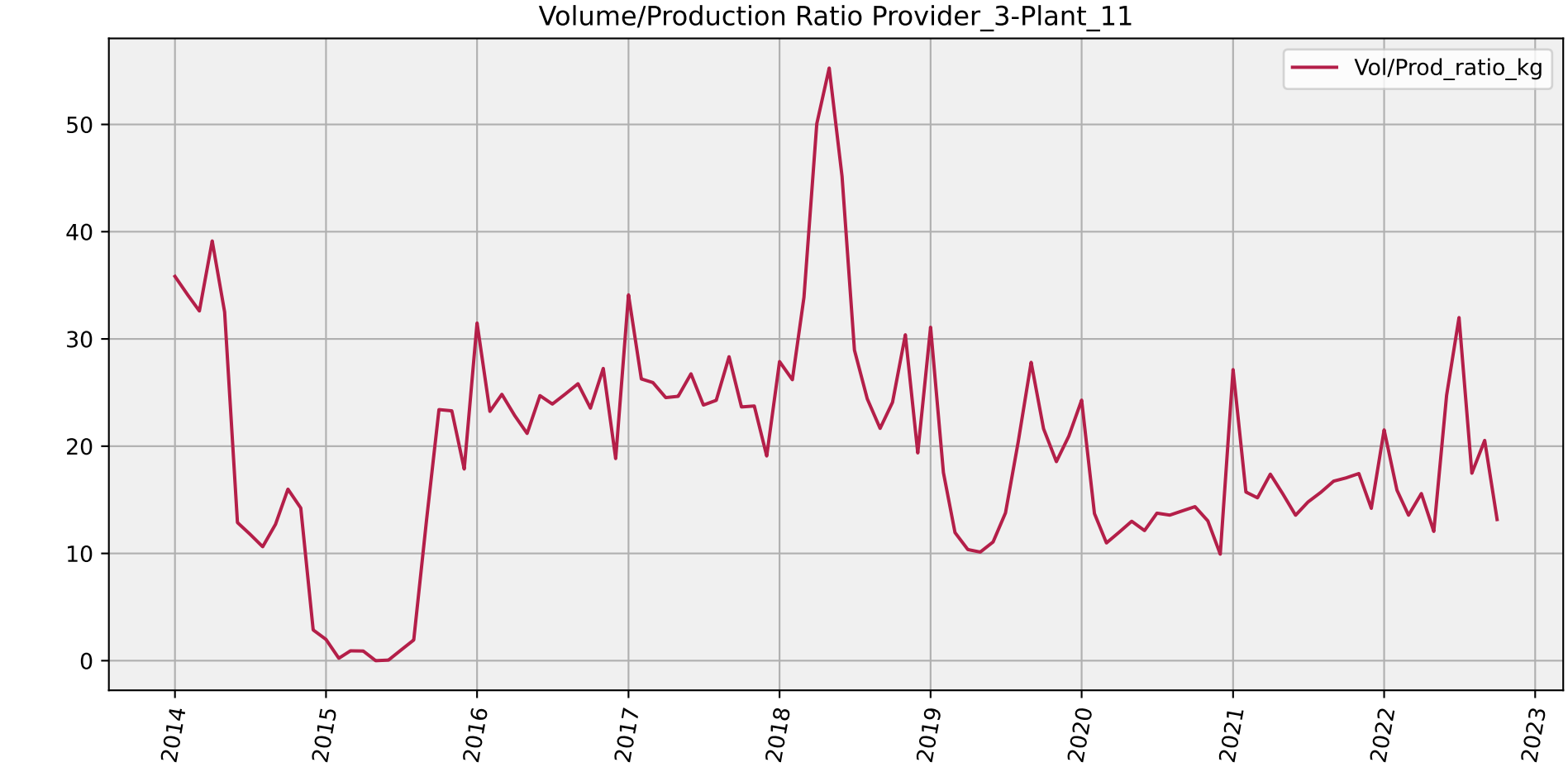
Incoming Volume Provider_3-Plant_11



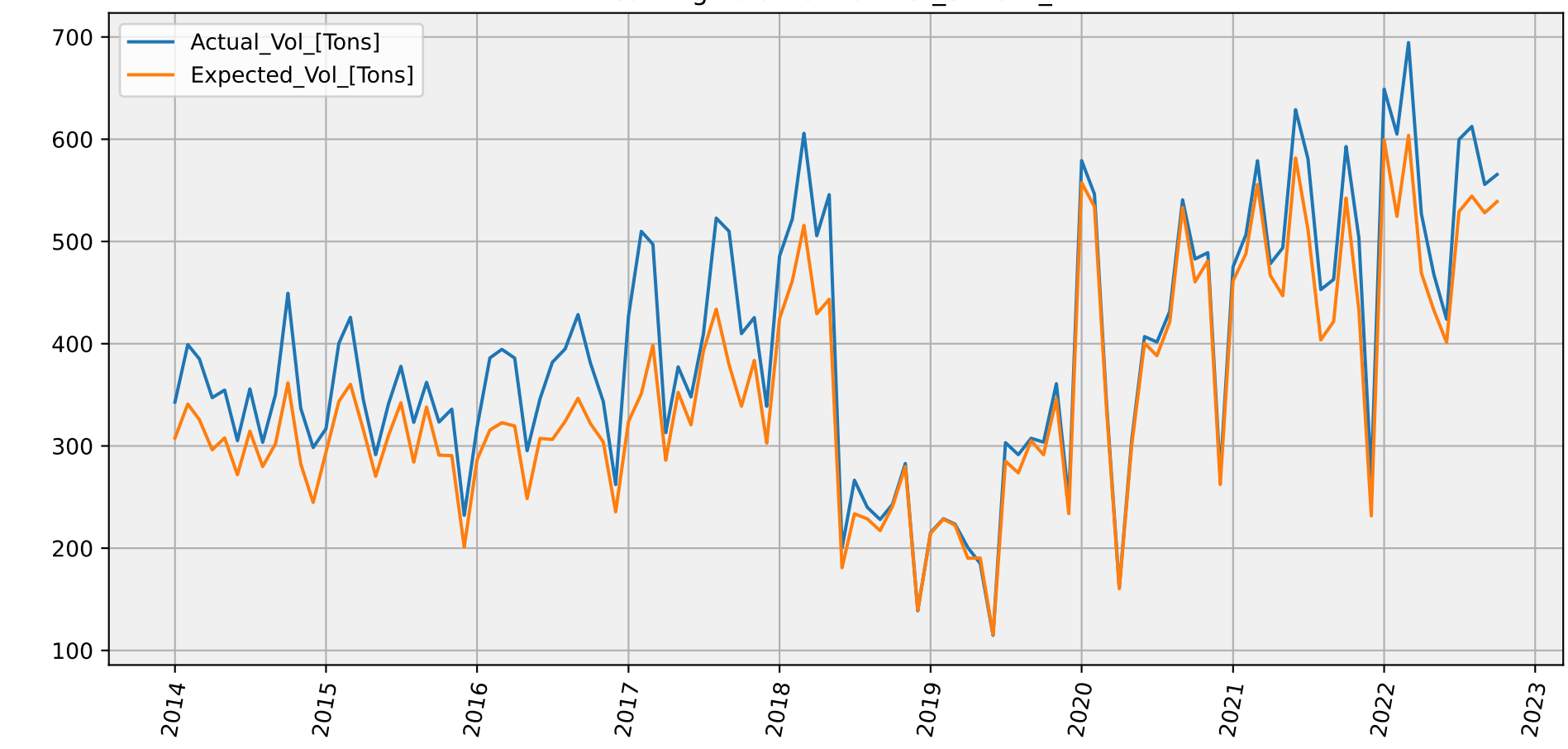
Production Level Plant_11



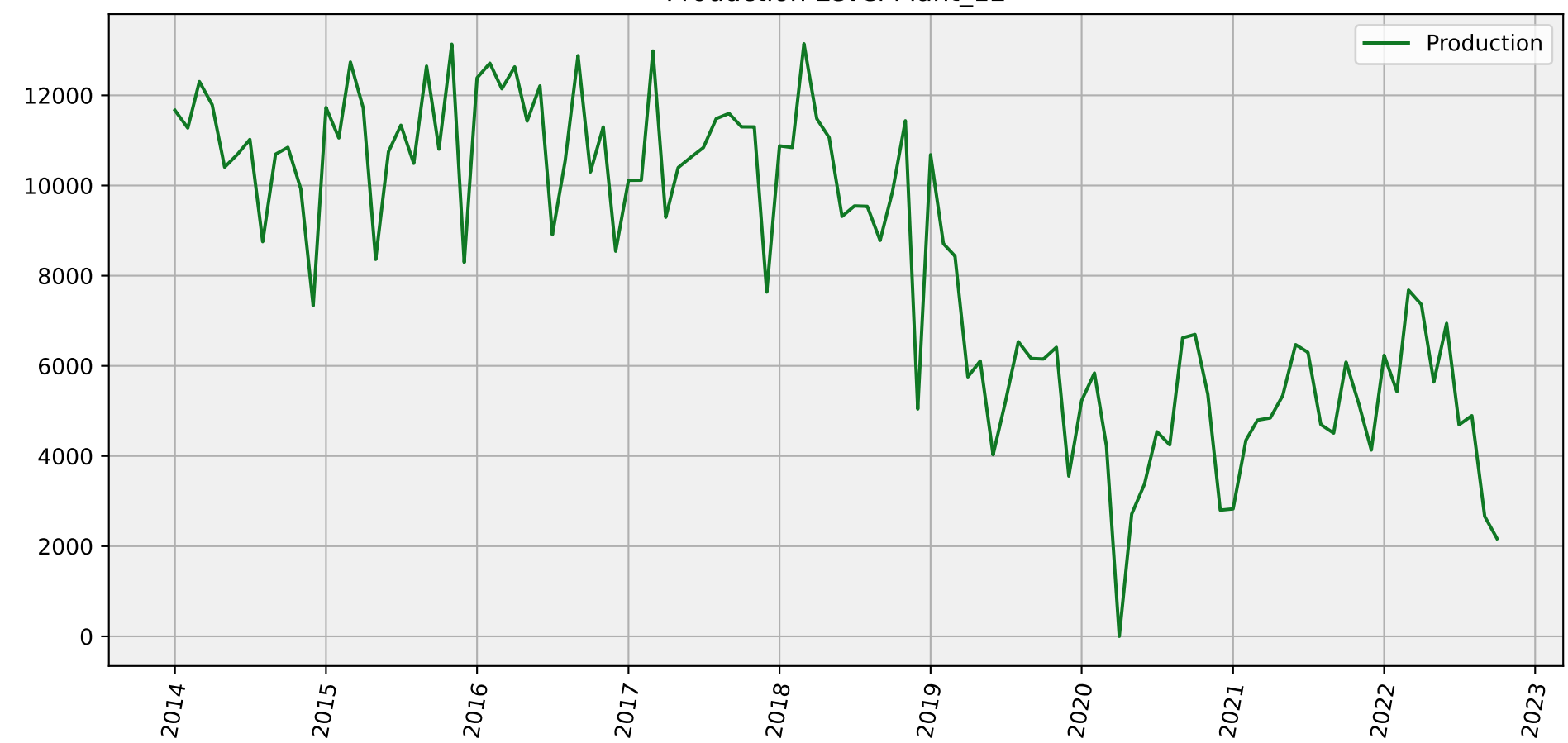
Volume/Production Ratio Provider_3-Plant_11



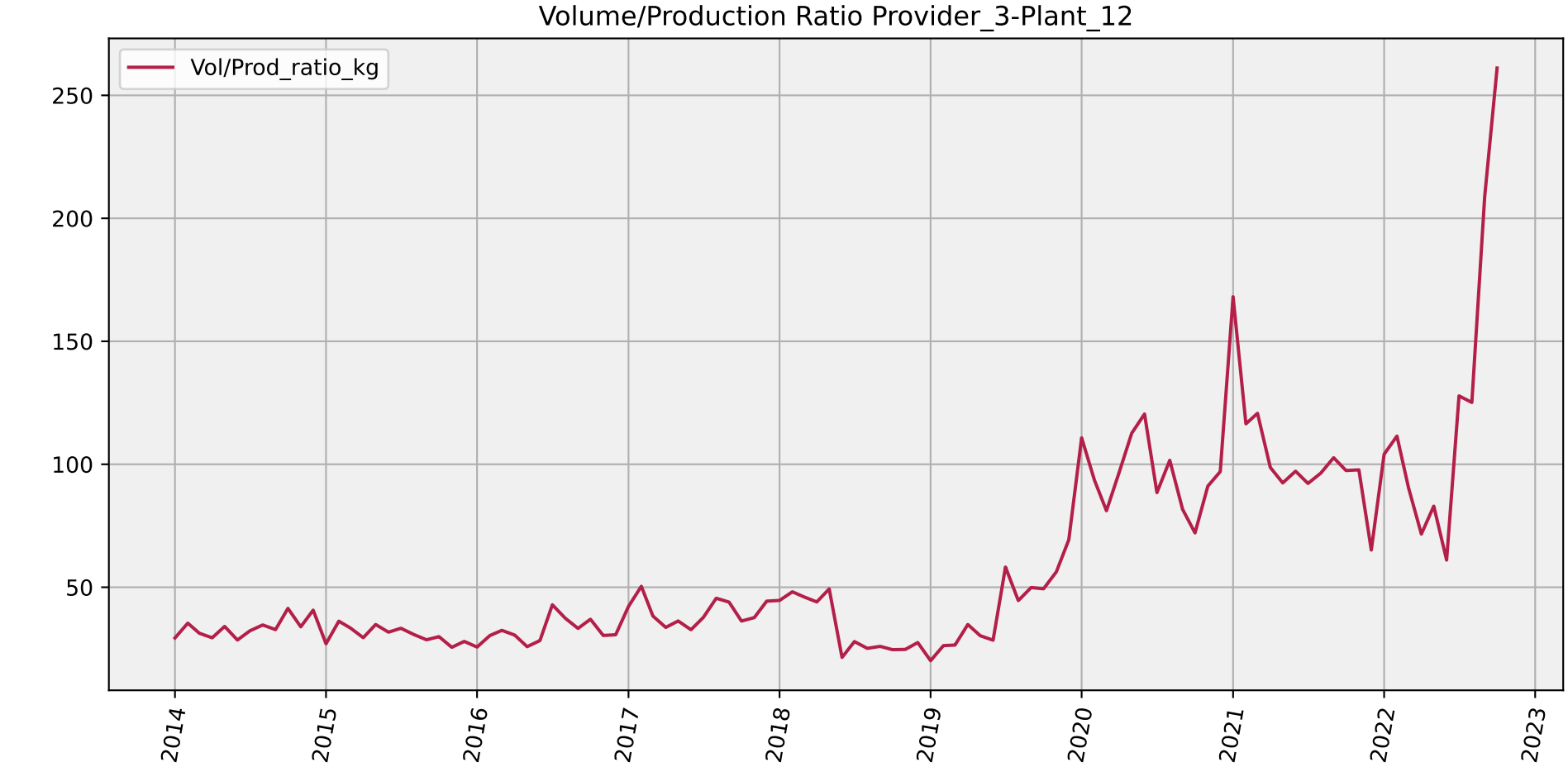
Incoming Volume Provider_3-Plant_12

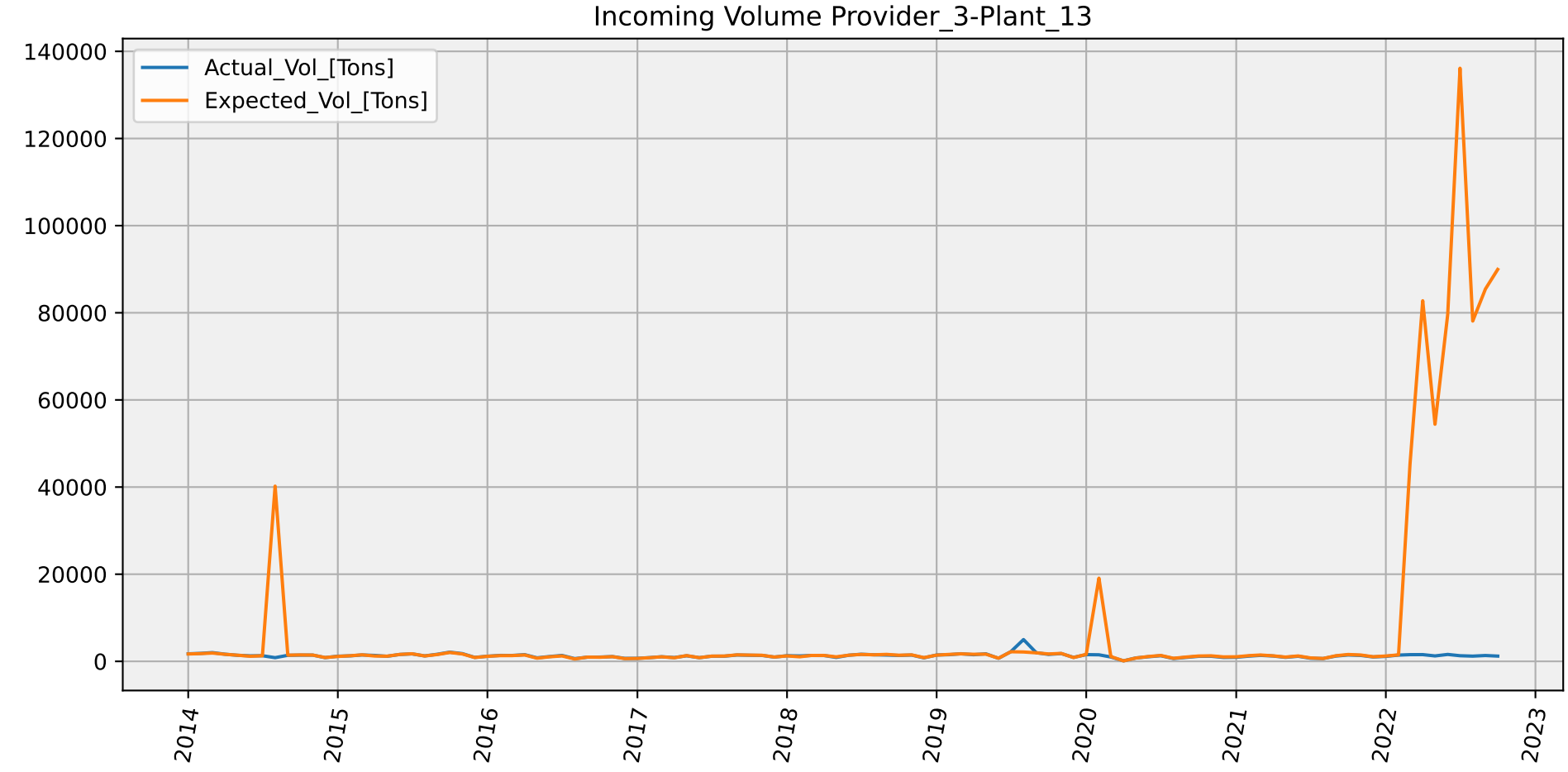


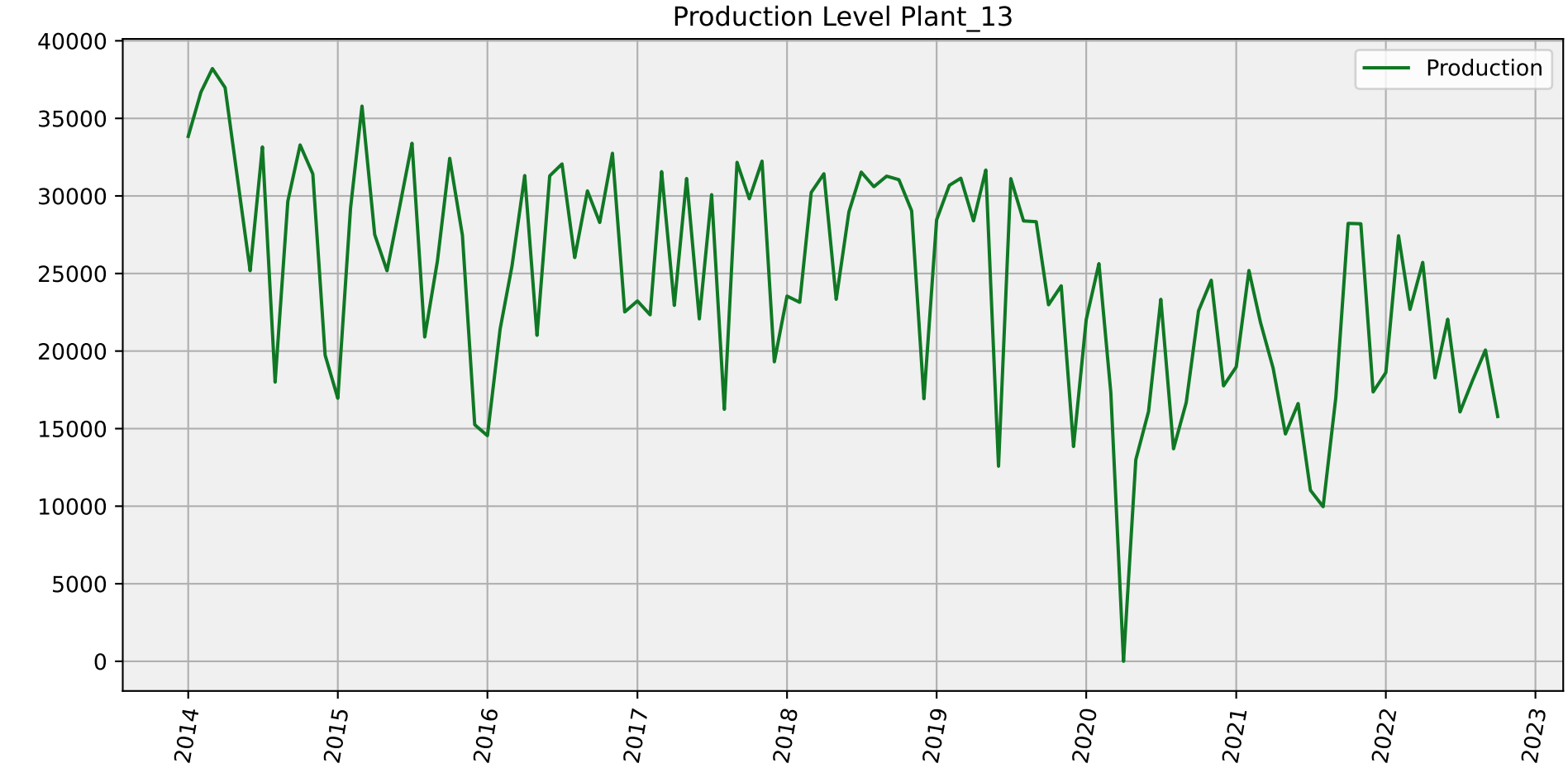
Production Level Plant_12

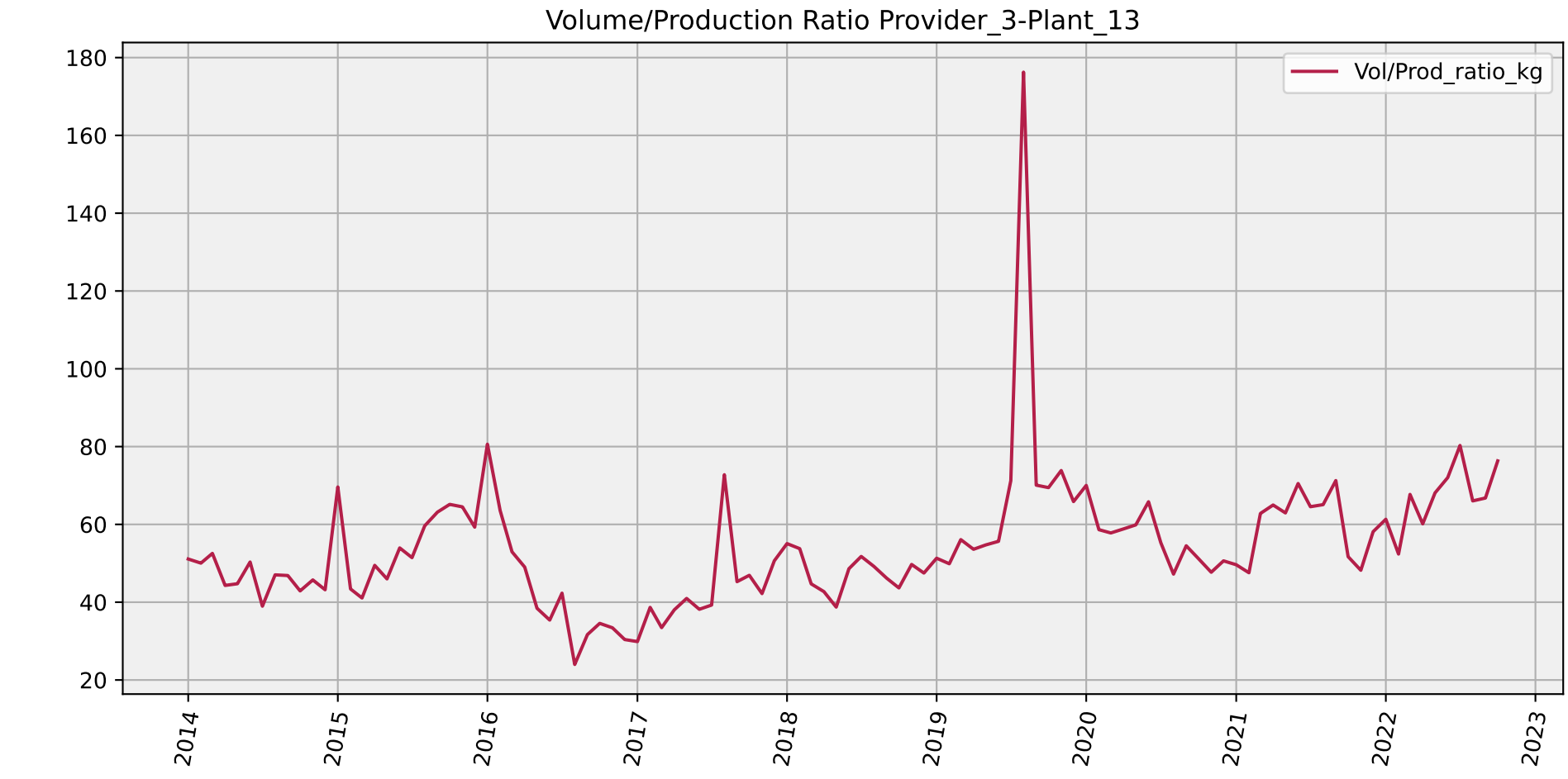


Volume/Production Ratio Provider_3-Plant_12

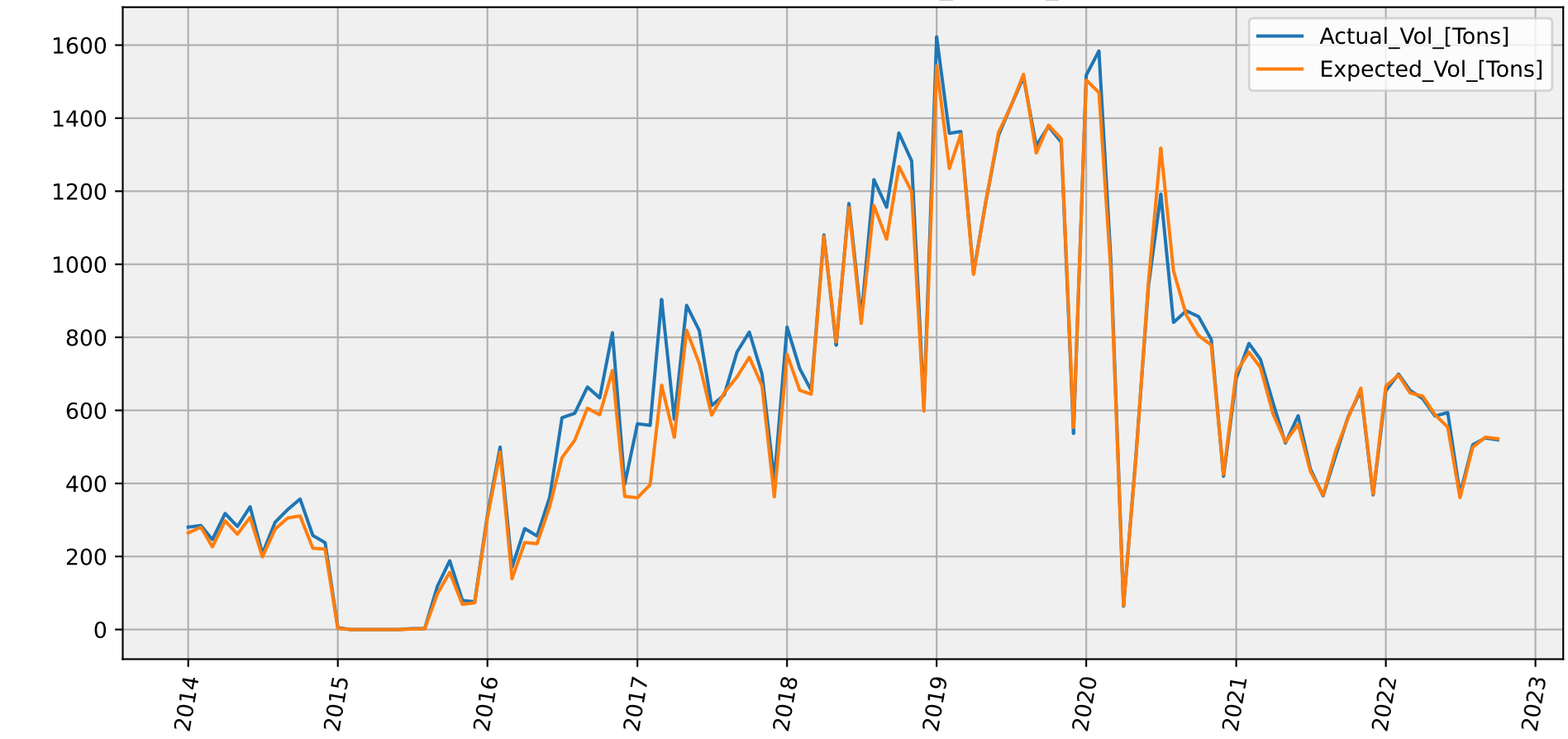



Incoming Volume Provider_3-Plant_13
Actual_Vol_[Tons]
Expected_Vol_[Tons]
140000
120000
100000
80000
60000
40000
20000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

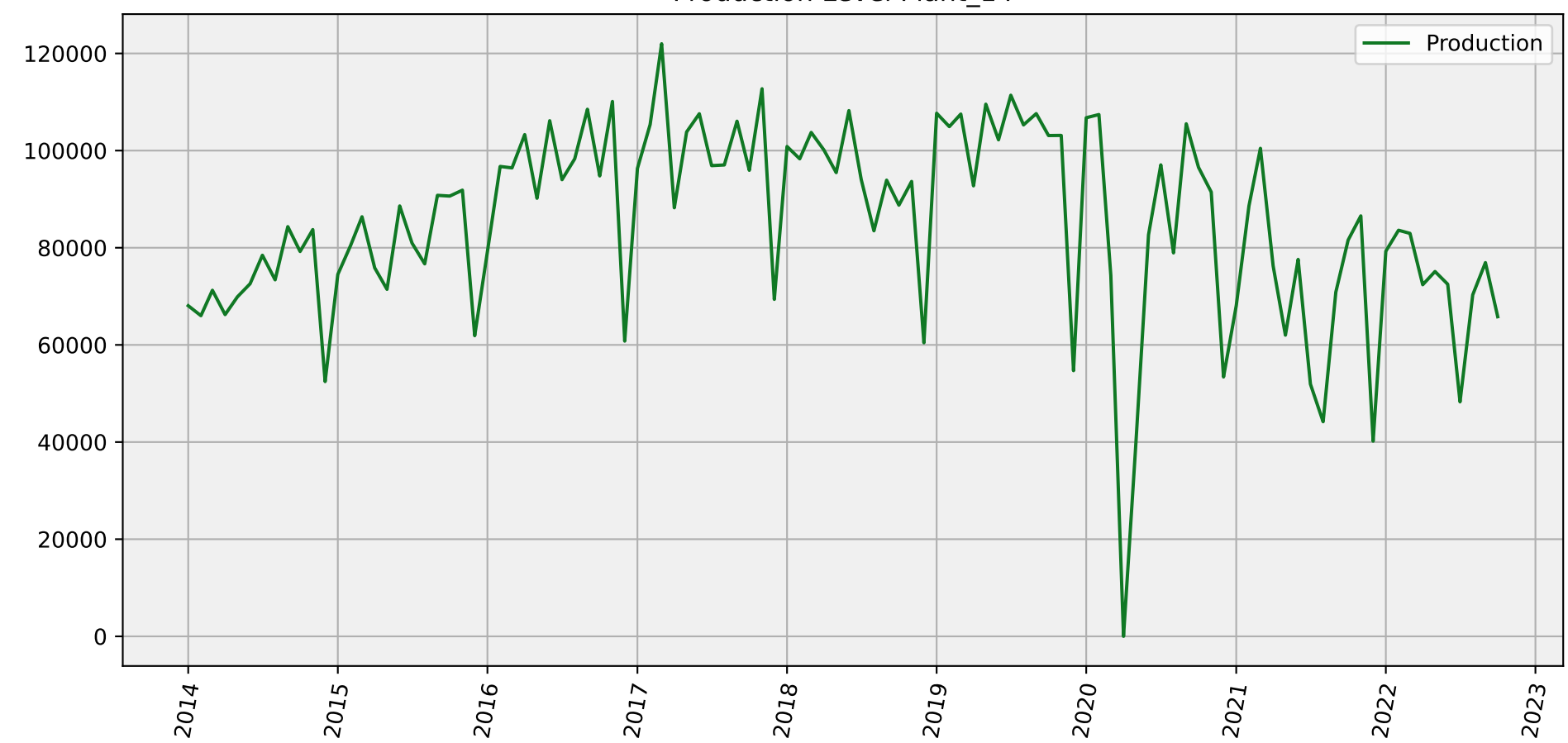

Production Level Plant_13
Production
40000
35000
30000
25000
20000
15000
10000
5000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_3-Plant_13
Vol/Prod_ratio_kg
180
160
140
120
100
80
60
40
20
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

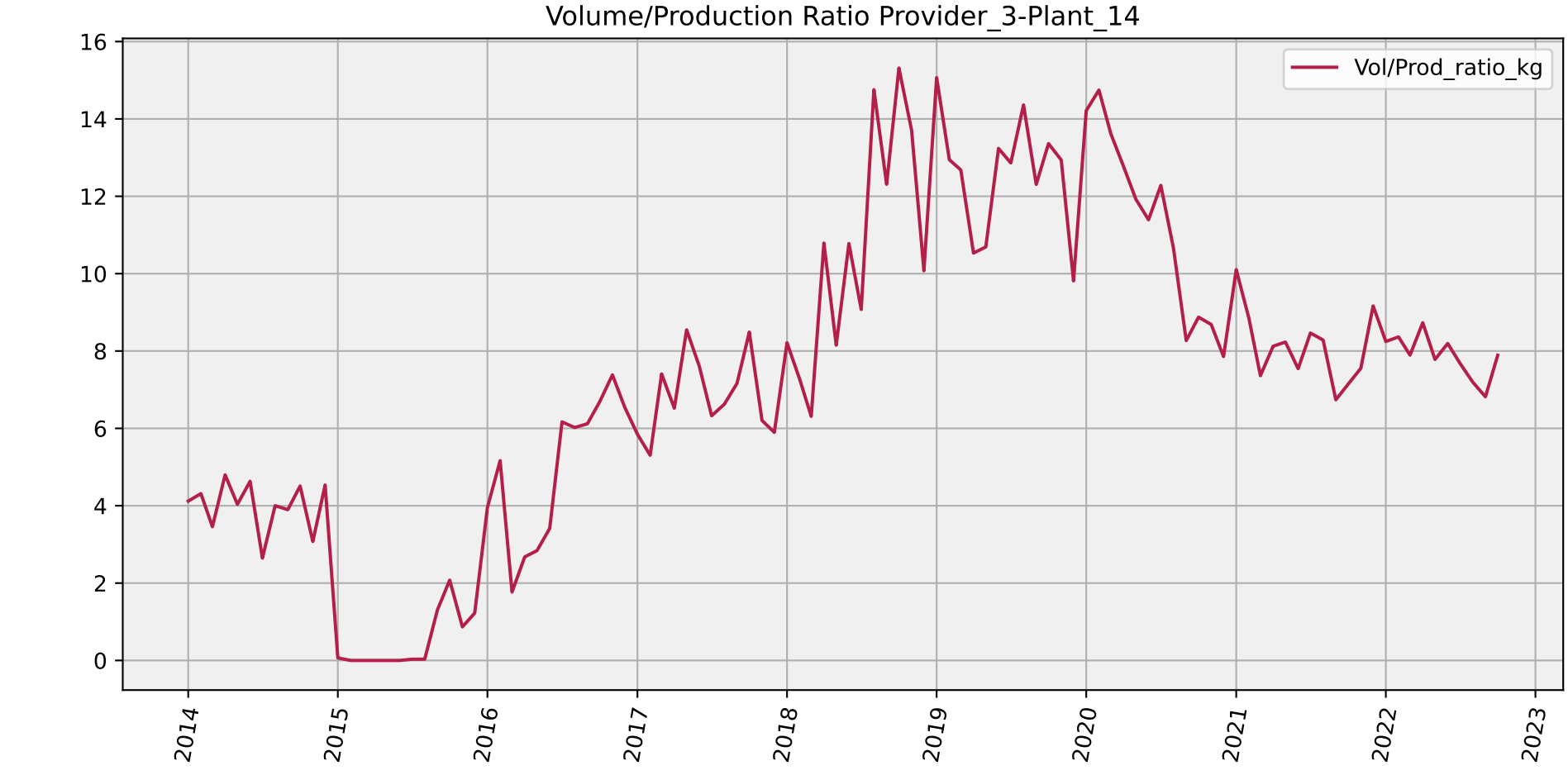
Incoming Volume Provider_3-Plant_14

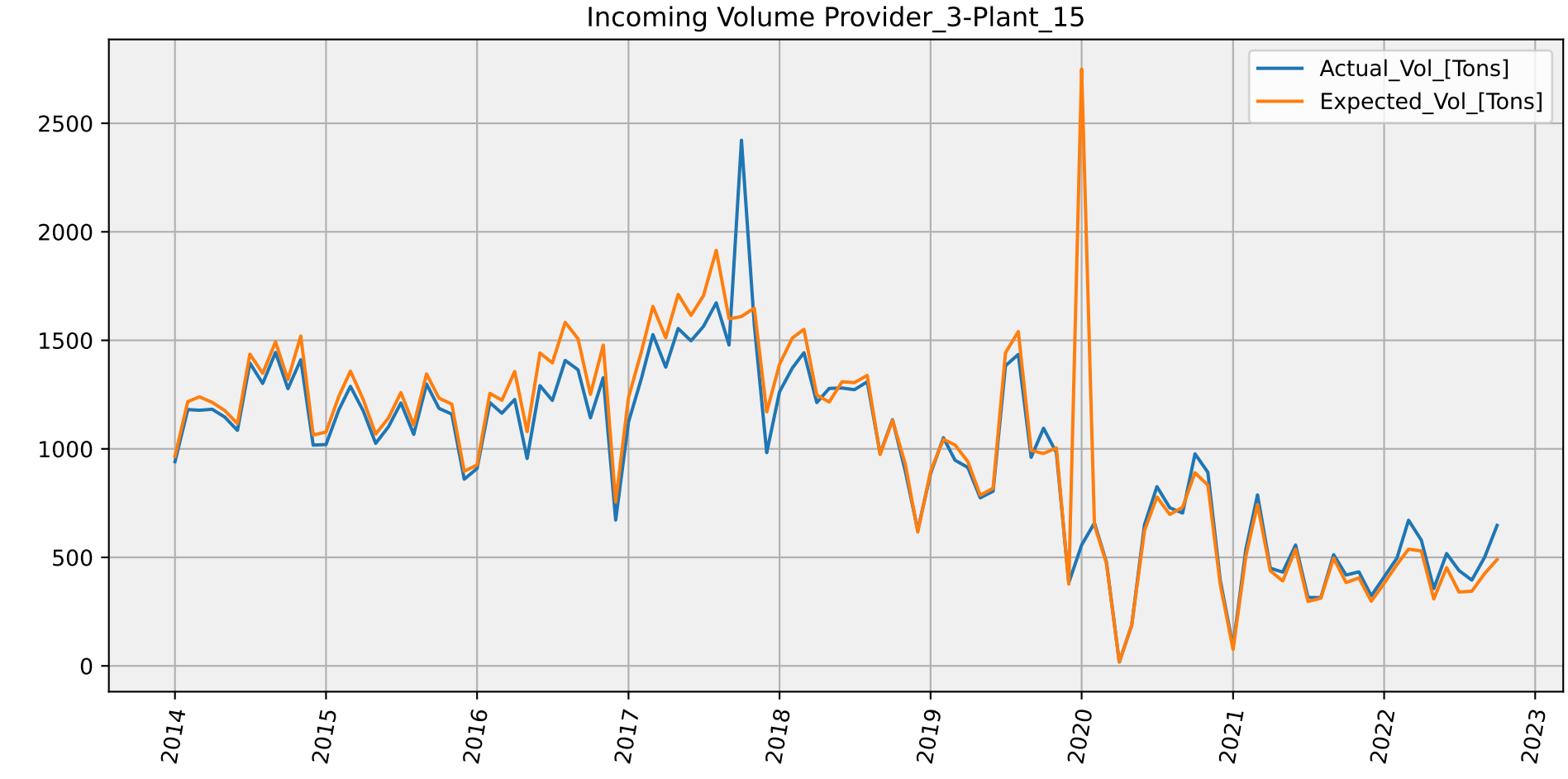


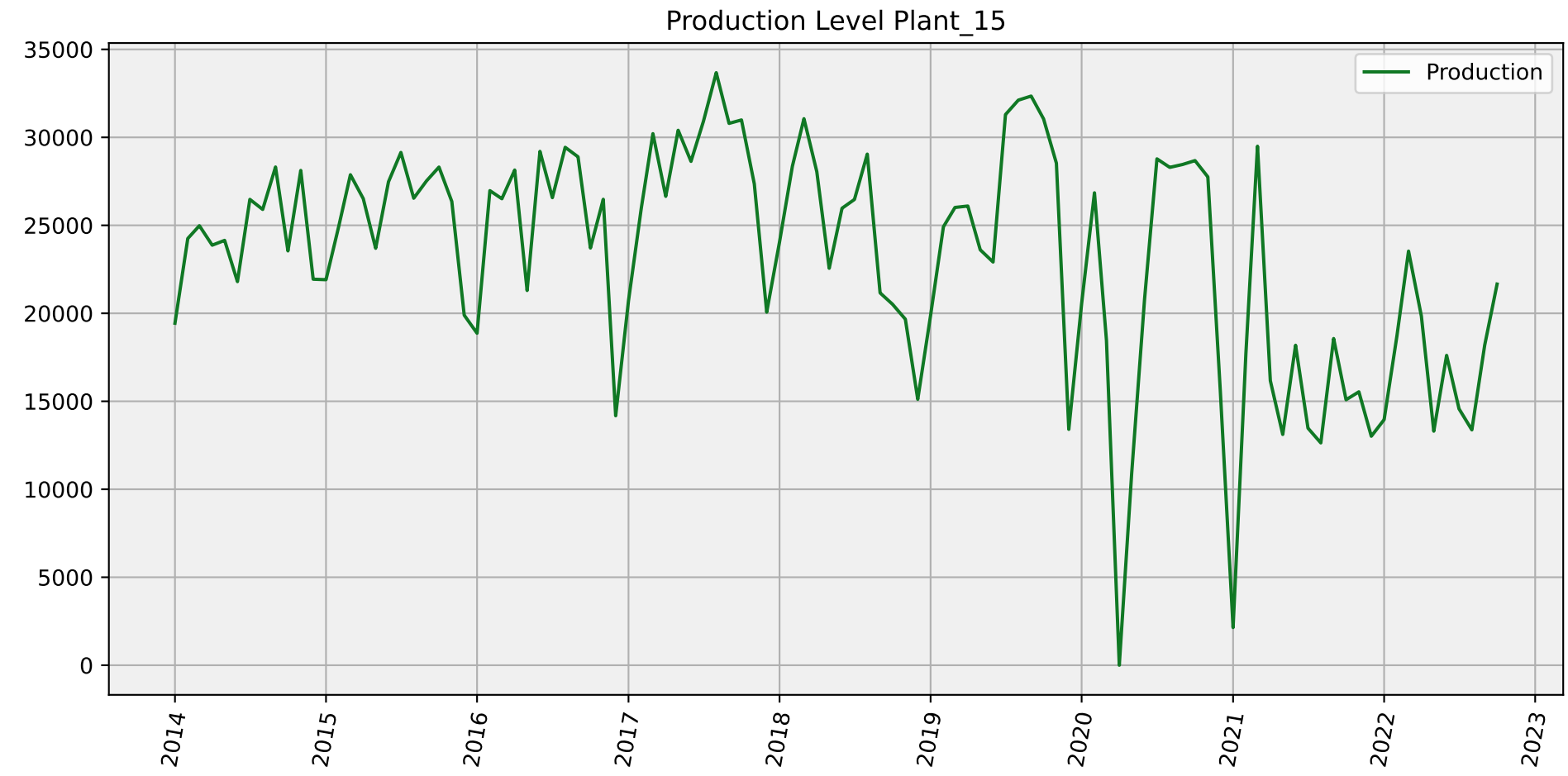
Production Level Plant_14

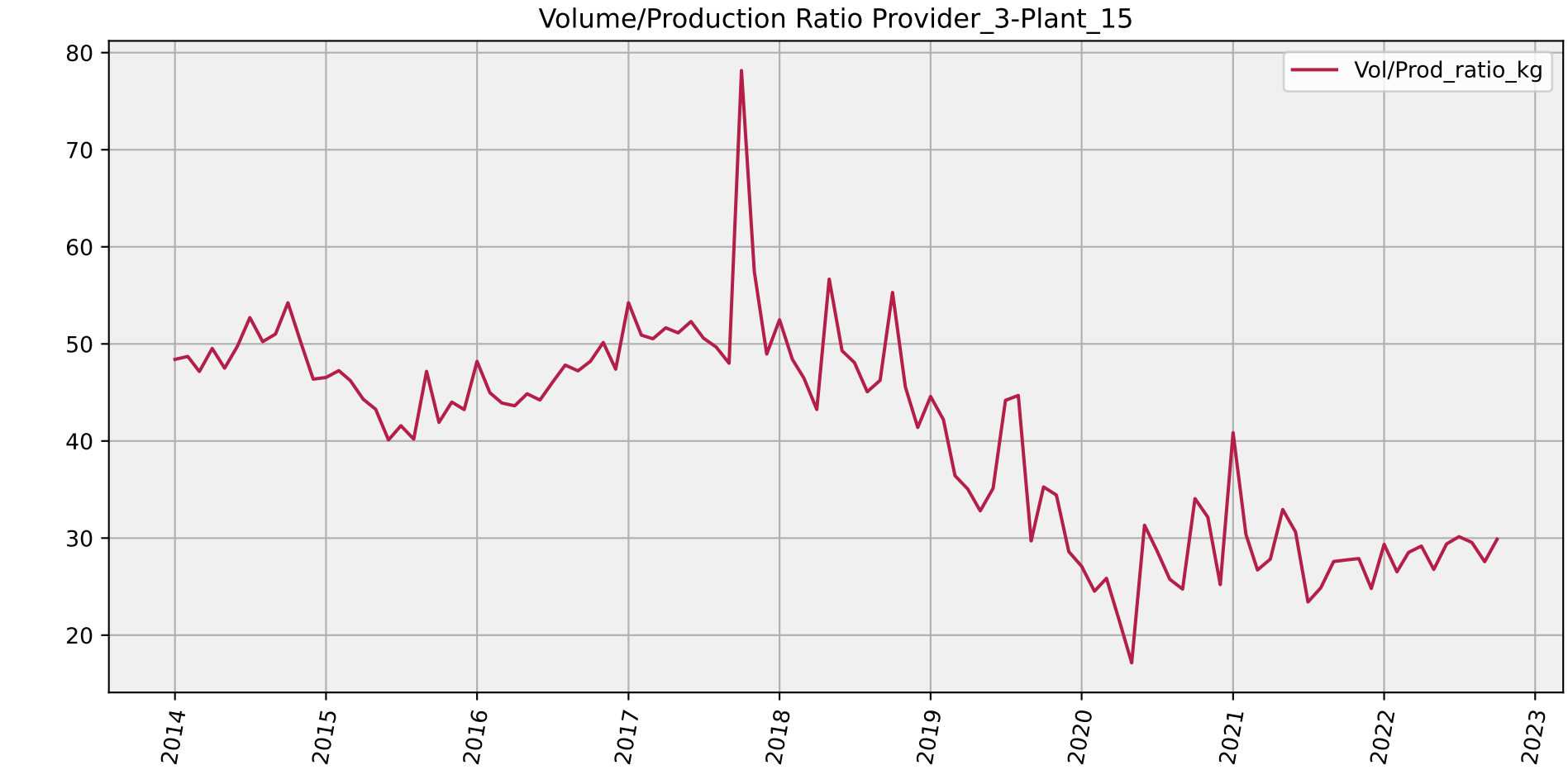


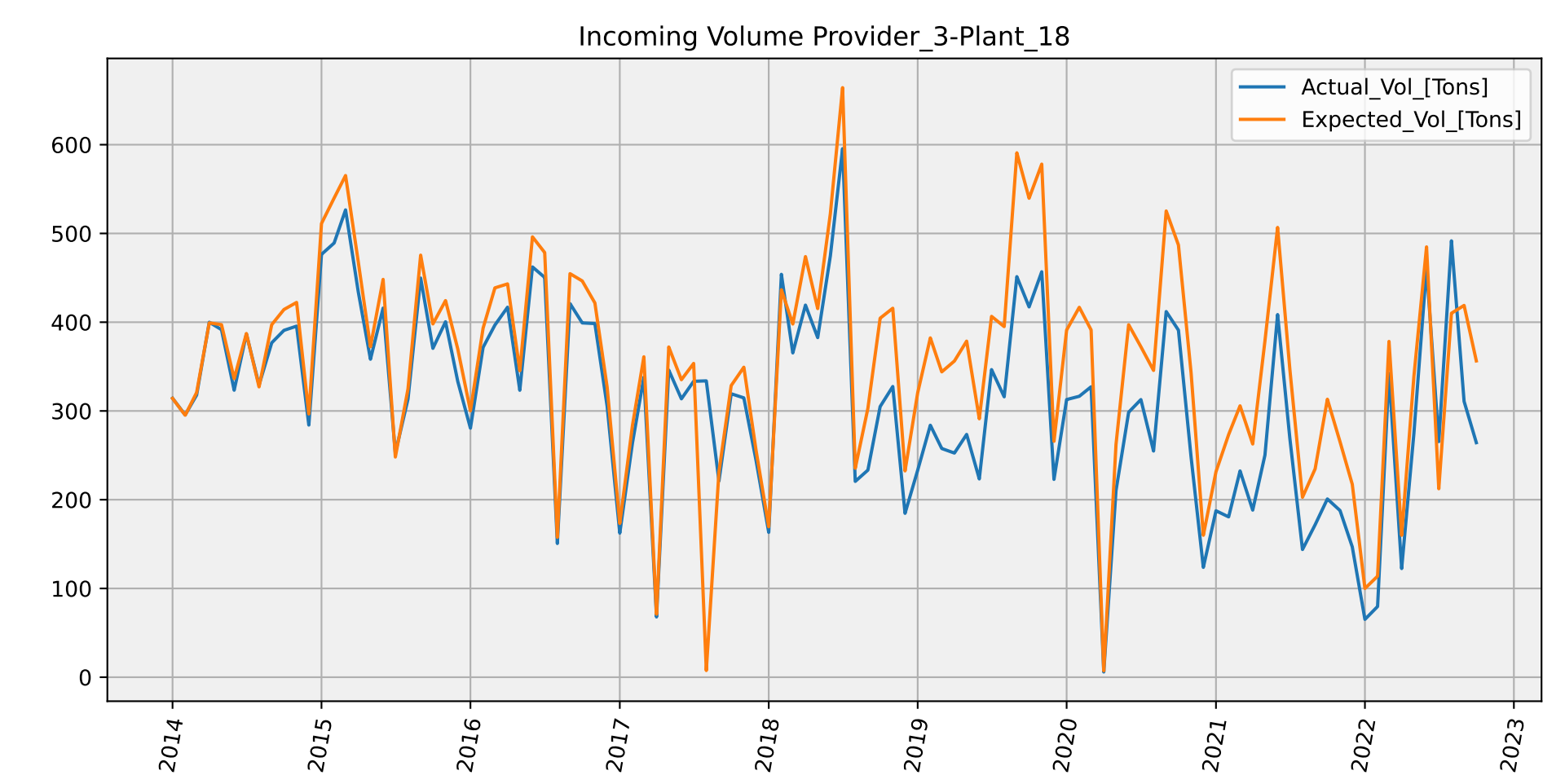
Volume/Production Ratio Provider_3-Plant_14

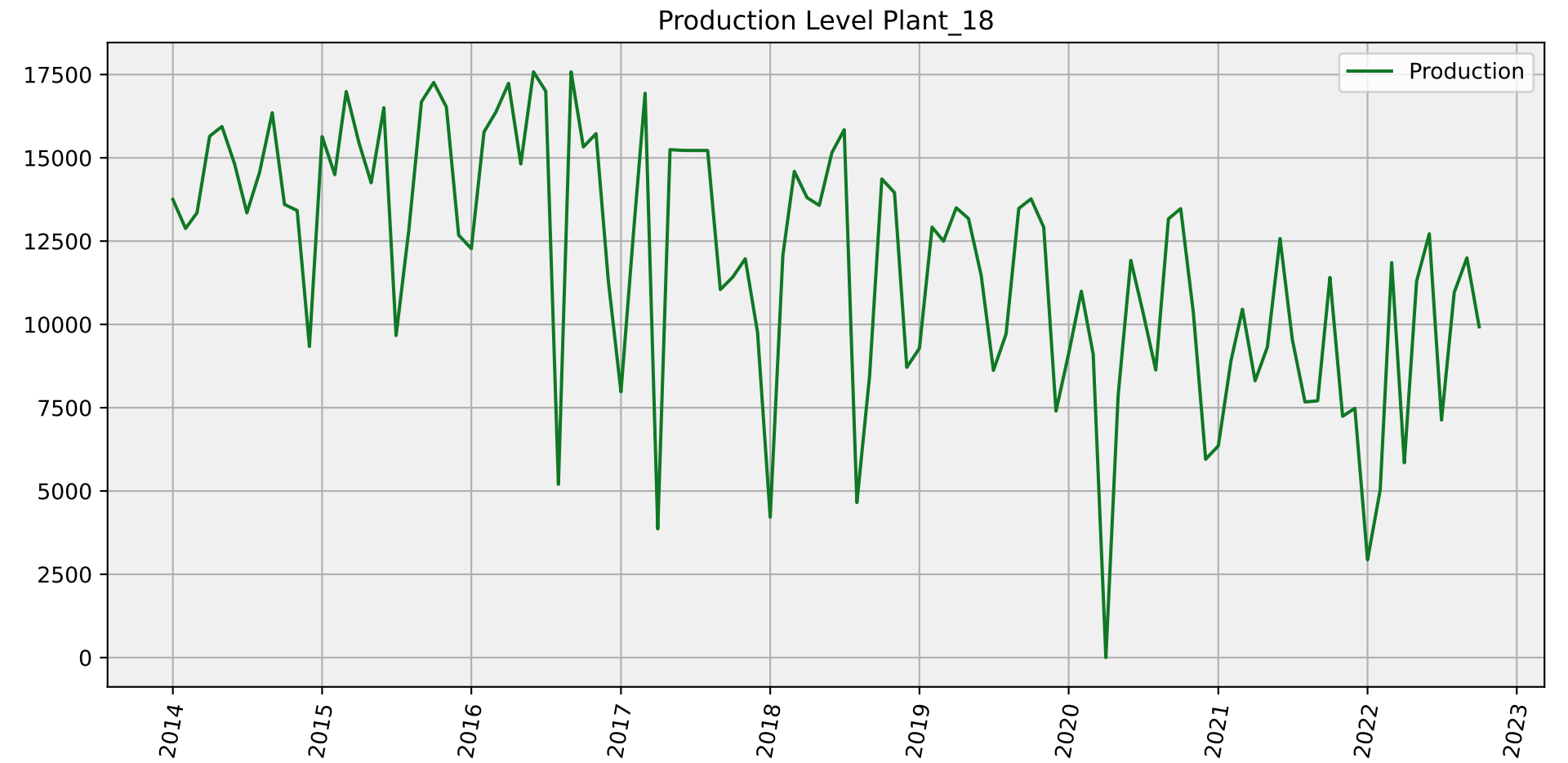


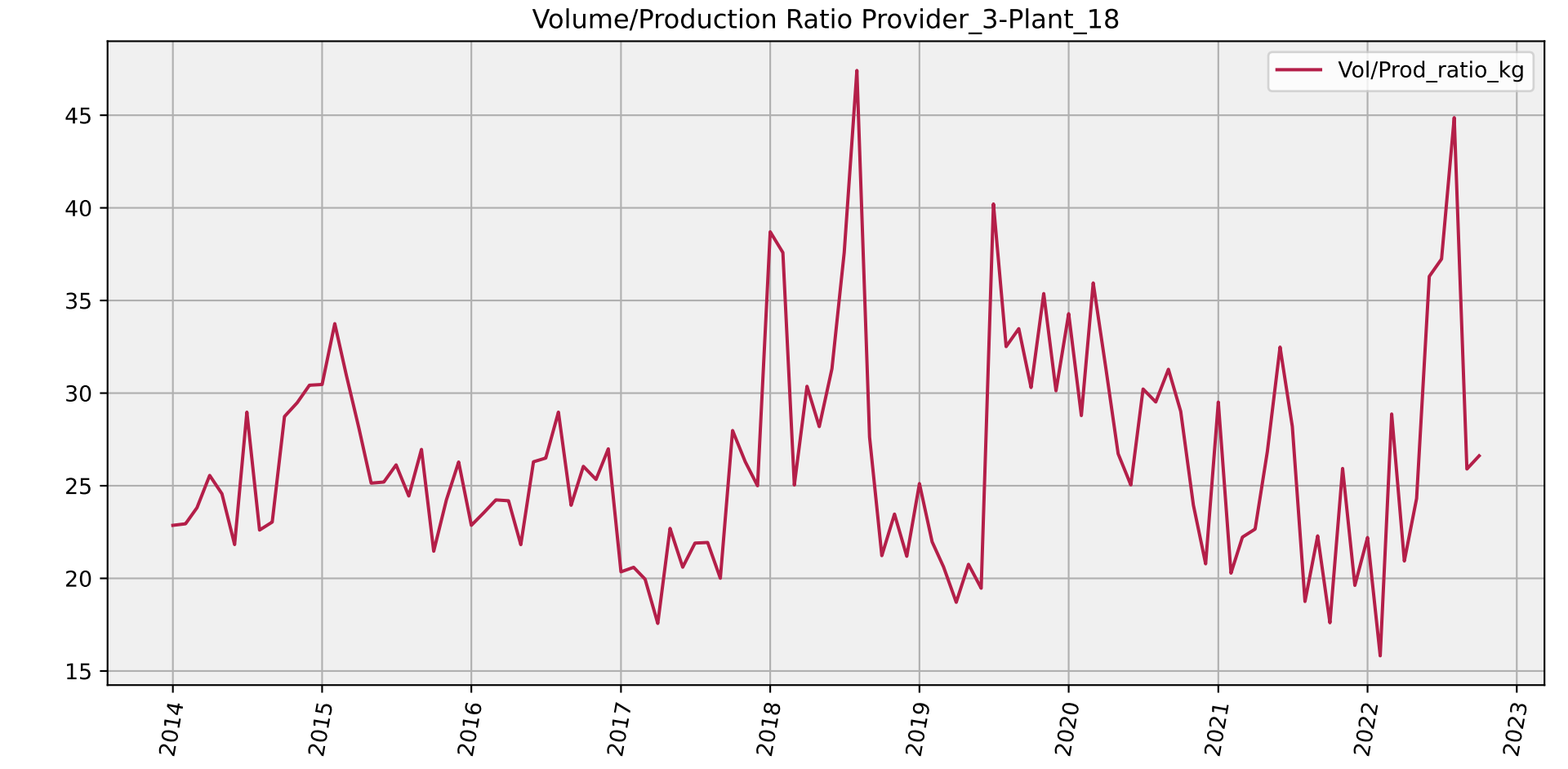

Incoming Volume Provider_3-Plant_15
Actual_Vol_[Tons]
Expected_Vol_[Tons]
2500
2000
1500
1000
500
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

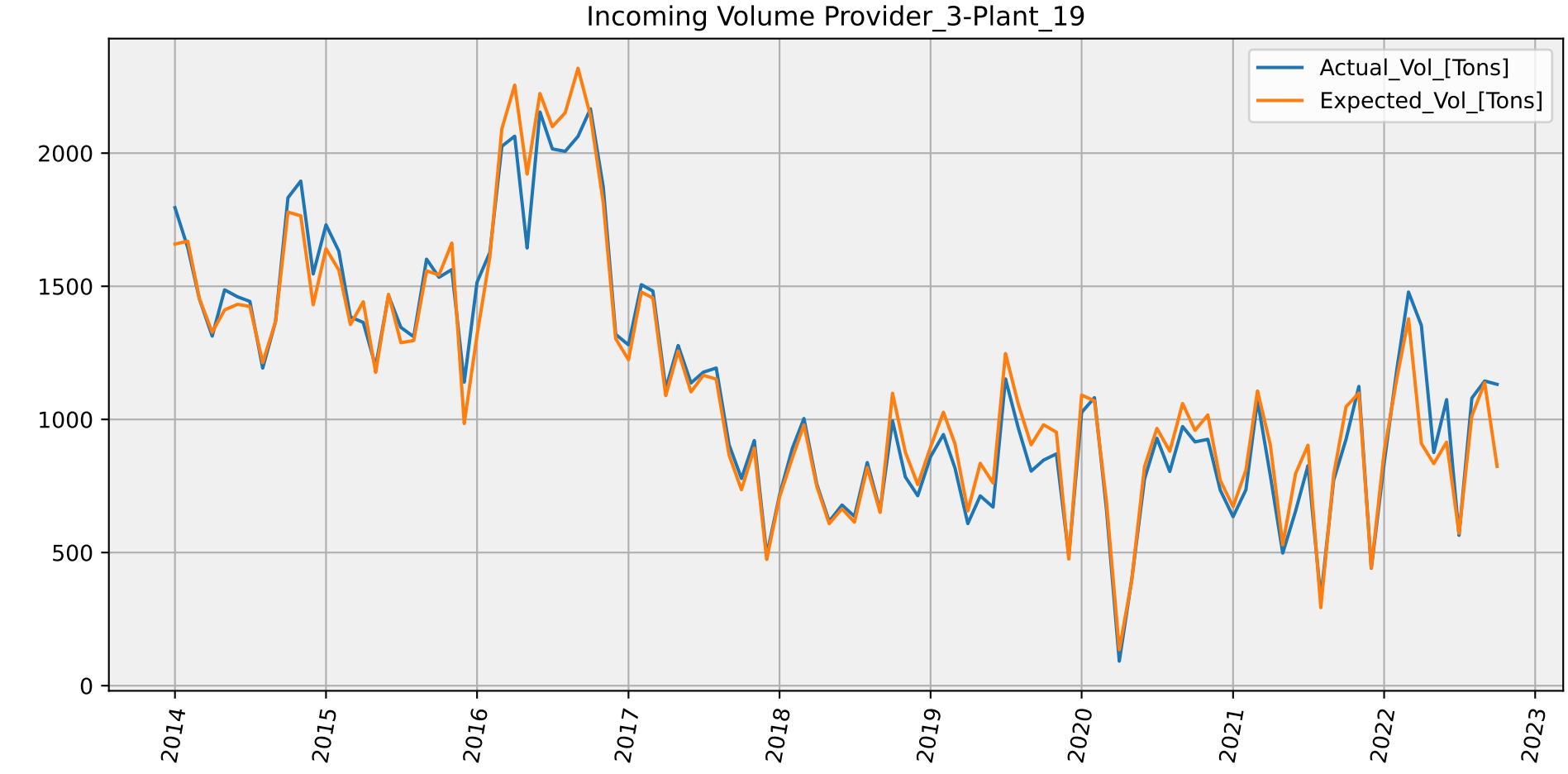

Production Level Plant_15
Production
35000
30000
25000
20000
15000
10000
5000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

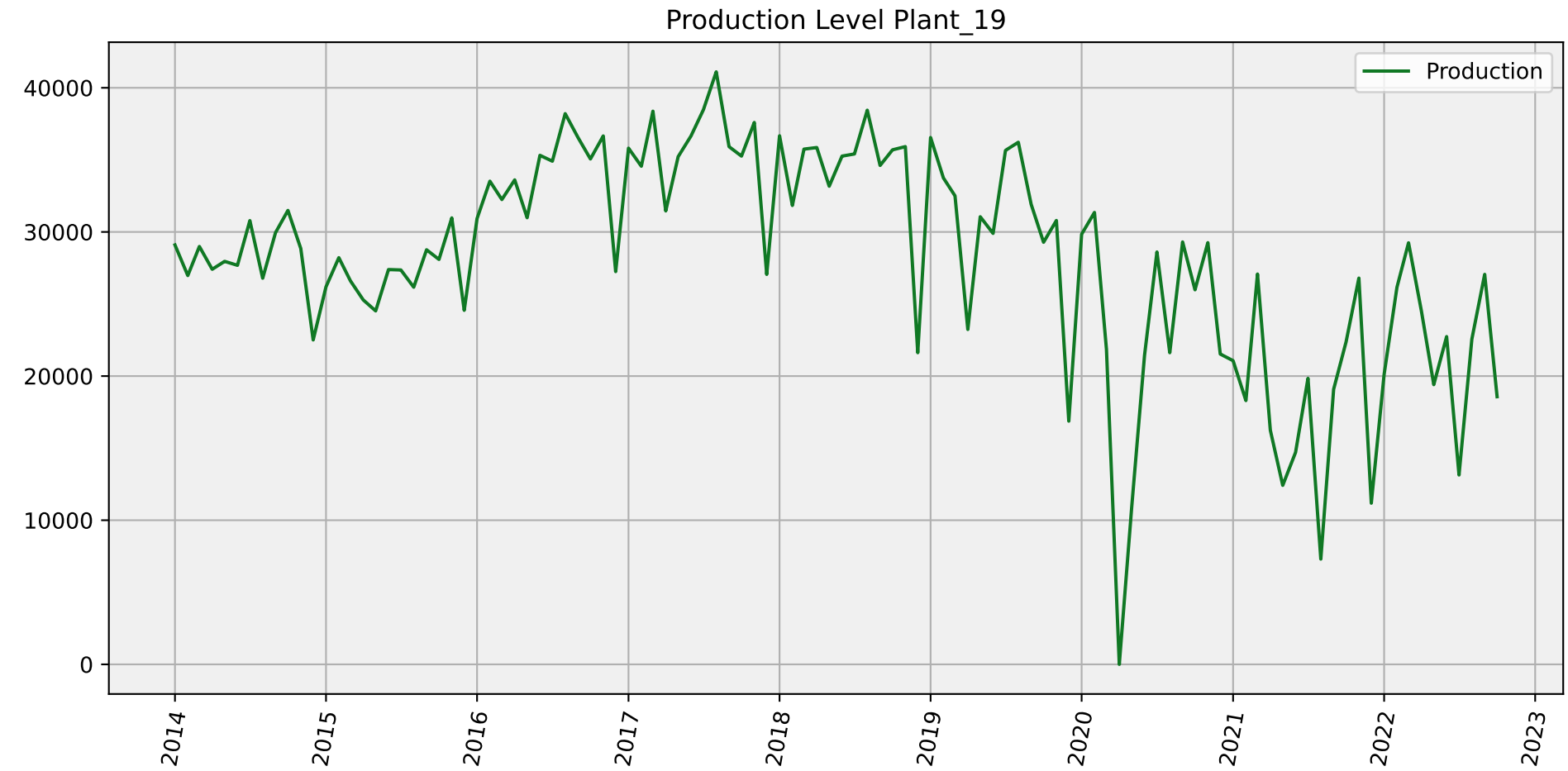

Volume/Production Ratio Provider_3-Plant_15
Vol/Prod_ratio_kg
80
70
60
50
40
30
20
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

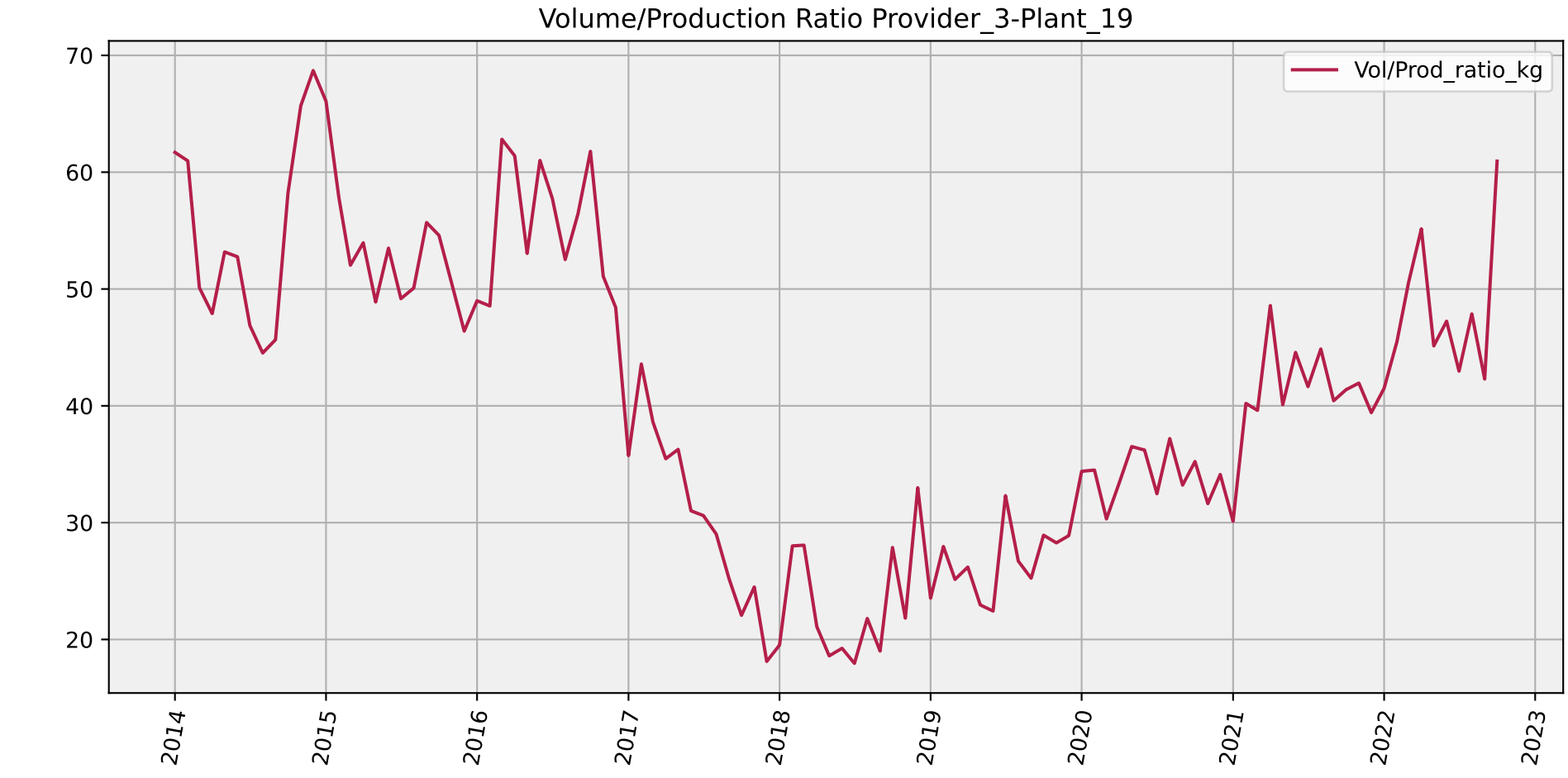

Incoming Volume Provider_3-Plant_18
Actual_Vol_[Tons]
Expected_Vol_[Tons]
600
500
400
300
200
100
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

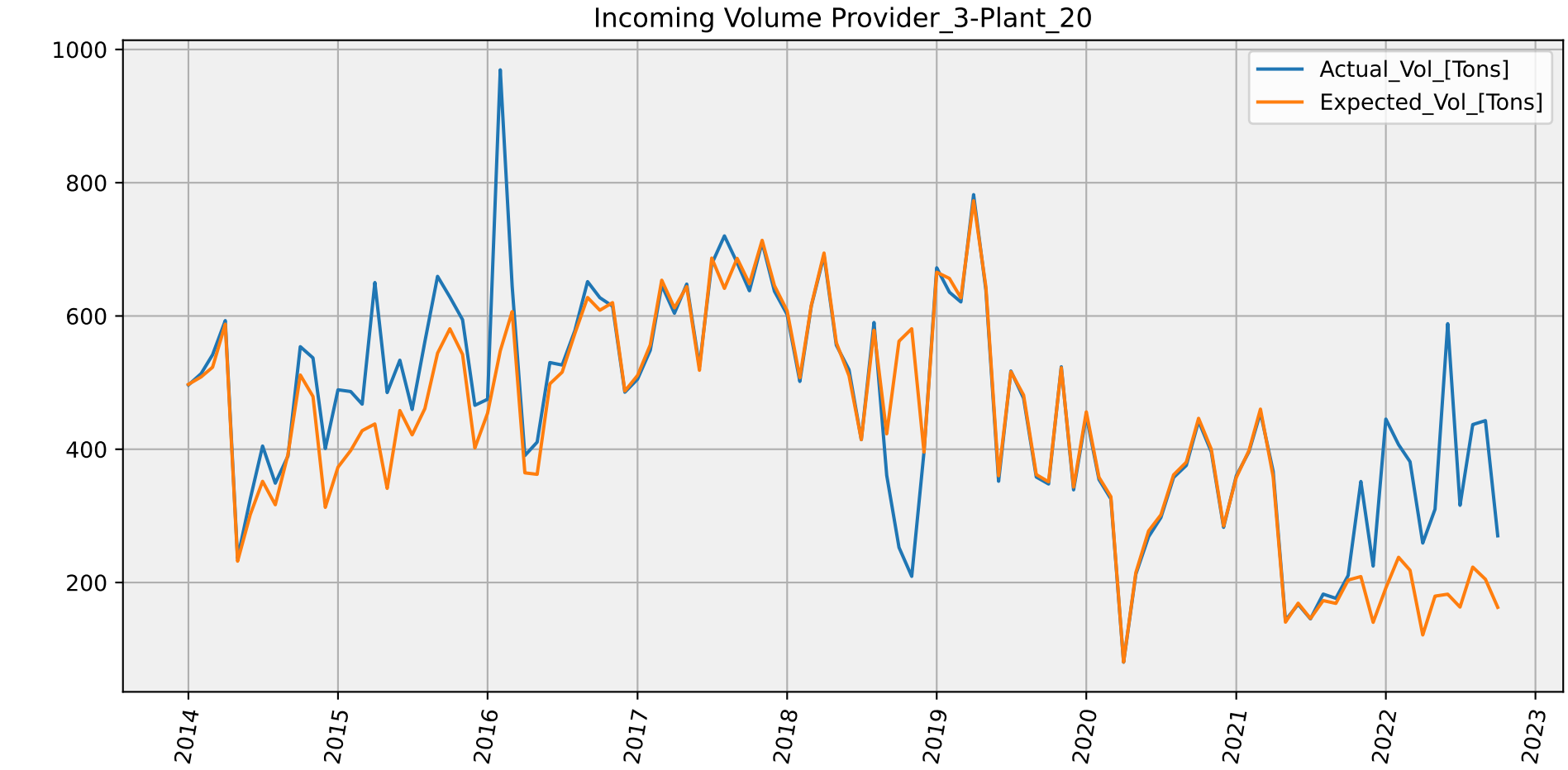

Production Level Plant_18
Production
17500
15000
12500
10000
7500
5000
2500
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

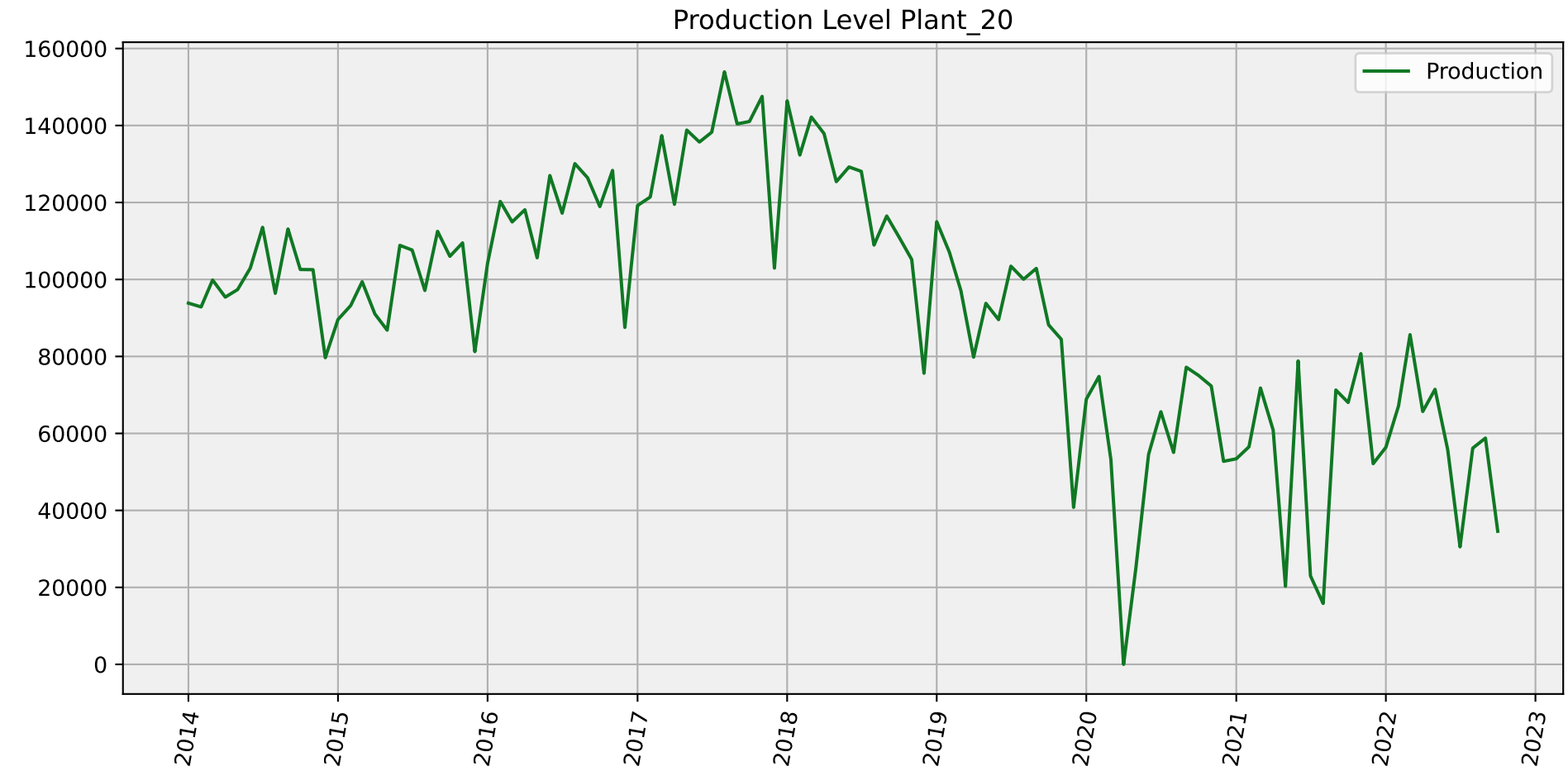

Volume/Production Ratio Provider_3-Plant_18
Vol/Prod_ratio_kg
45
40
35
30
25
20
15
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

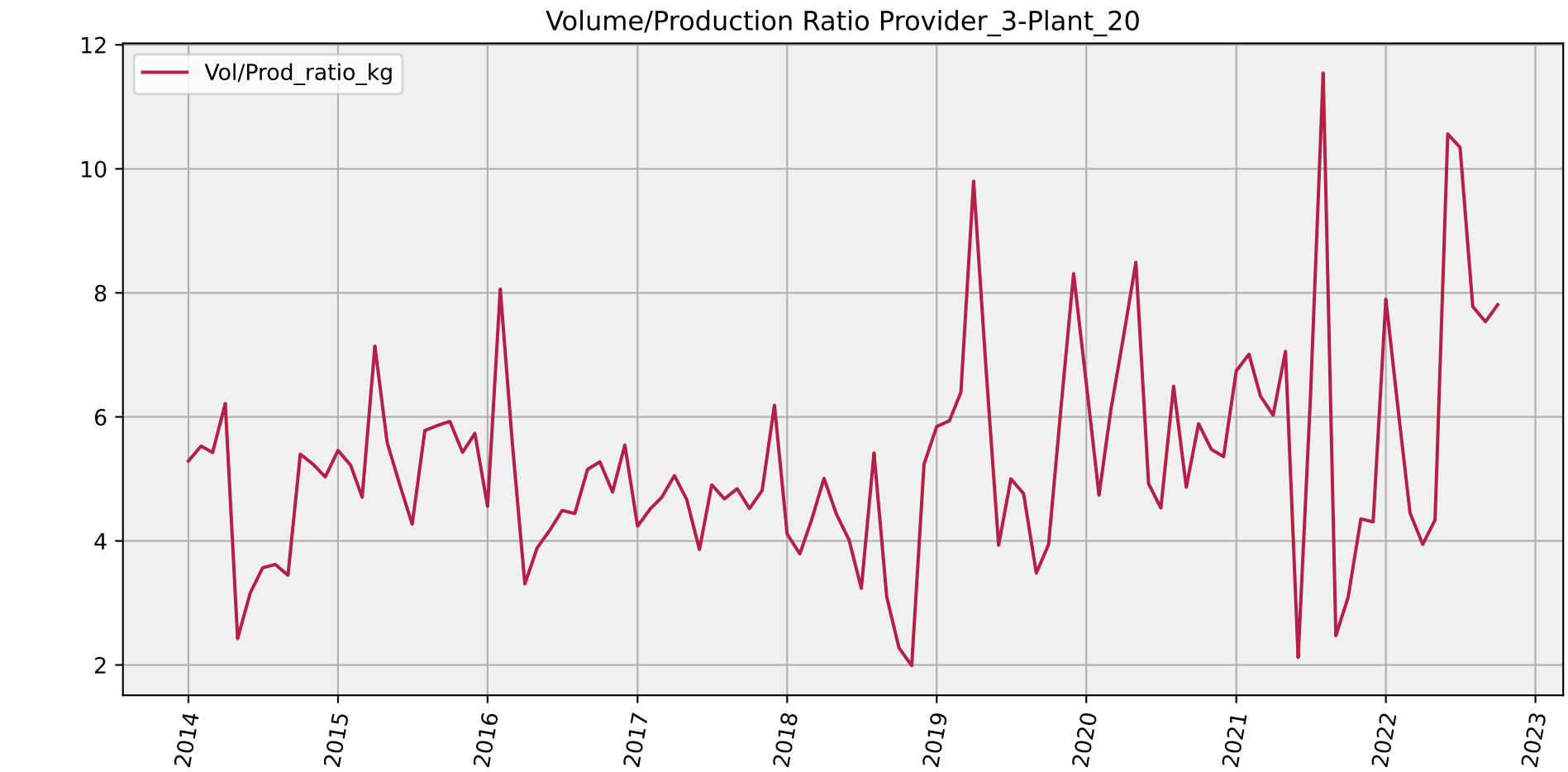

Incoming Volume Provider_3-Plant_19
Actual_Vol_[Tons]
Expected_Vol_[Tons]
2000
1500
1000
500
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Production Level Plant_19
Production
40000
30000
20000
10000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

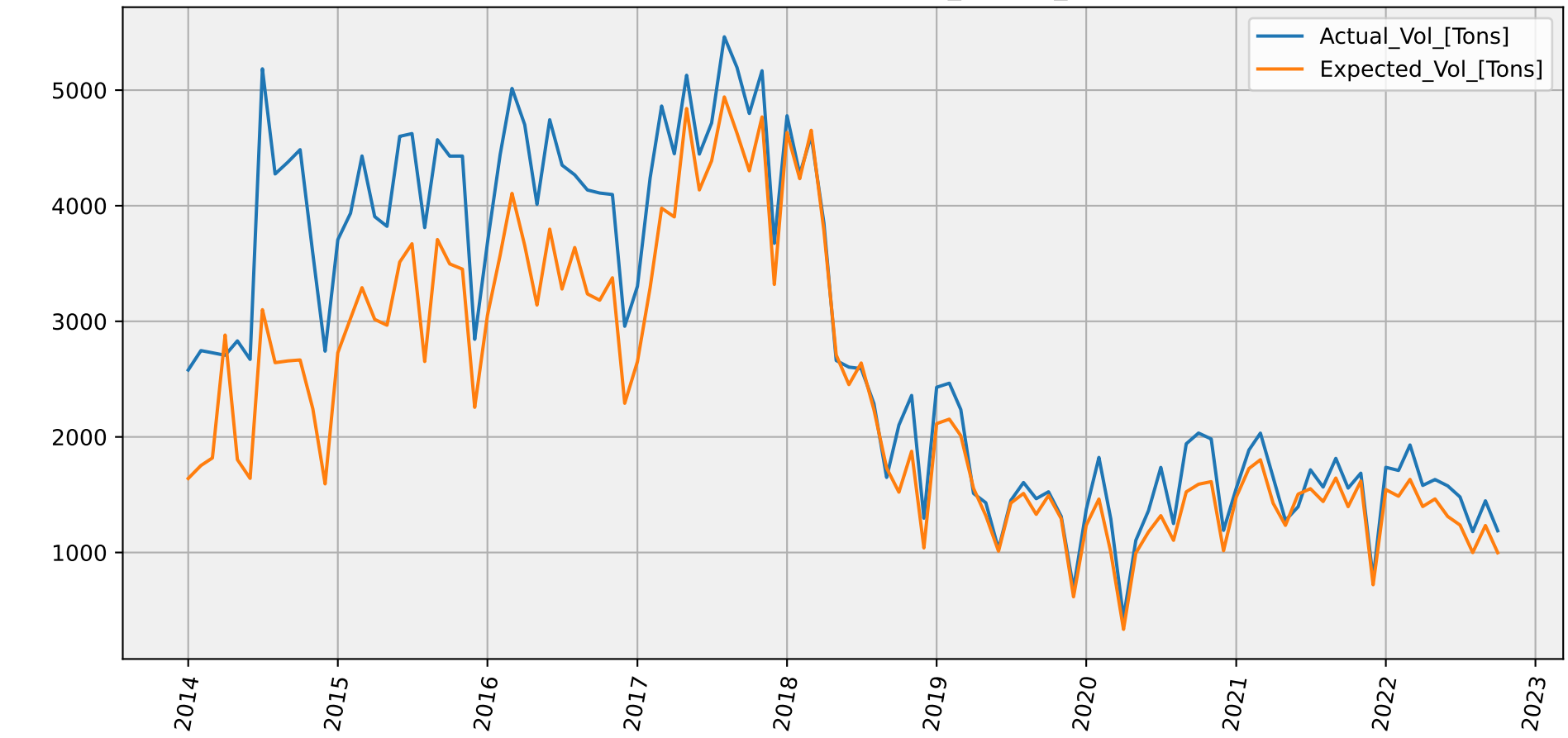

Volume/Production Ratio Provider_3-Plant_19
Vol/Prod_ratio_kg
70
60
50
40
30
20
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Incoming Volume Provider_3-Plant_20
Actual_Vol_[Tons]
Expected_Vol_[Tons]
1000
800
600
400
200
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

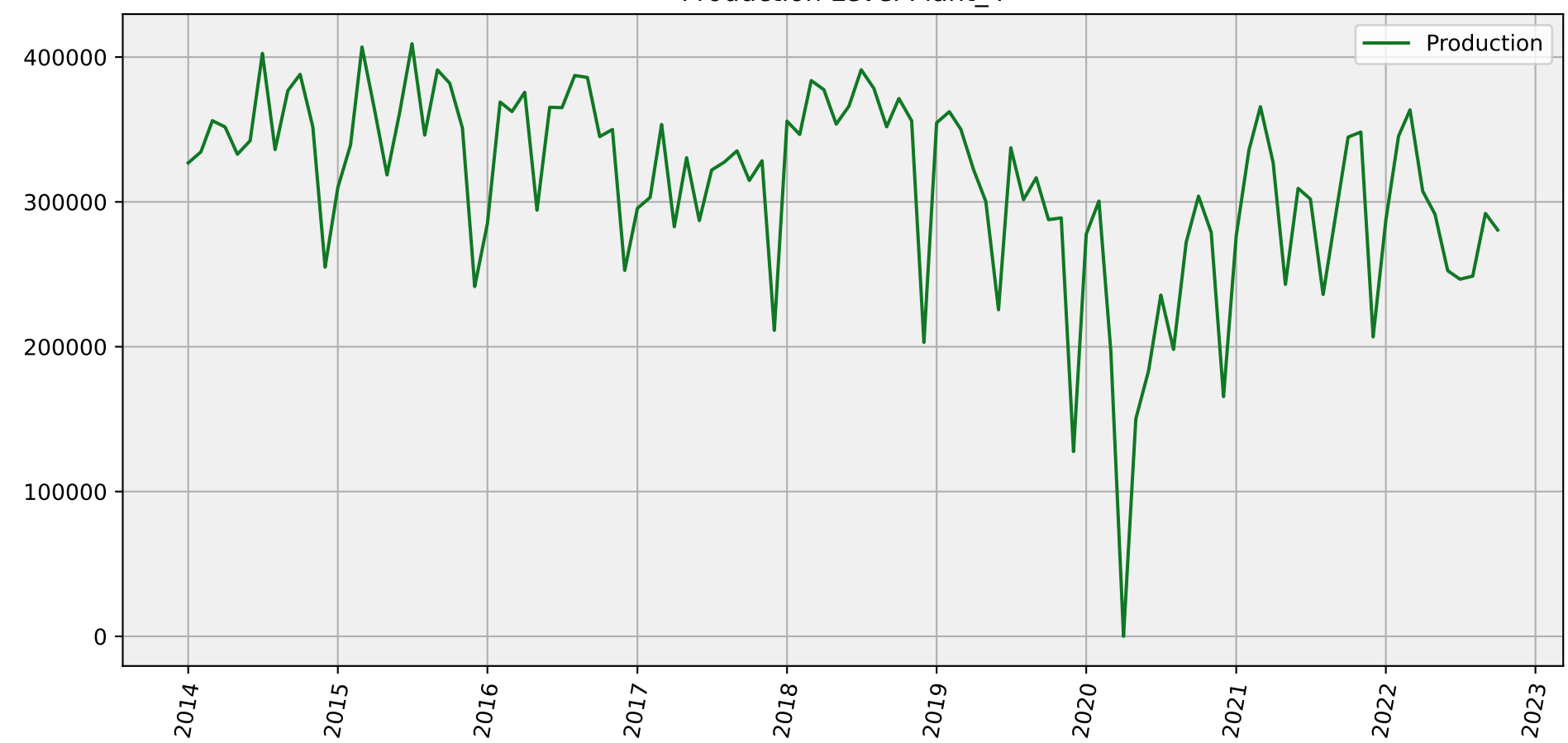

Production Level Plant_20
Production
160000
140000
120000
100000
80000
60000
40000
20000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_3-Plant_20
Vol/Prod_ratio_kg
12
10
8
6
4
2
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

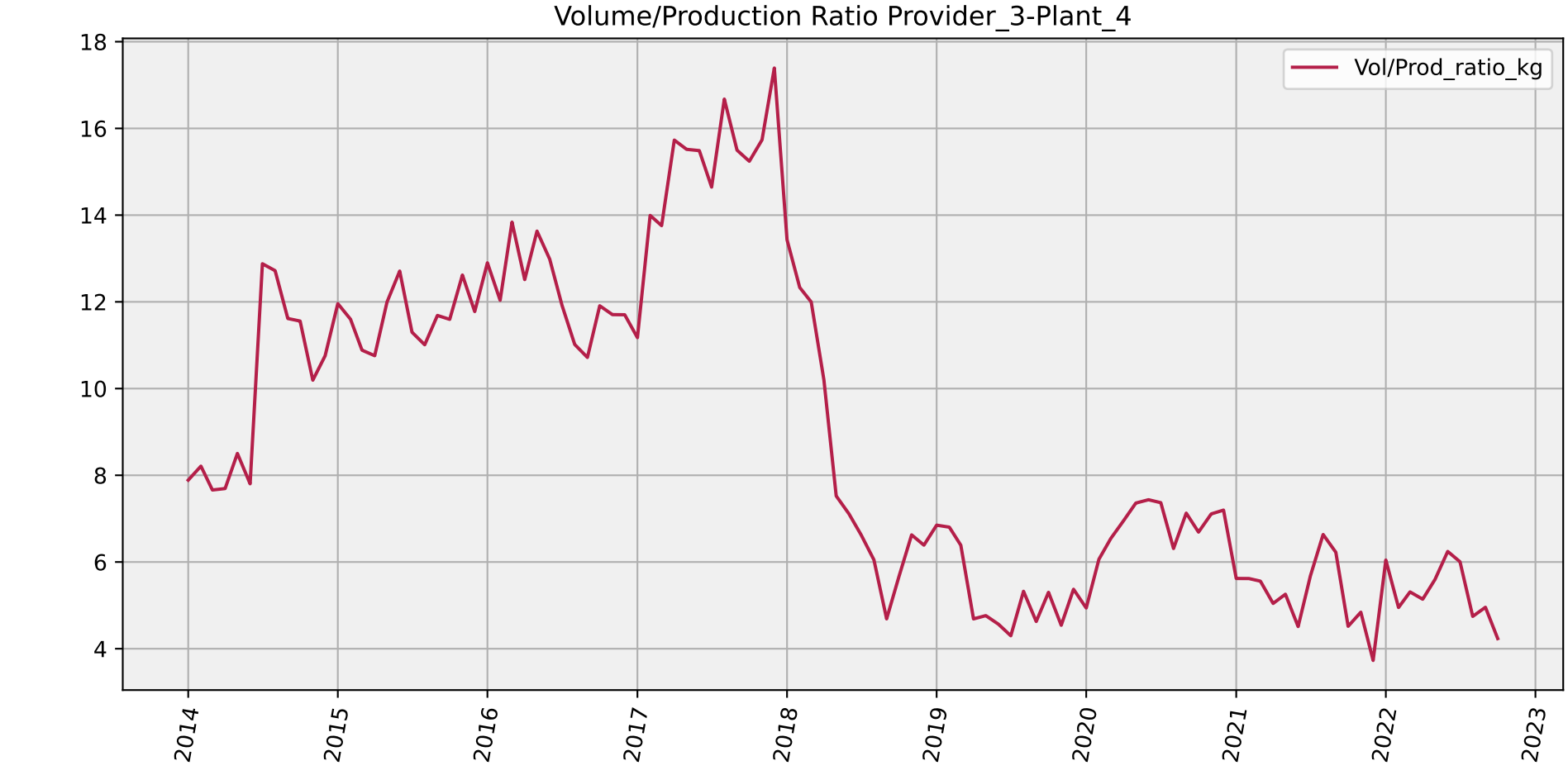
Incoming Volume Provider_3-Plant_4

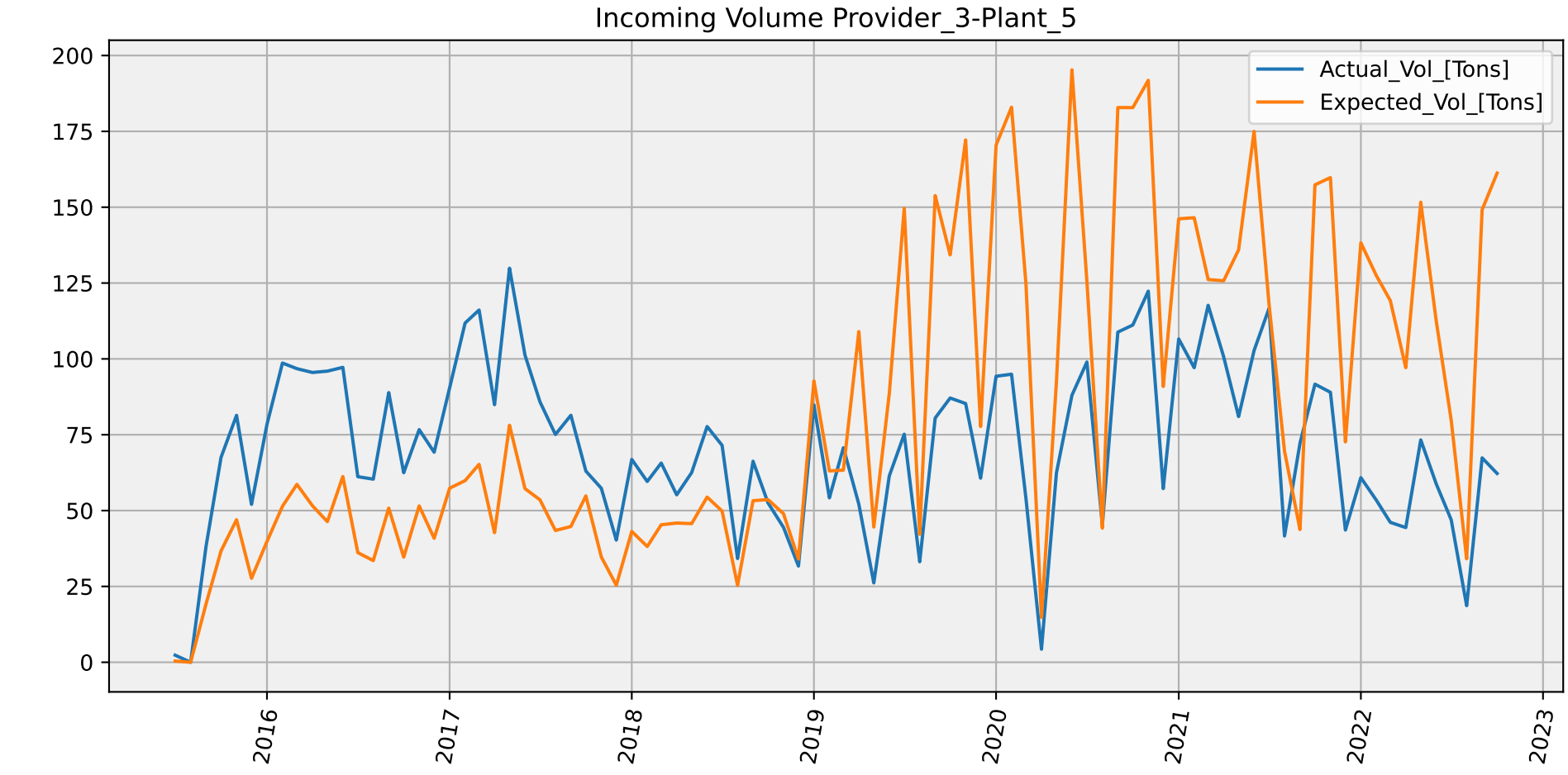


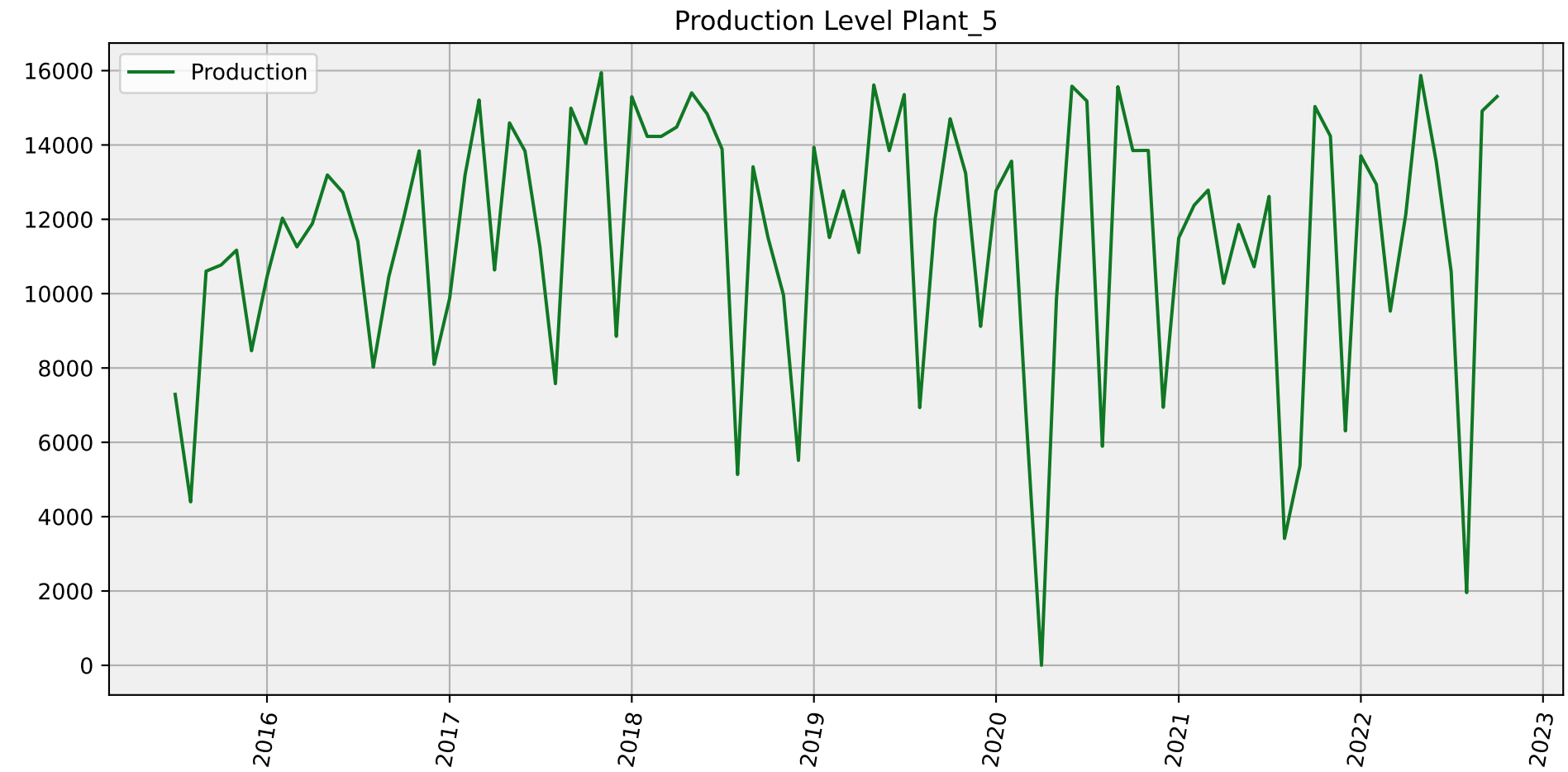
Production Level Plant_4

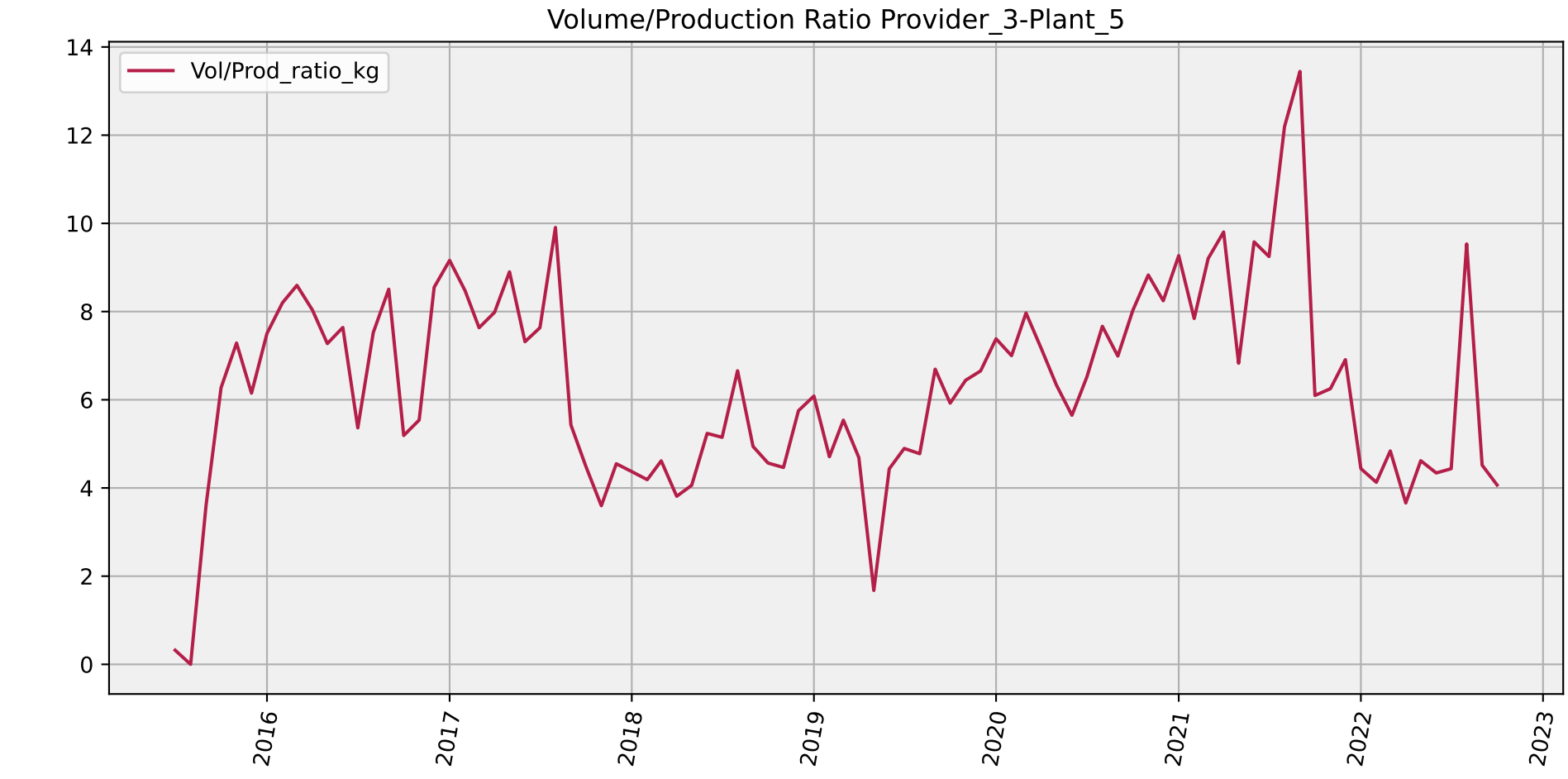


Volume/Production Ratio Provider_3-Plant_4

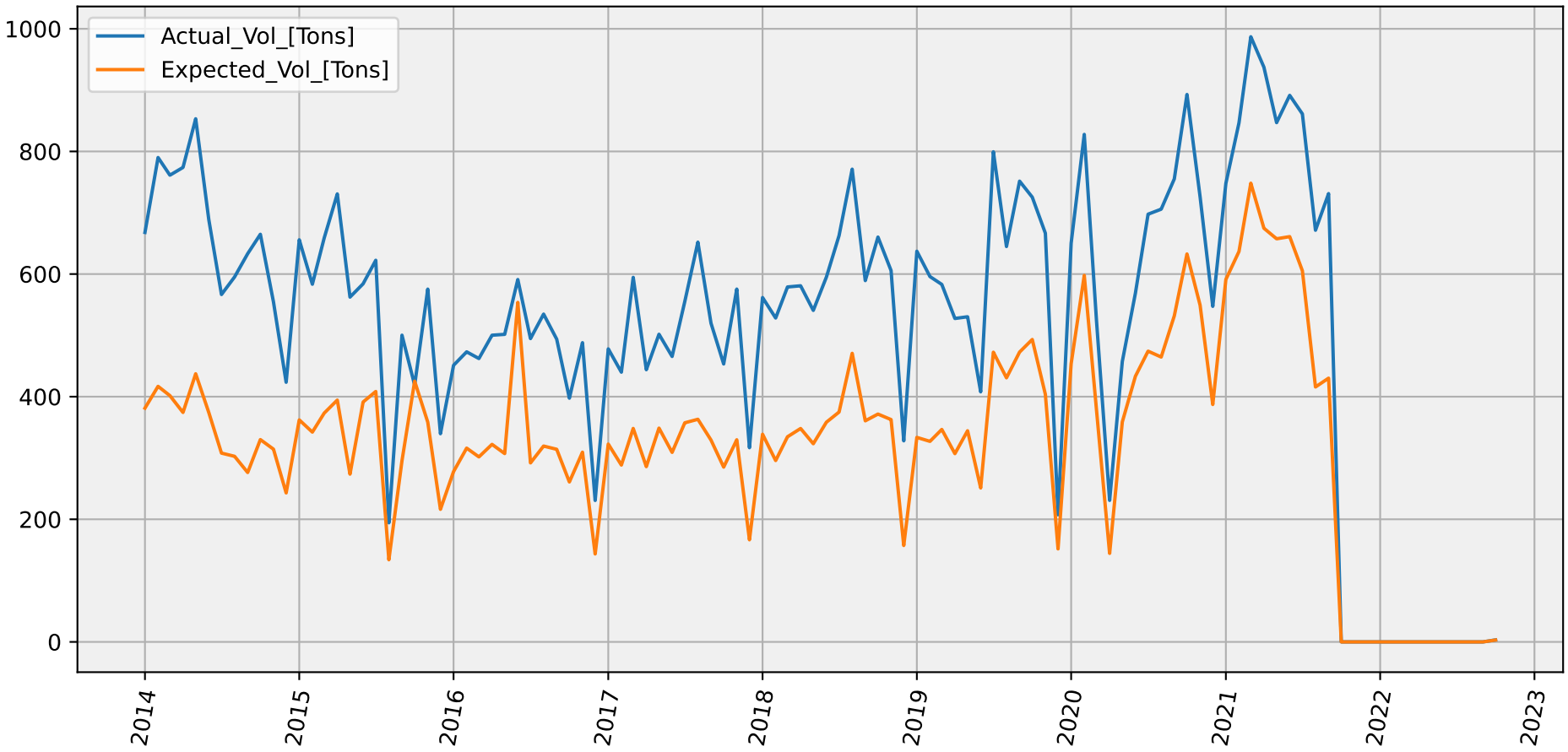



Incoming Volume Provider_3-Plant_5
Actual_Vol_[Tons]
Expected_Vol_[Tons]
200
175
150
125
100
75
50
25
0
2016
2017
2018
2019
2020
2021
2022
2023

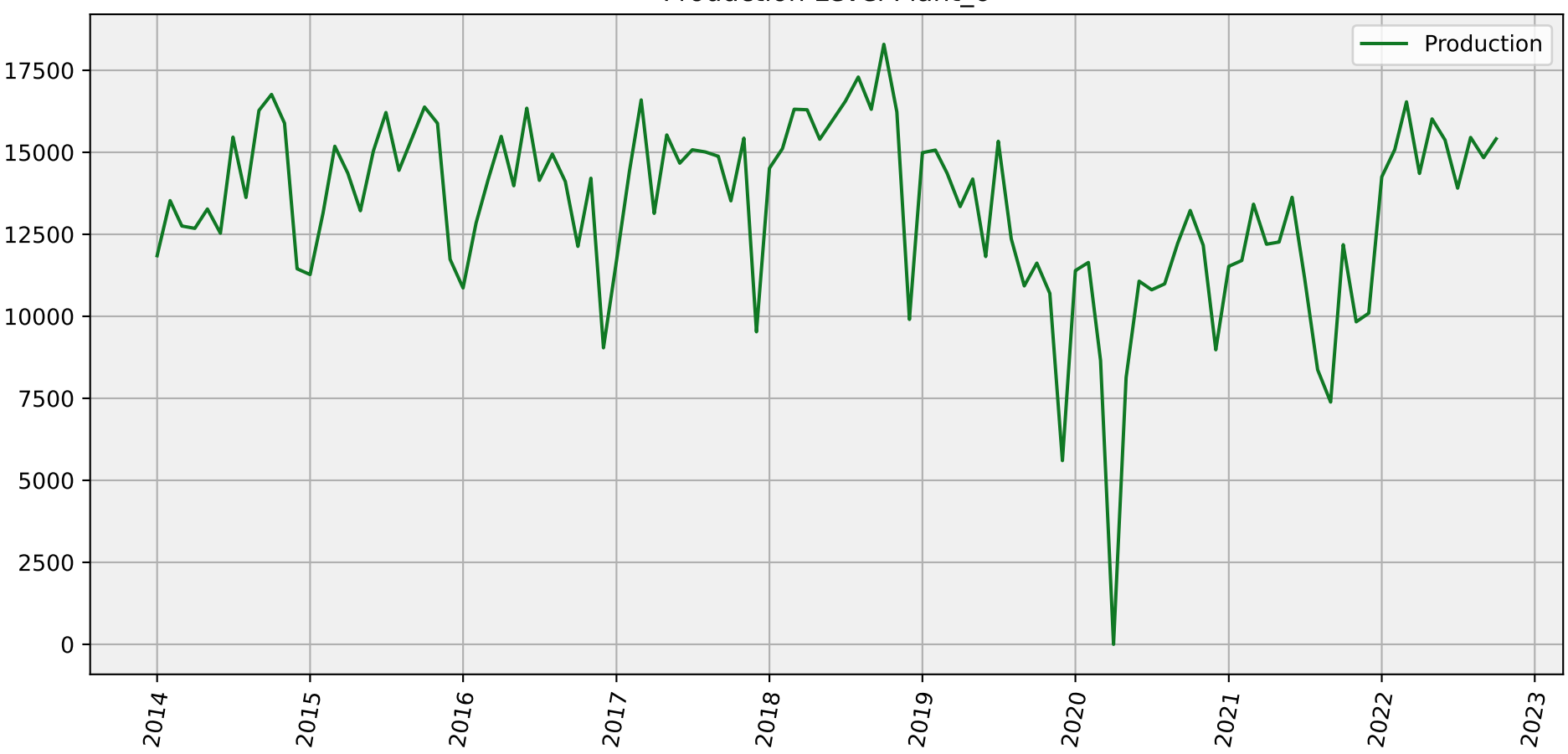

Production Level Plant_5
Production
16000
14000
12000
10000
8000
6000
4000
2000
0
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_3-Plant_5
Vol/Prod_ratio_kg
14
12
10
8
6
4
2
0
2016
2017
2018
2019
2020
2021
2022
2023

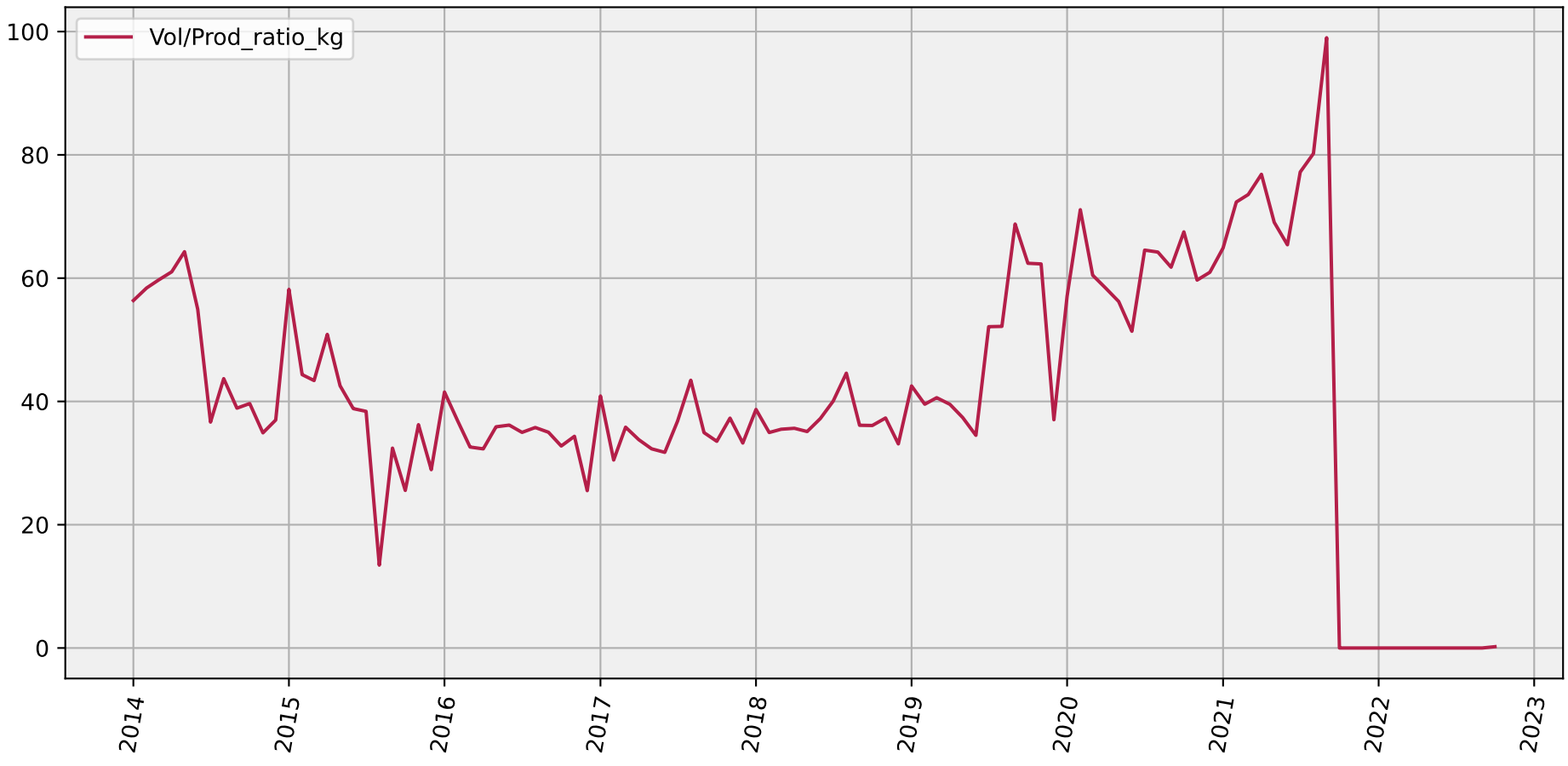
Incoming Volume Provider_3-Plant_6

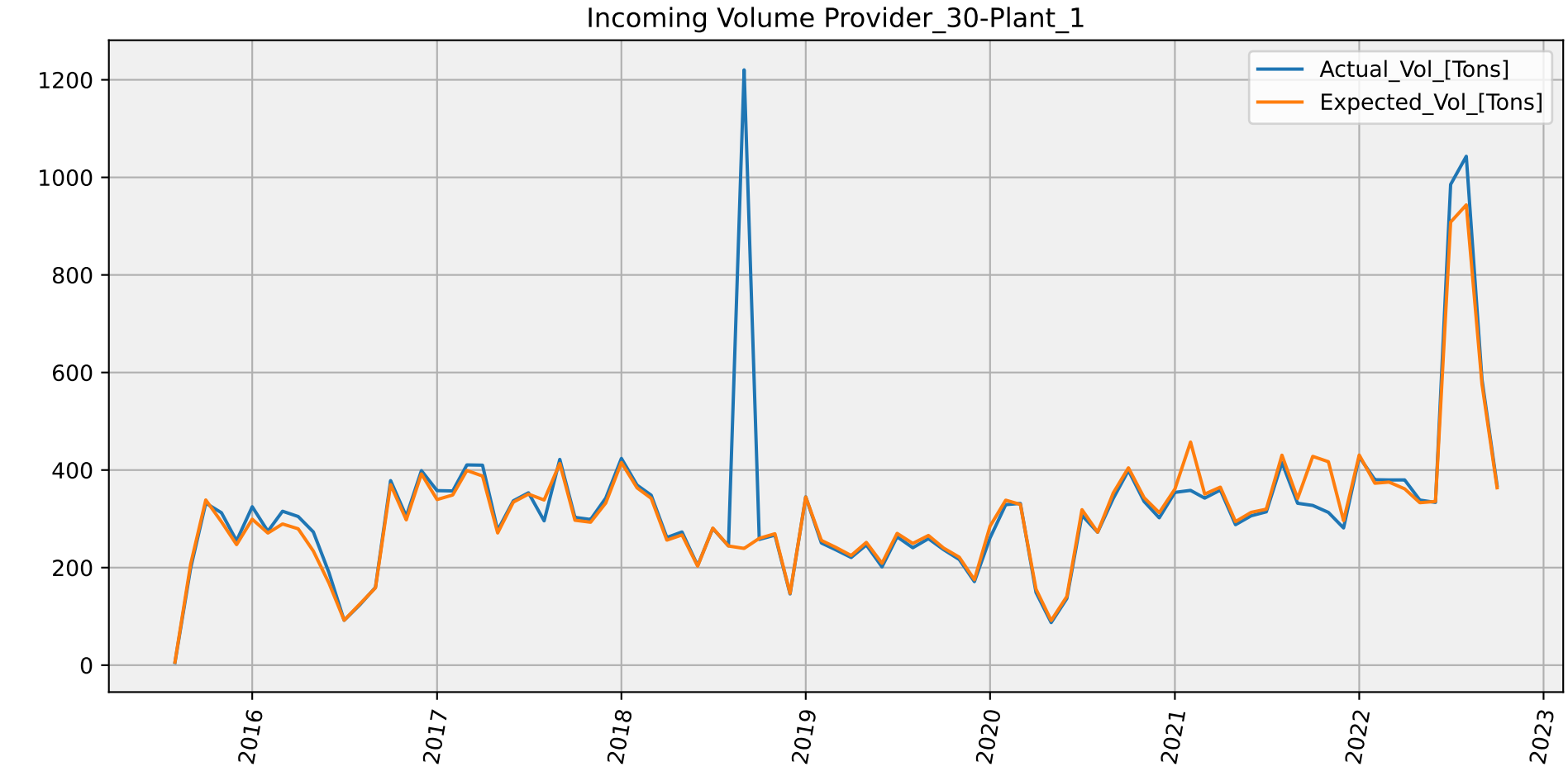


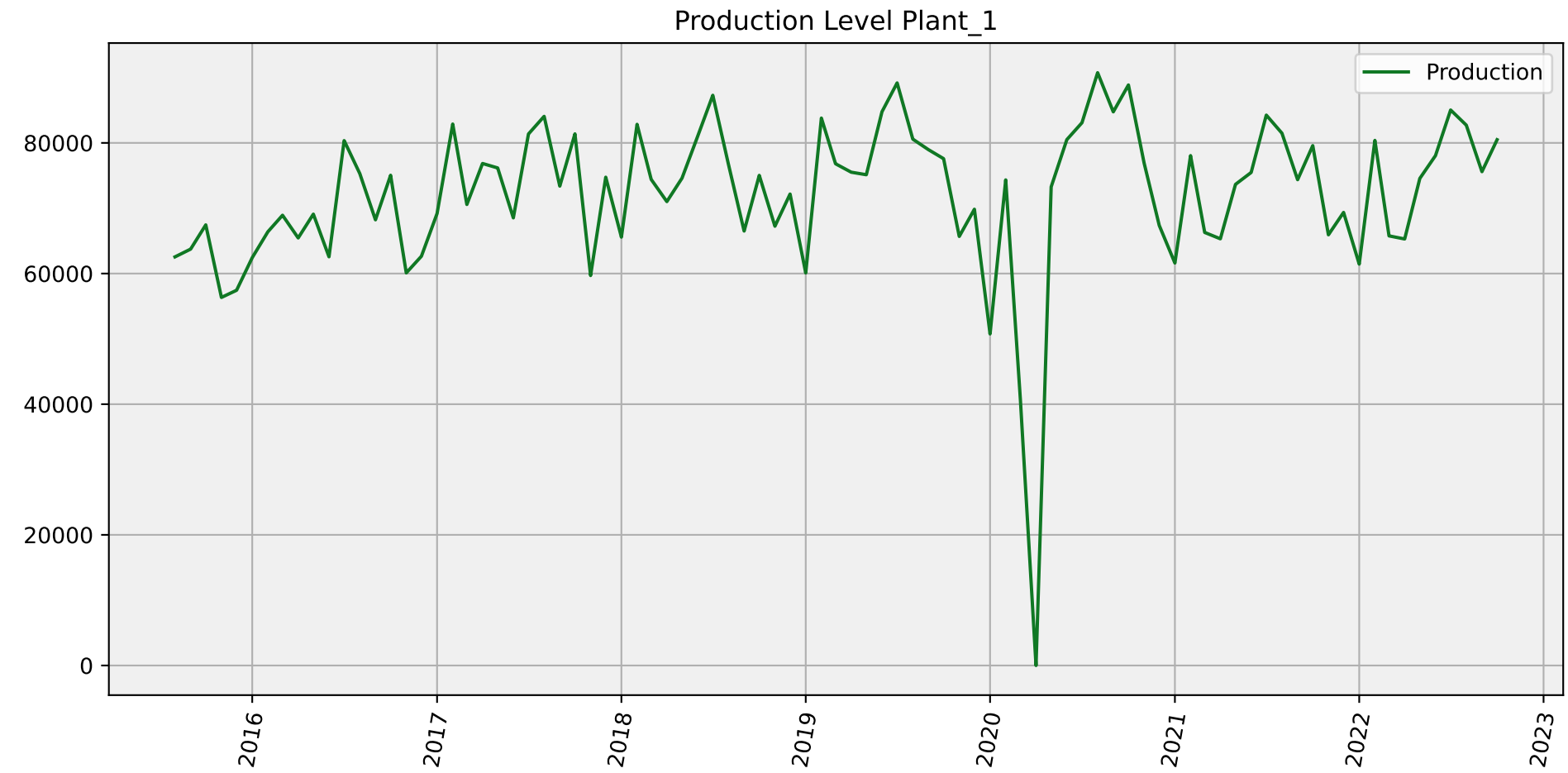
Production Level Plant_6

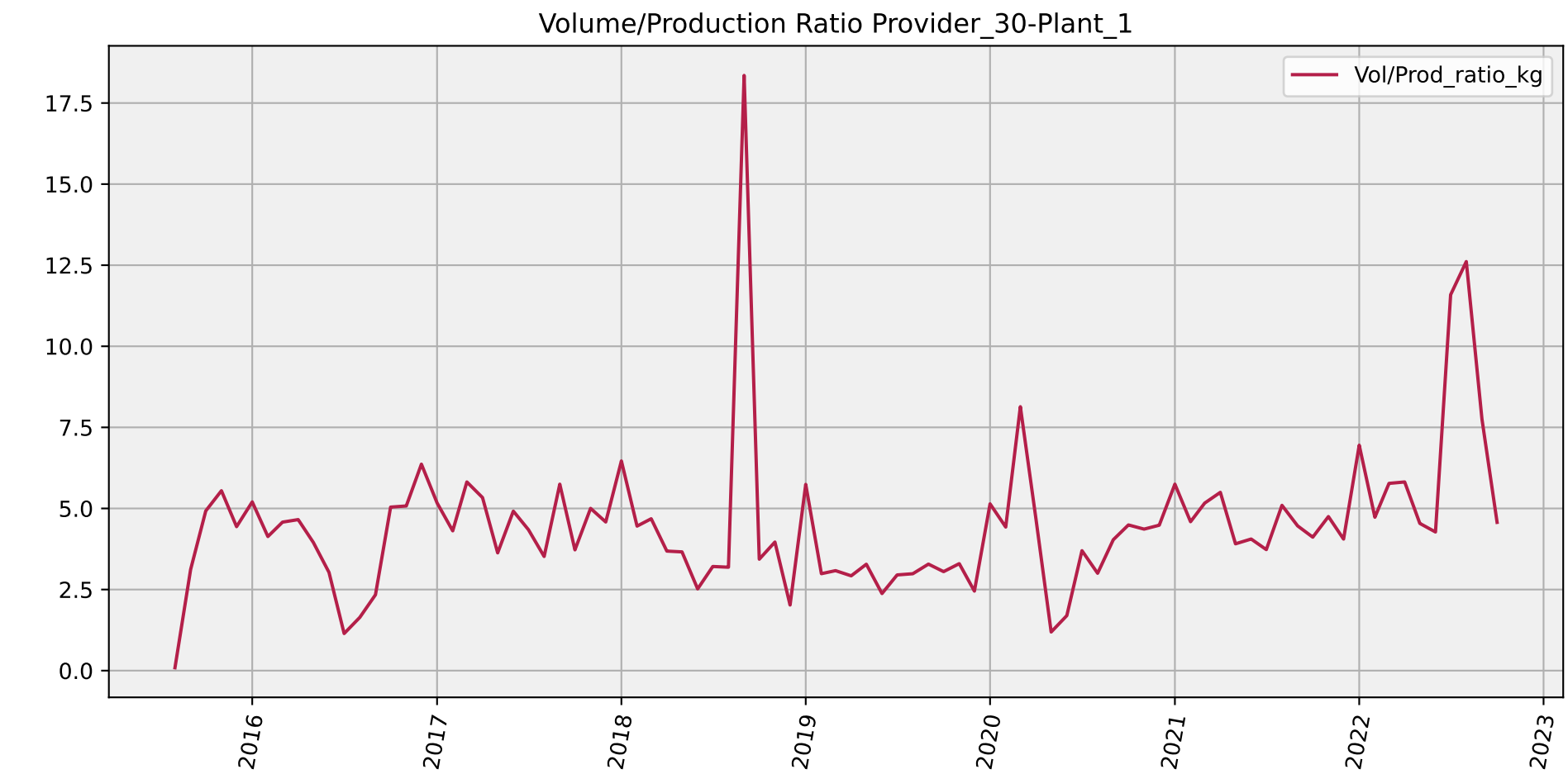


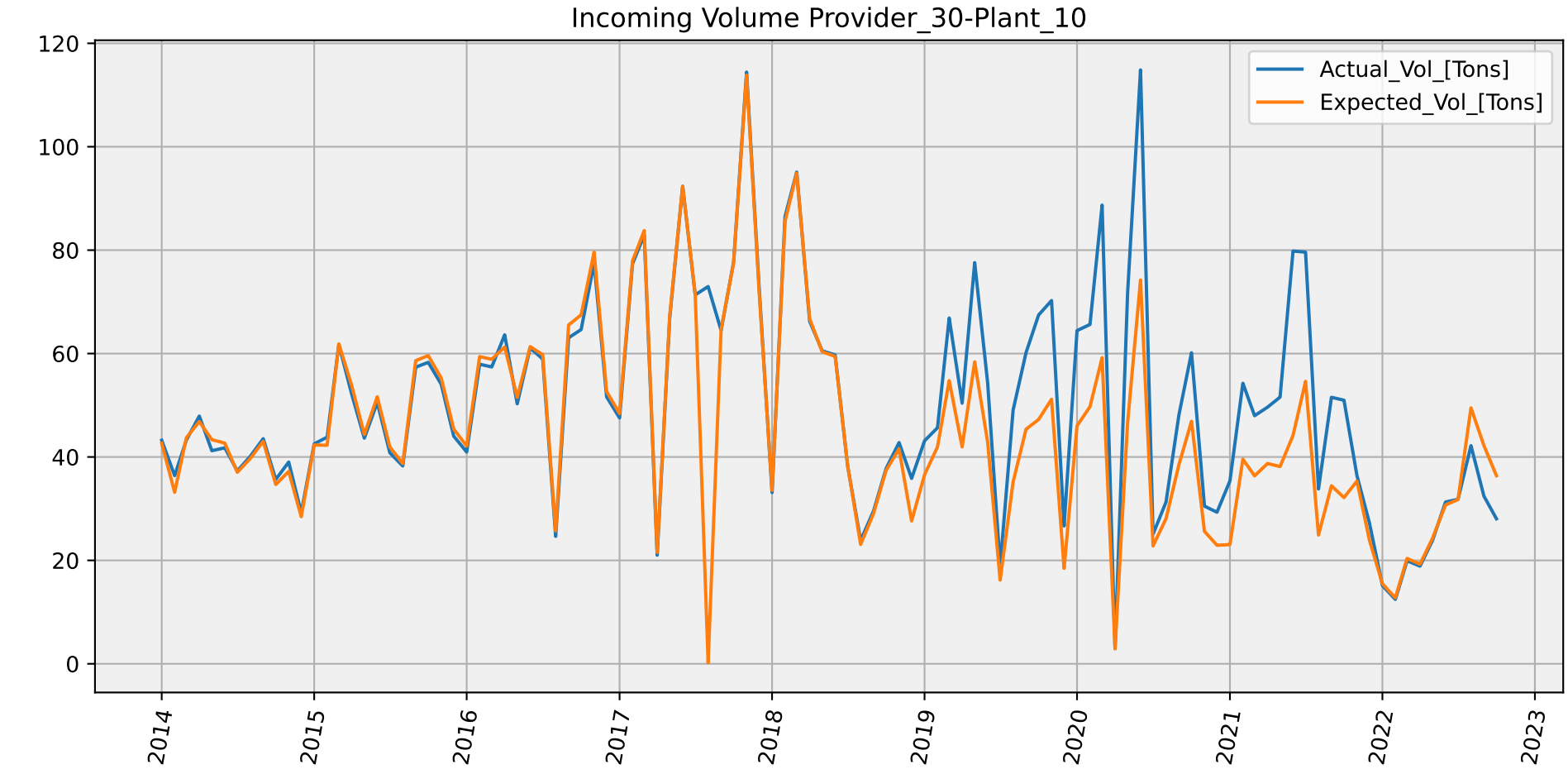
Volume/Production Ratio Provider_3-Plant_6

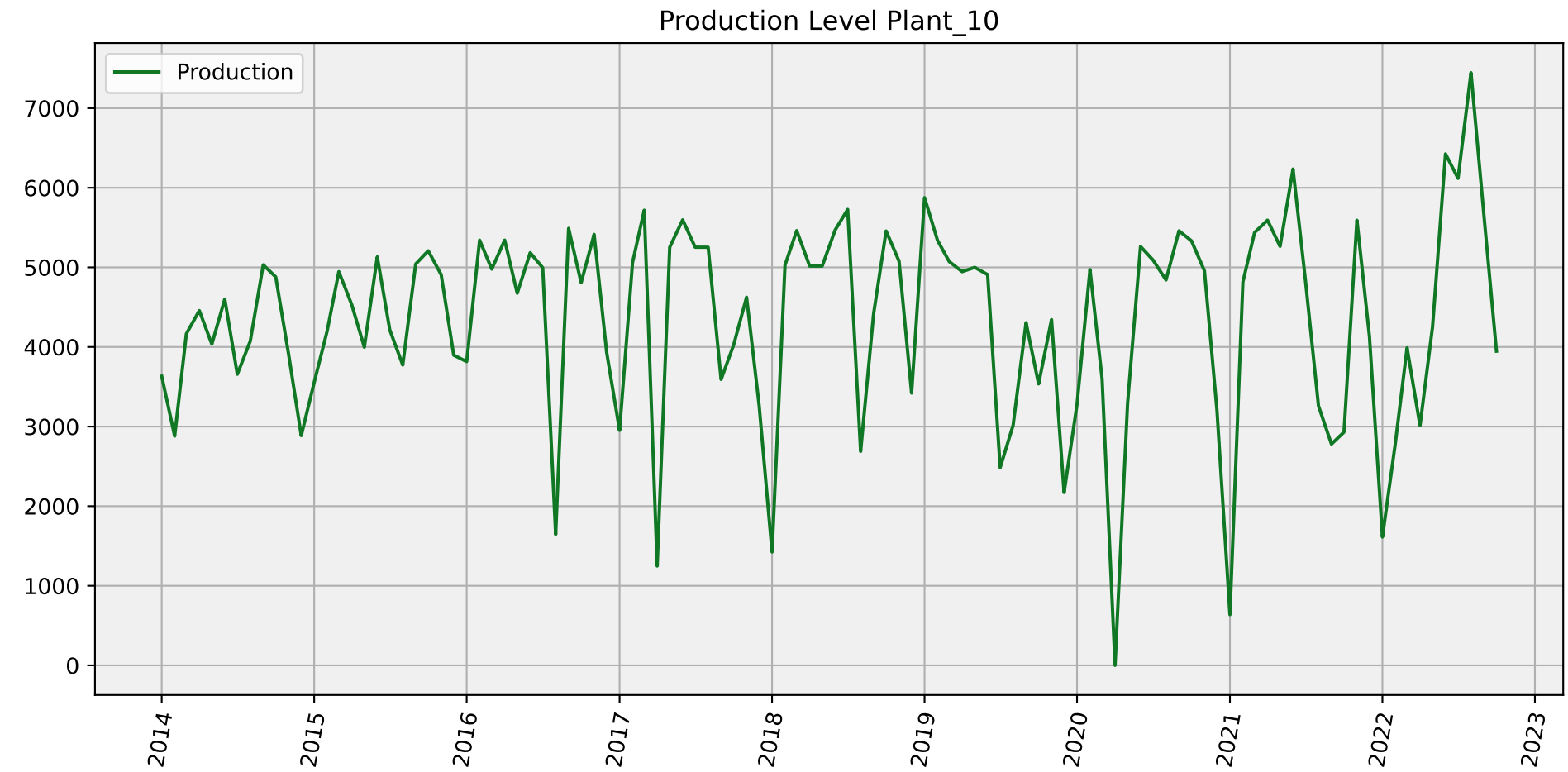


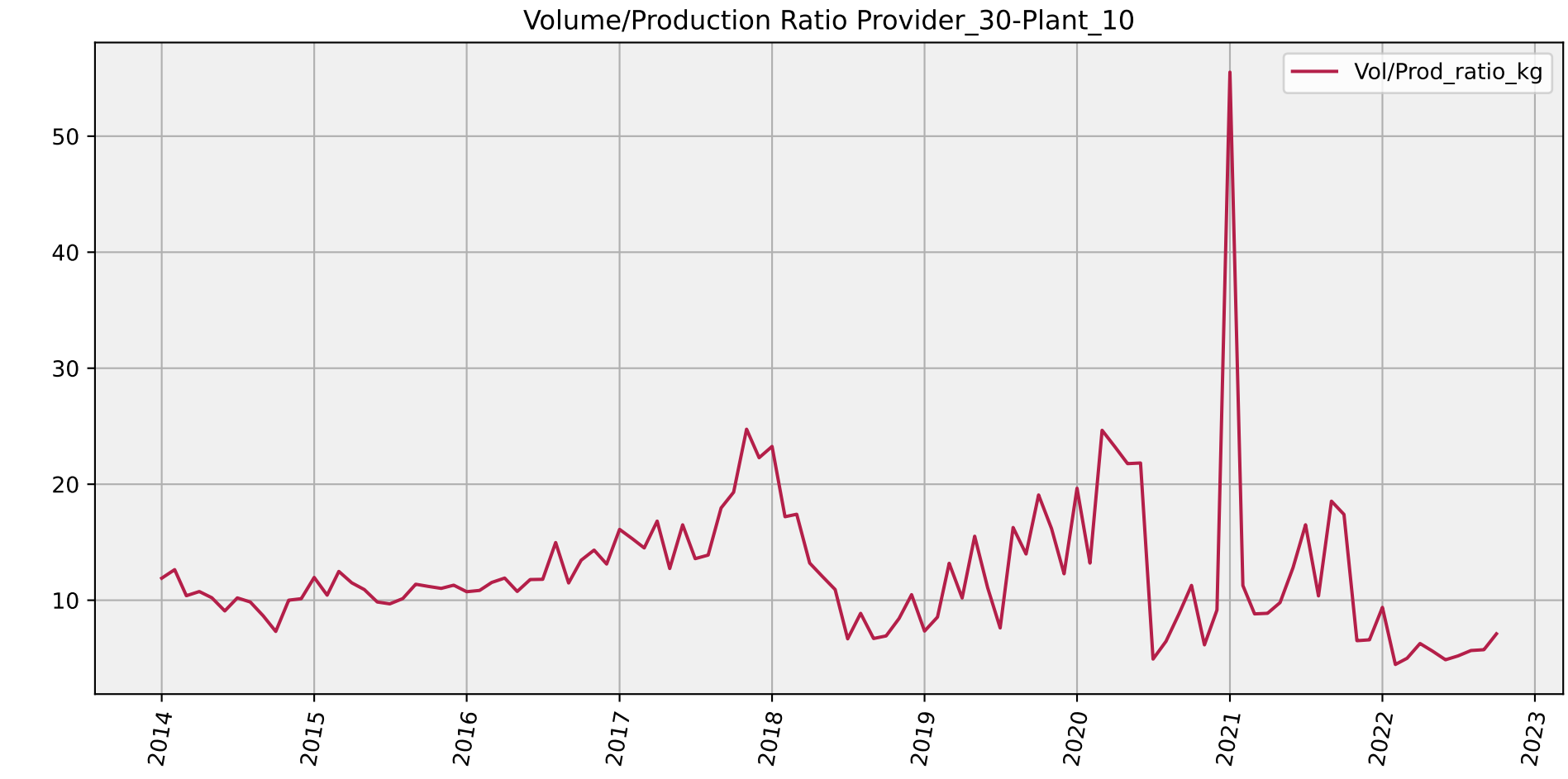

Incoming Volume Provider_30-Plant_1
Actual_Vol_[Tons]
Expected_Vol_[Tons]
1200
1000
800
600
400
200
0
2016
2017
2018
2019
2020
2021
2022
2023

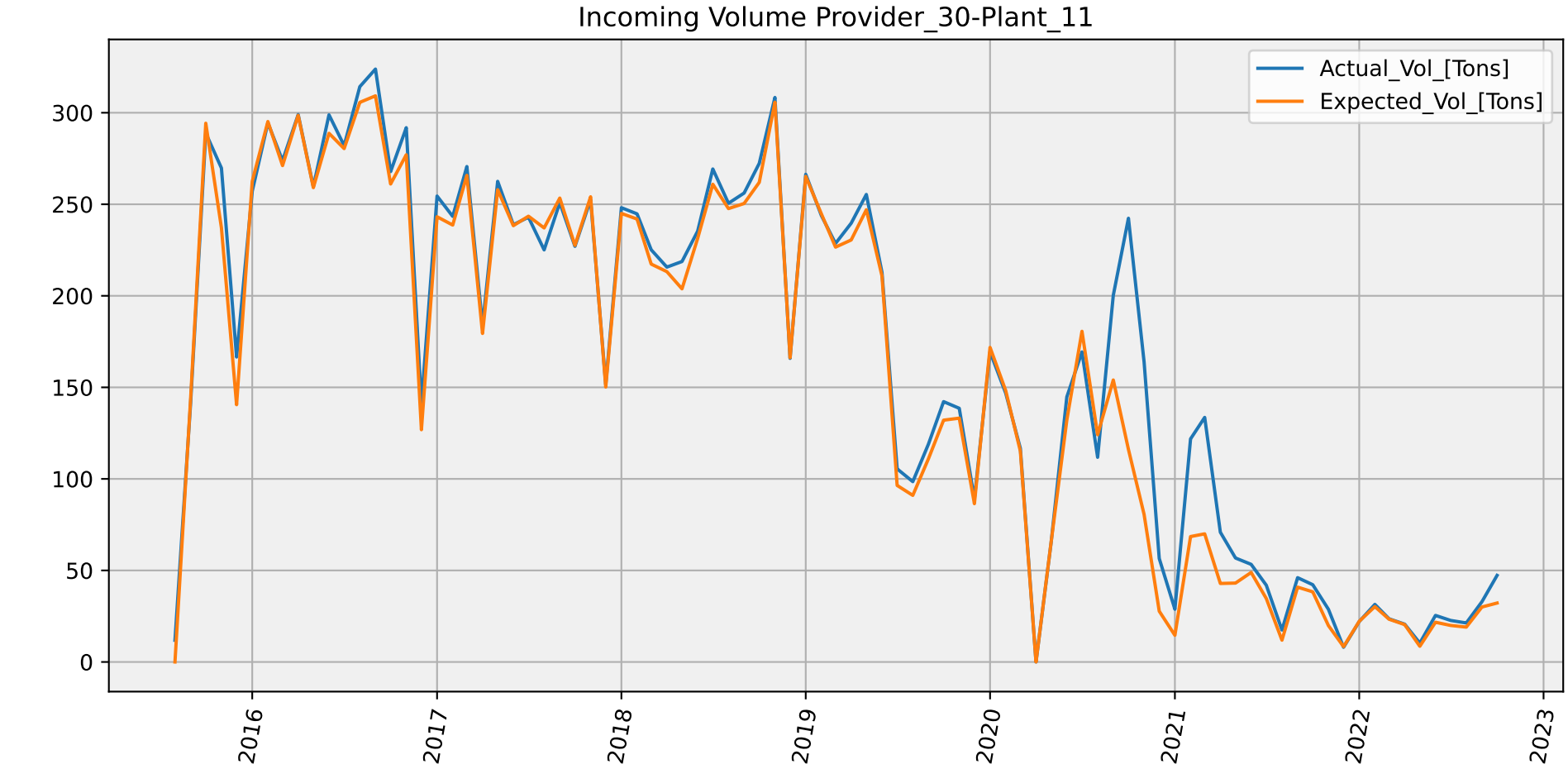

Production Level Plant_1
Production
80000
60000
40000
20000
0
2016
2017
2018
2019
2020
2021
2022
2023

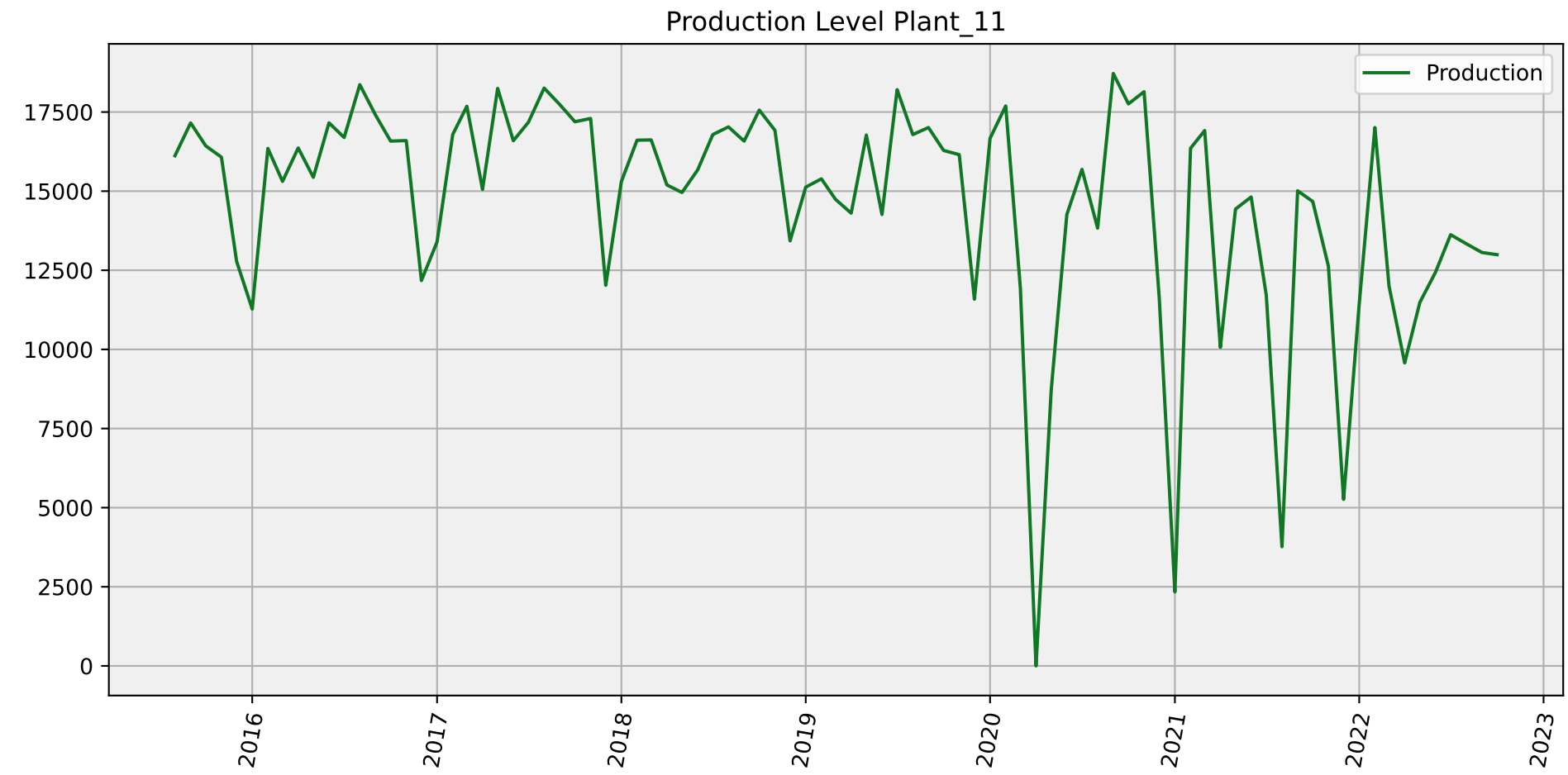

Volume/Production Ratio Provider_30-Plant_1
Vol/Prod_ratio_kg
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
2016
2017
2018
2019
2020
2021
2022
2023

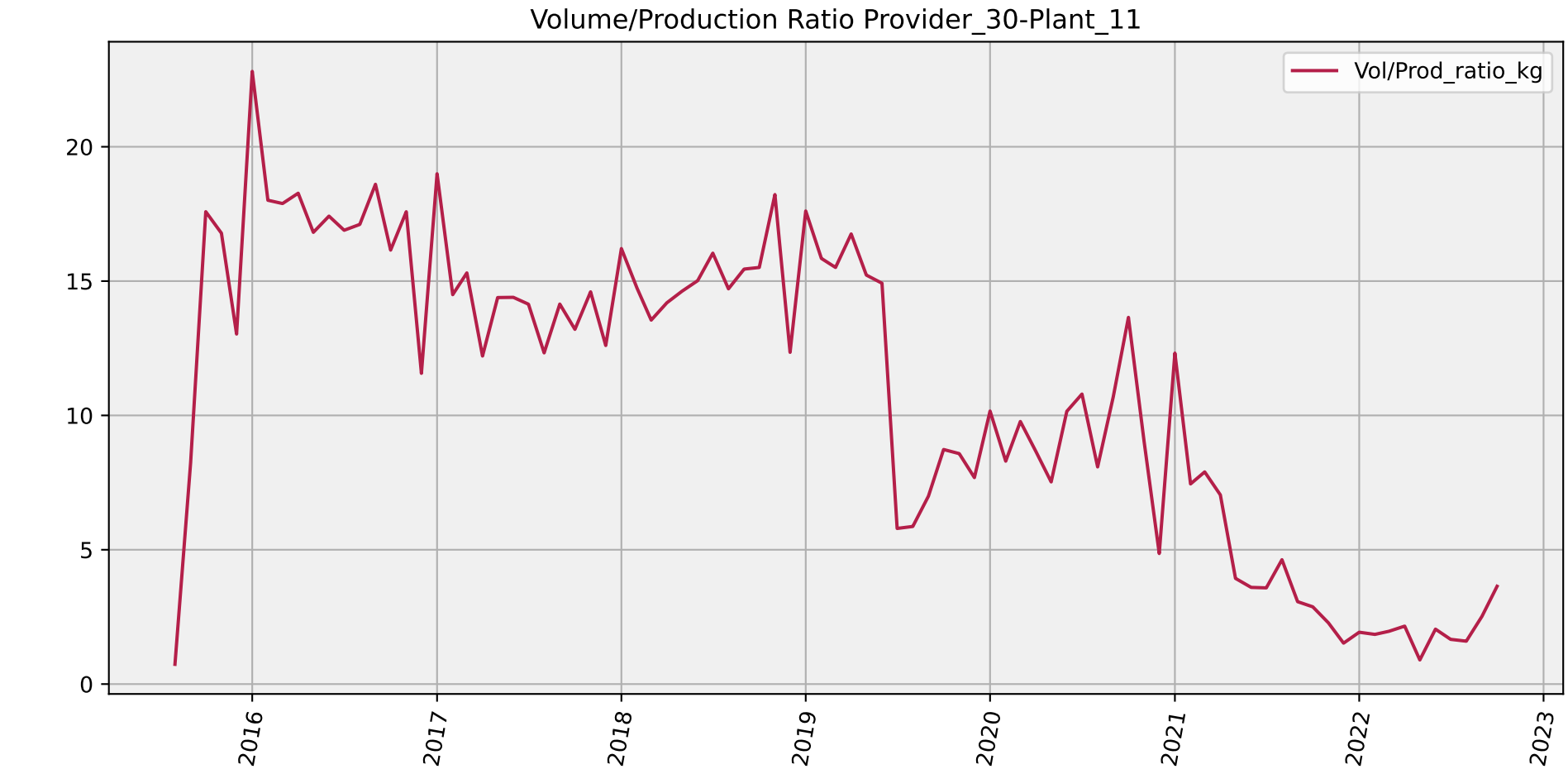

Incoming Volume Provider_30-Plant_10
Actual_Vol_[Tons]
Expected_Vol_[Tons]
120
100
80
60
40
20
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Production Level Plant_10
Production
7000
6000
5000
4000
3000
2000
1000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

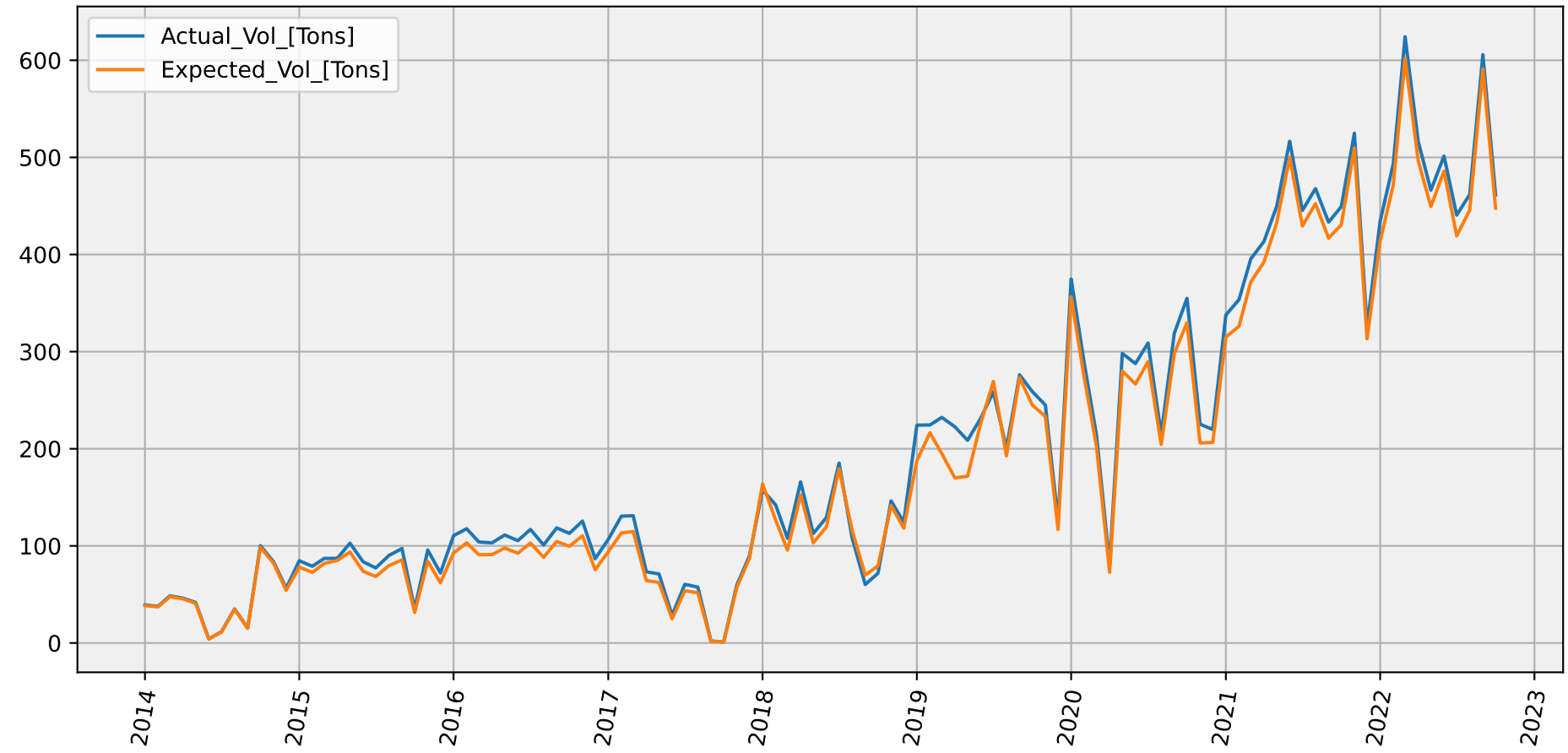

Volume/Production Ratio Provider_30-Plant_10
Vol/Prod_ratio_kg
50
40
30
20
10
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Incoming Volume Provider_30-Plant_11
Actual_Vol_[Tons]
Expected_Vol_[Tons]
300
250
200
150
100
50
0
2016
2017
2018
2019
2020
2021
2022
2023

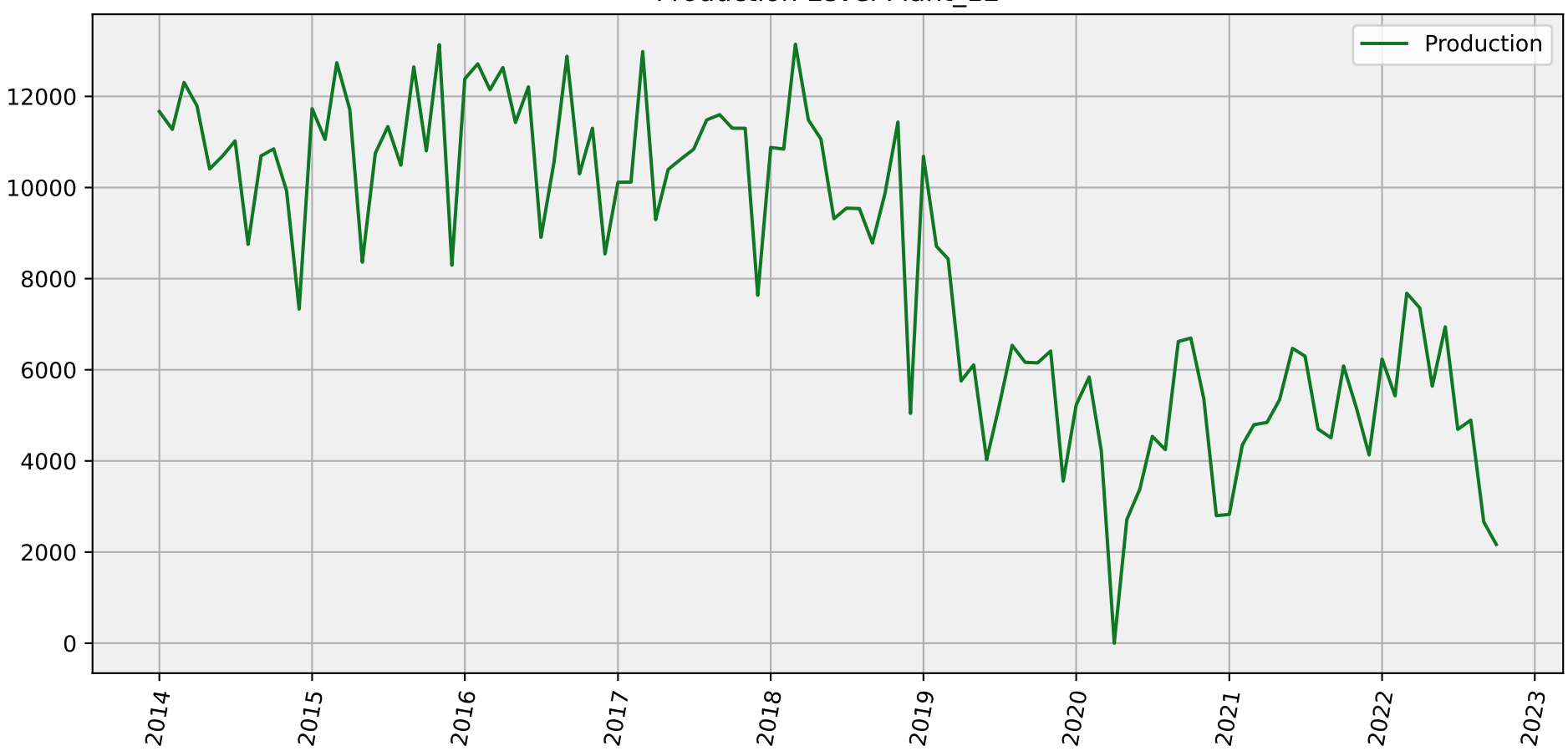

Production Level Plant_11
Production
17500
15000
12500
10000
7500
5000
2500
0
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_30-Plant_11
Vol/Prod_ratio_kg
20
15
10
5
0
2016
2017
2018
2019
2020
2021
2022
2023

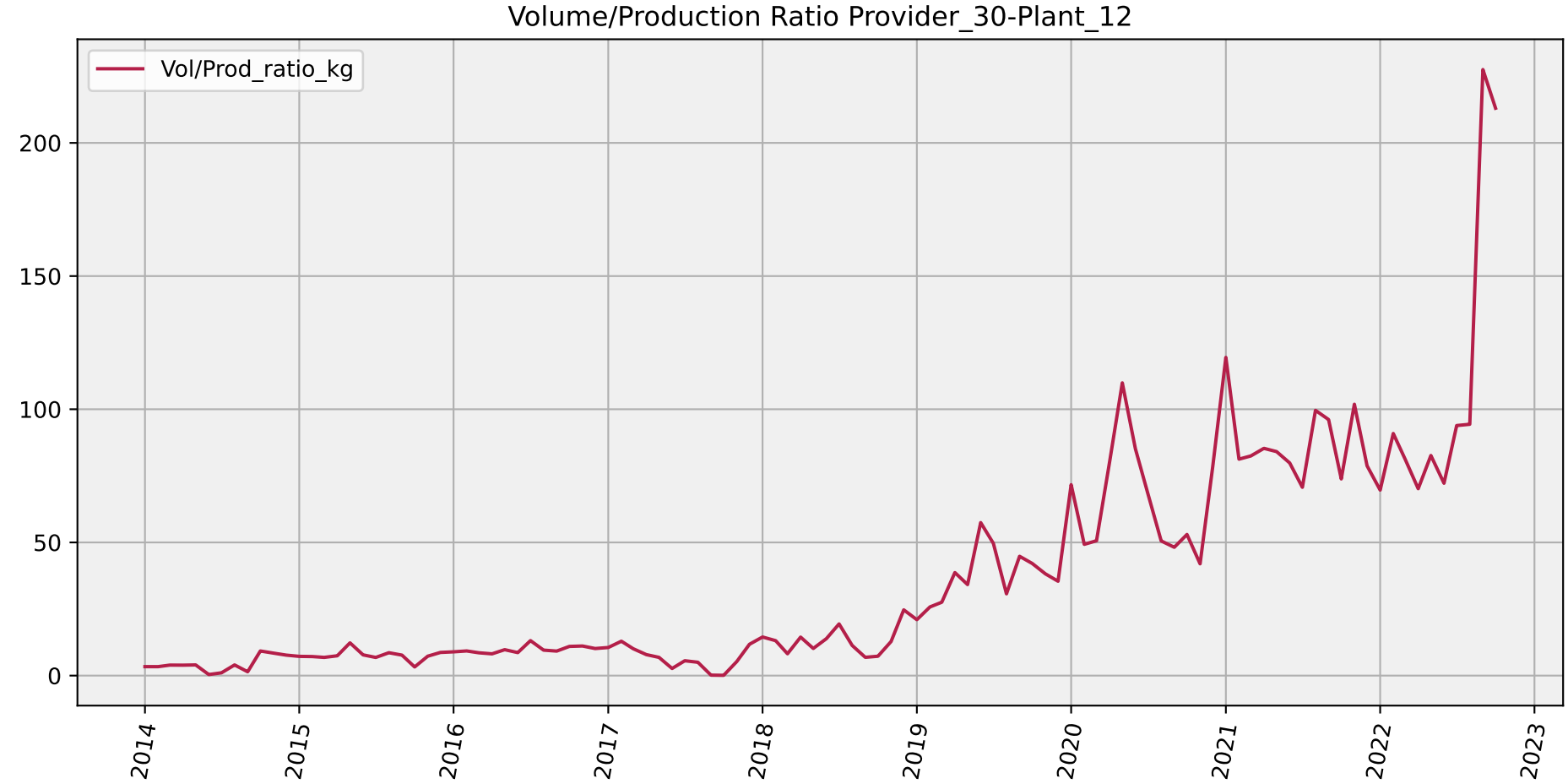
Incoming Volume Provider_30-Plant_12

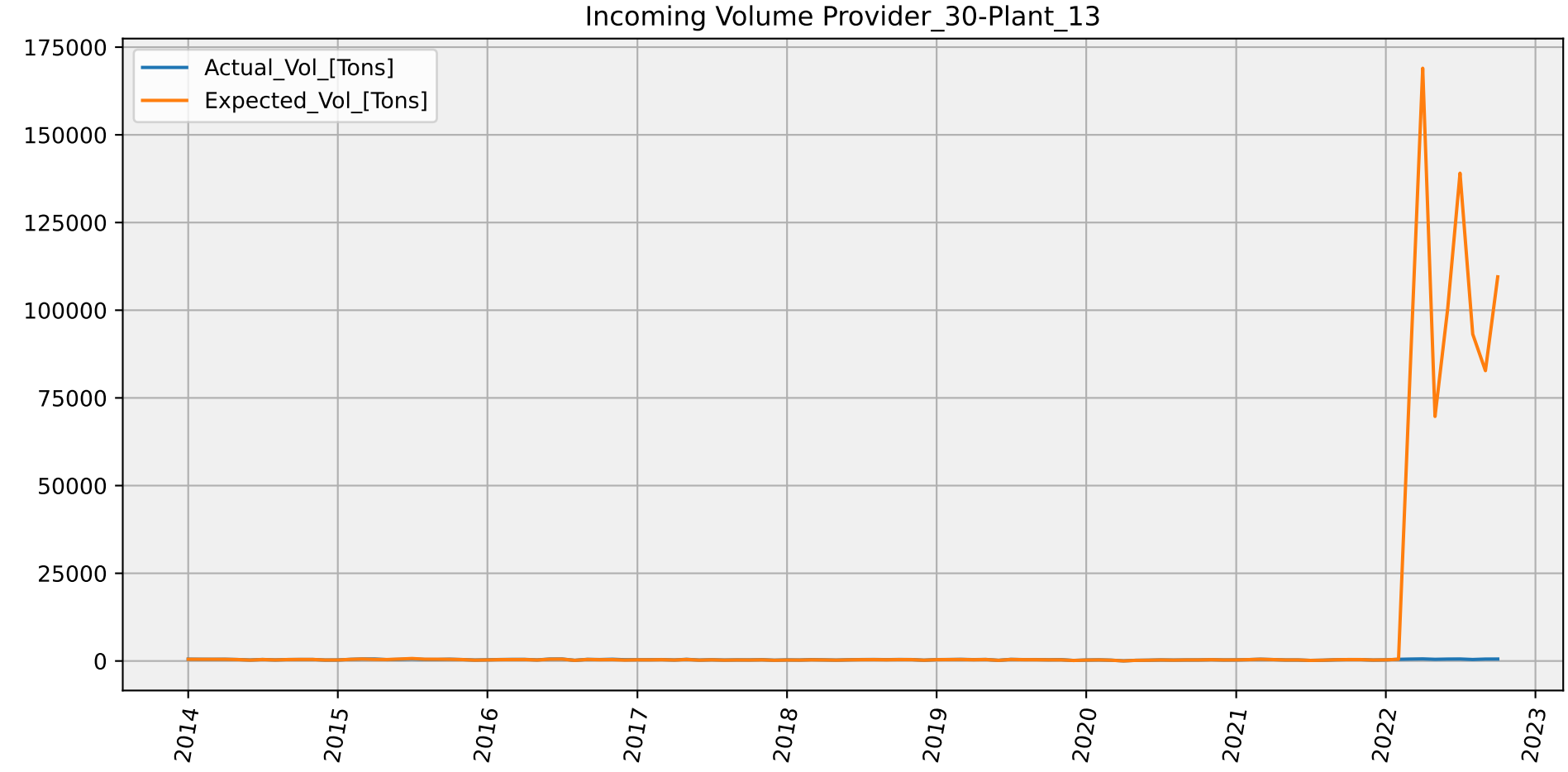


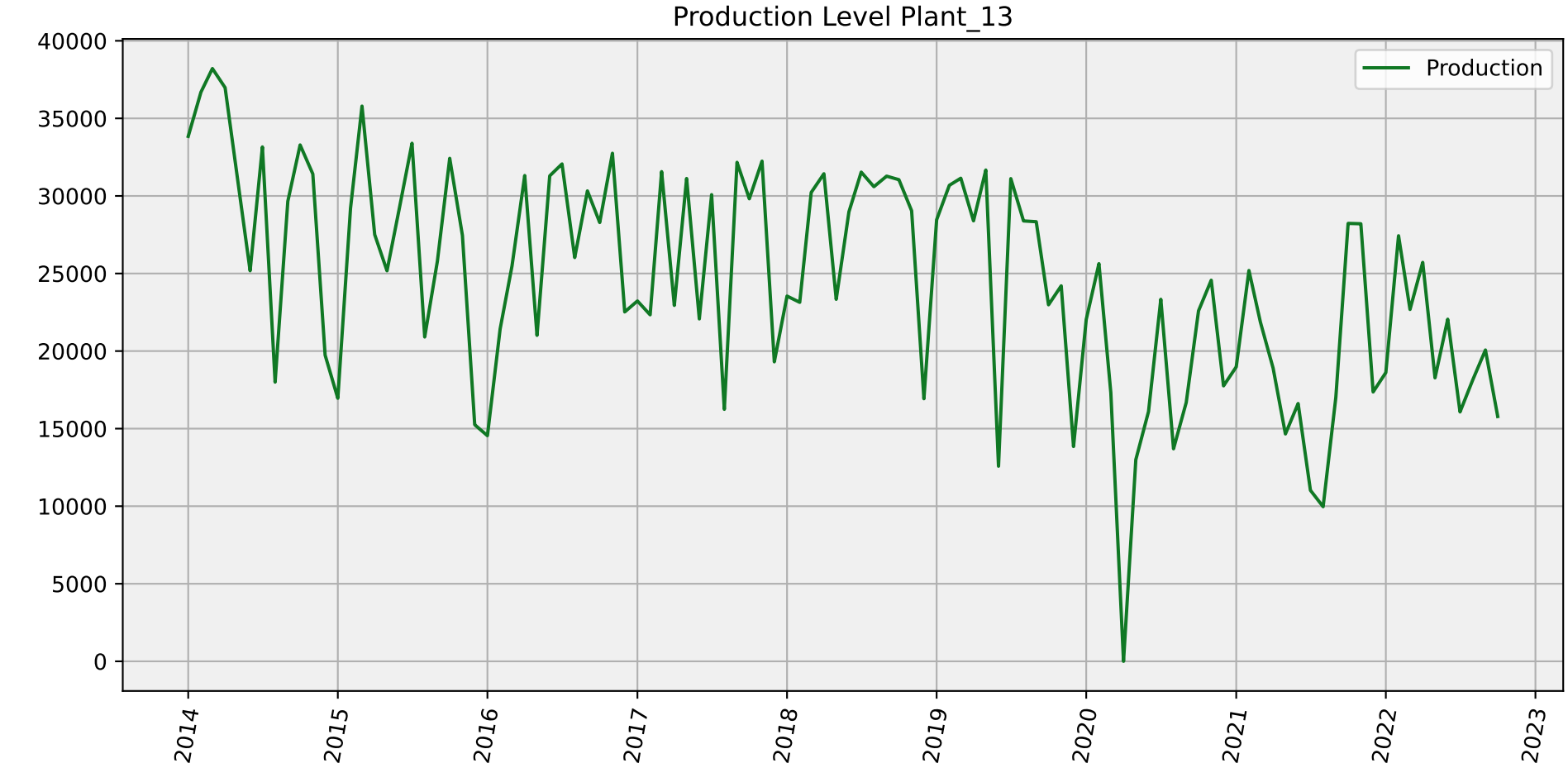
Production Level Plant_12

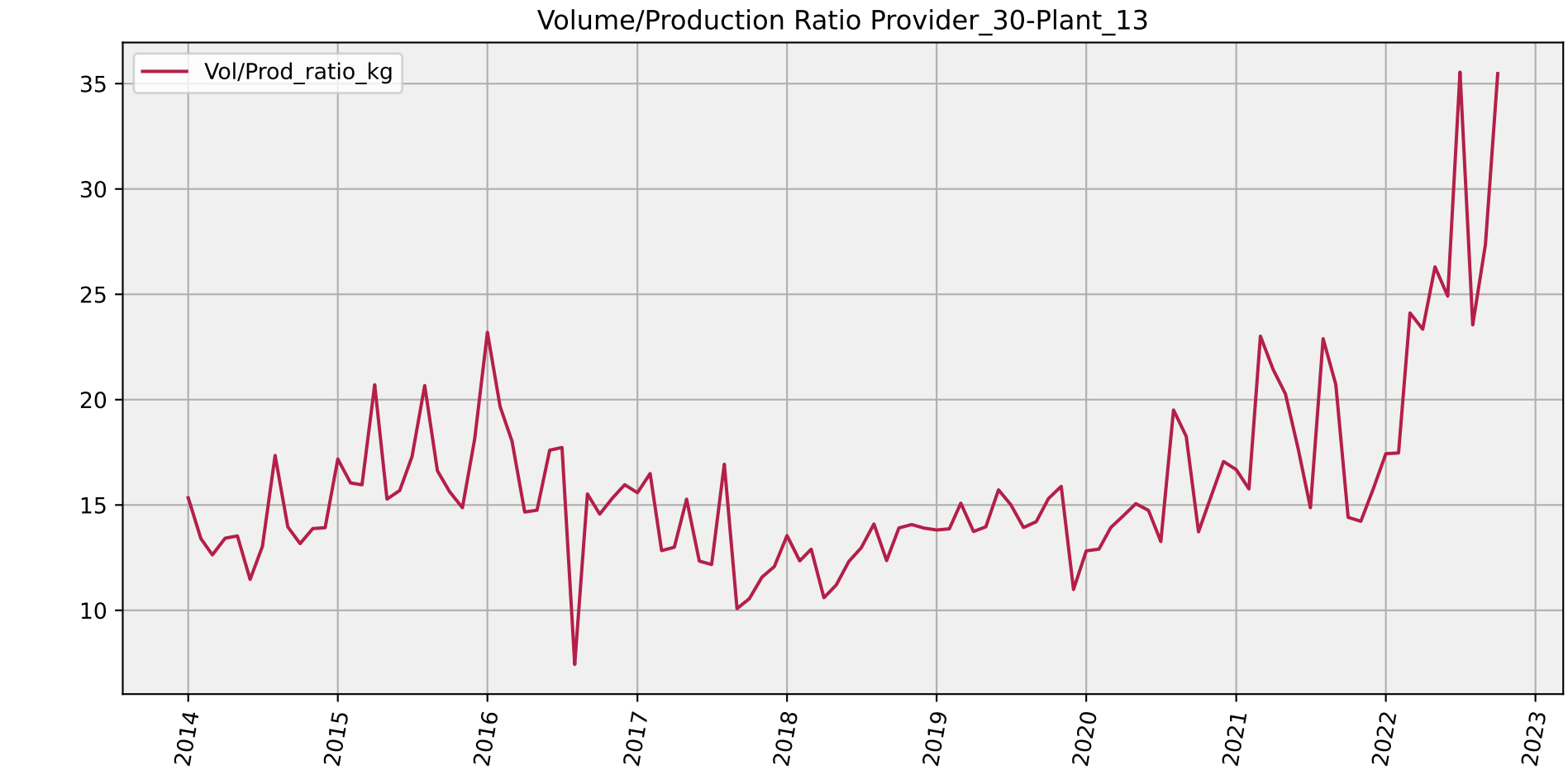


Volume/Production Ratio Provider_30-Plant_12

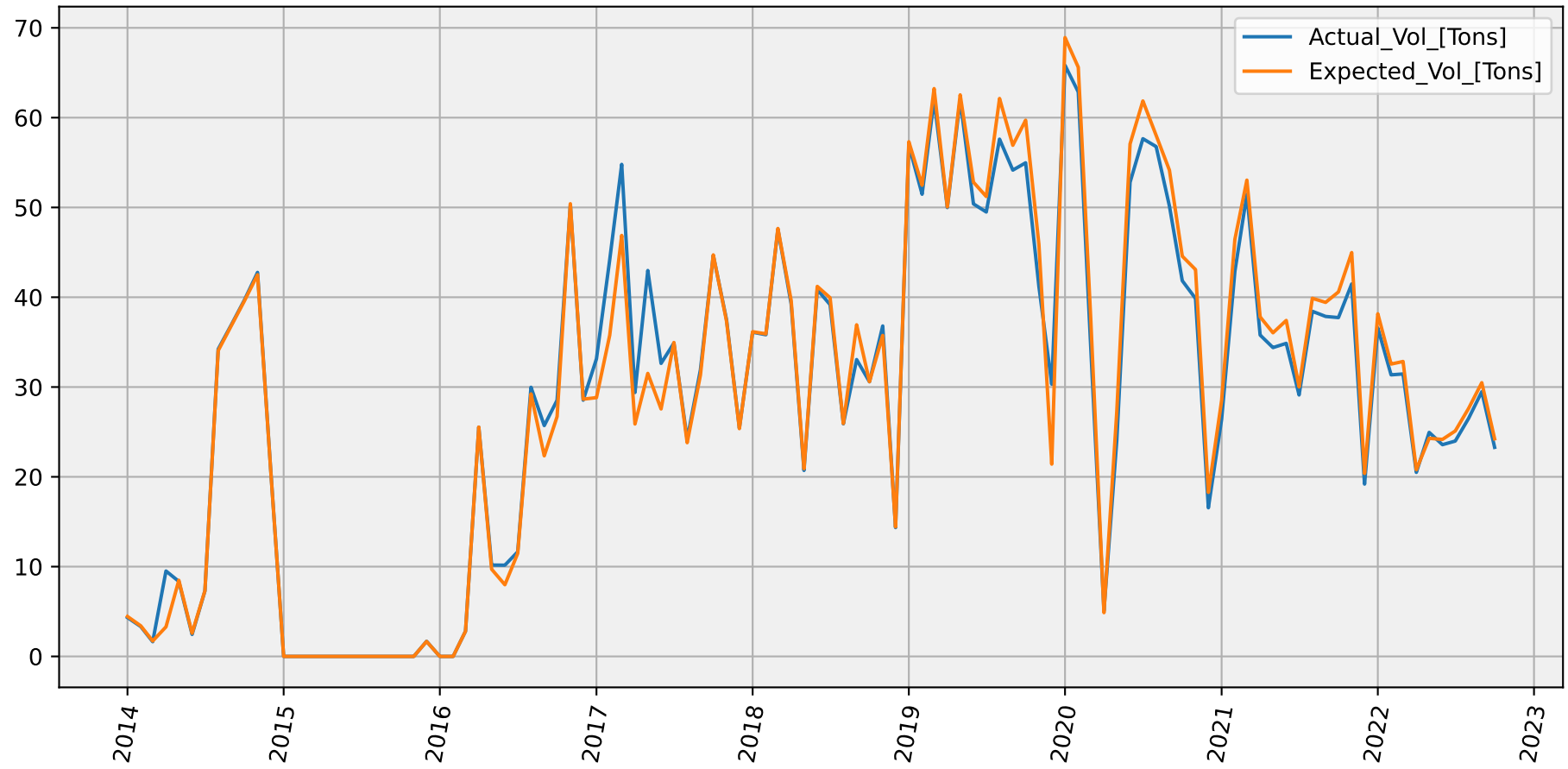



Incoming Volume Provider_30-Plant_13
Actual_Vol_[Tons]
Expected_Vol_[Tons]
175000
150000
125000
100000
75000
50000
25000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

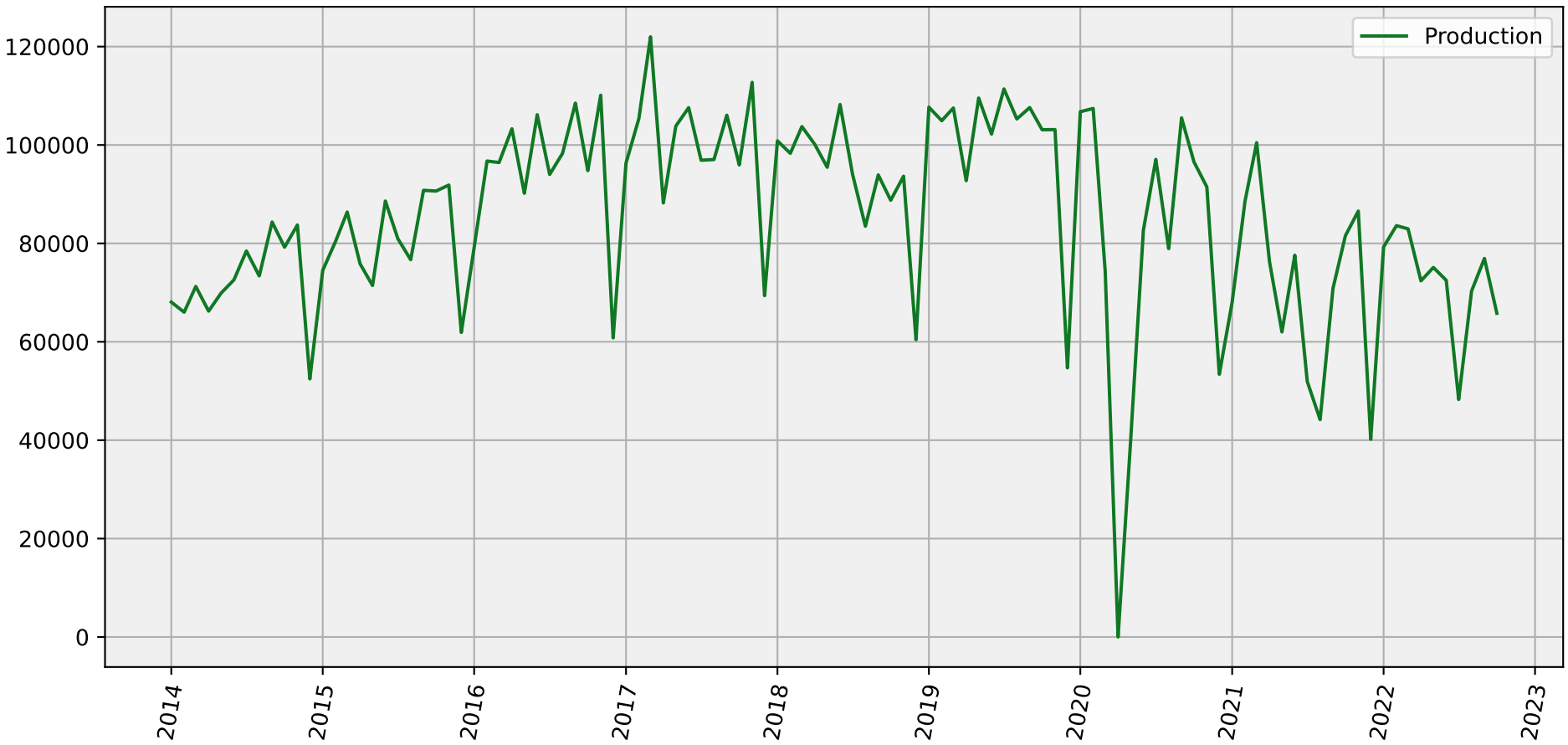

Production Level Plant_13
Production
40000
35000
30000
25000
20000
15000
10000
5000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_30-Plant_13
Vol/Prod_ratio_kg
35
30
25
20
15
10
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

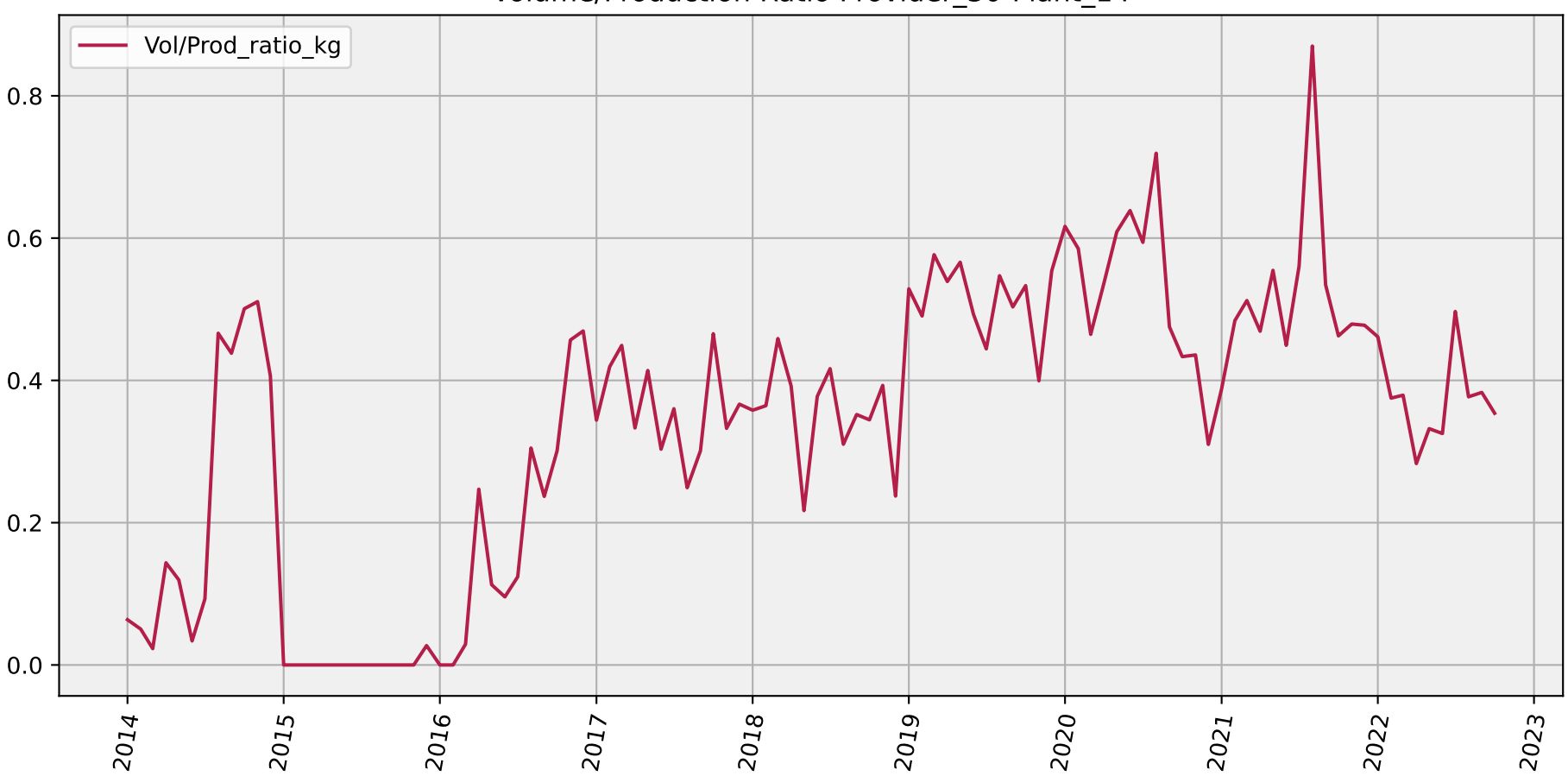
Incoming Volume Provider_30-Plant_14



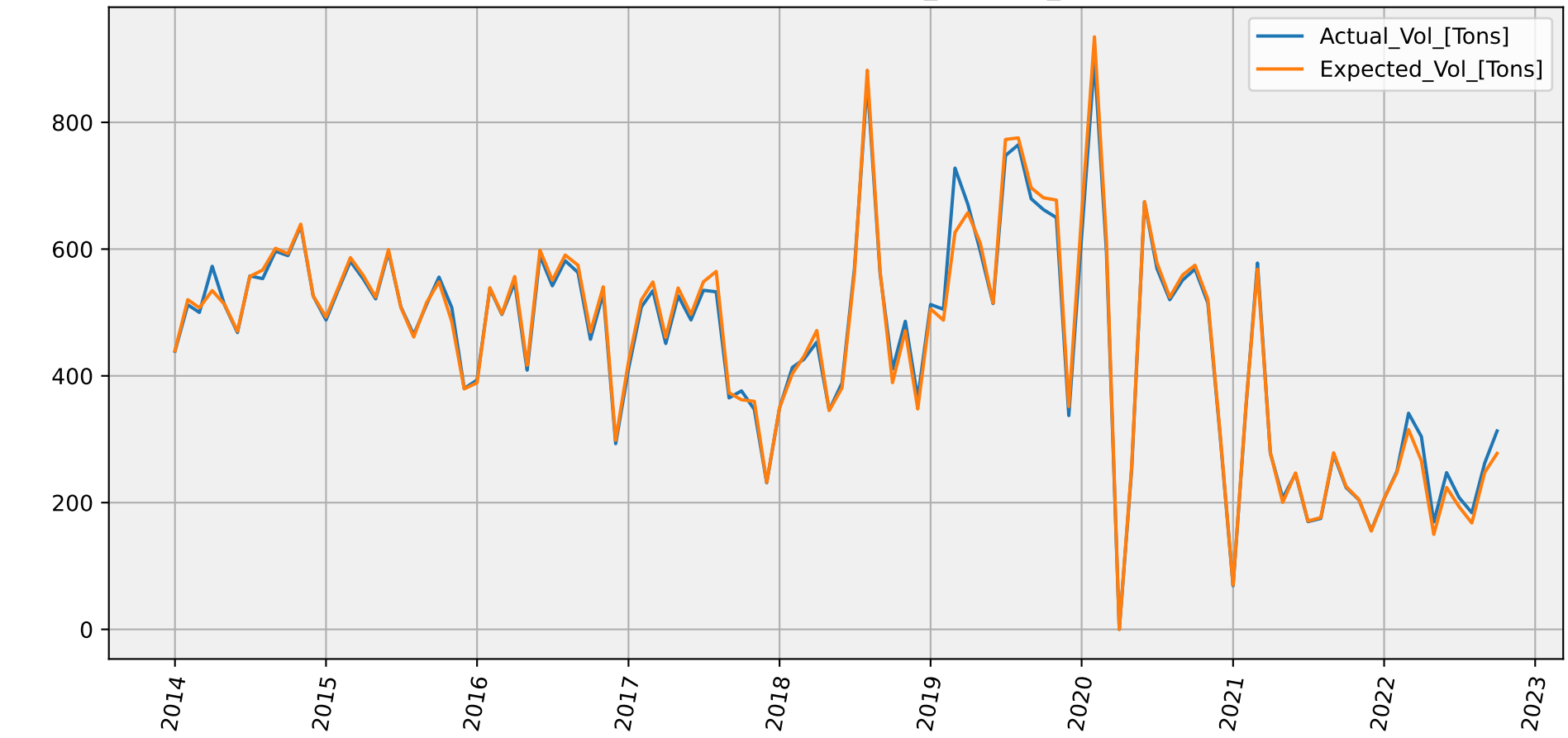
Production Level Plant_14



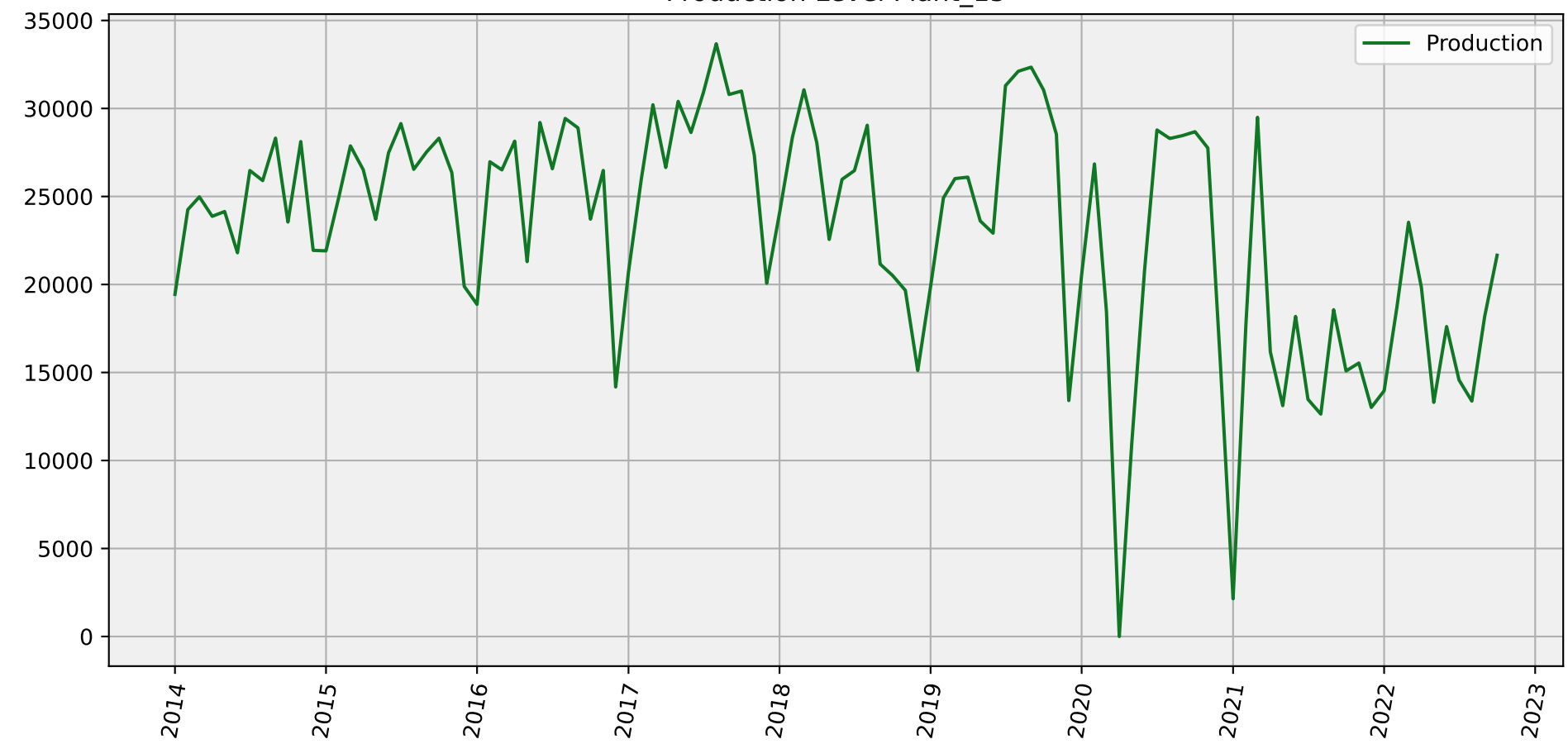
Volume/Production Ratio Provider_30-Plant_14



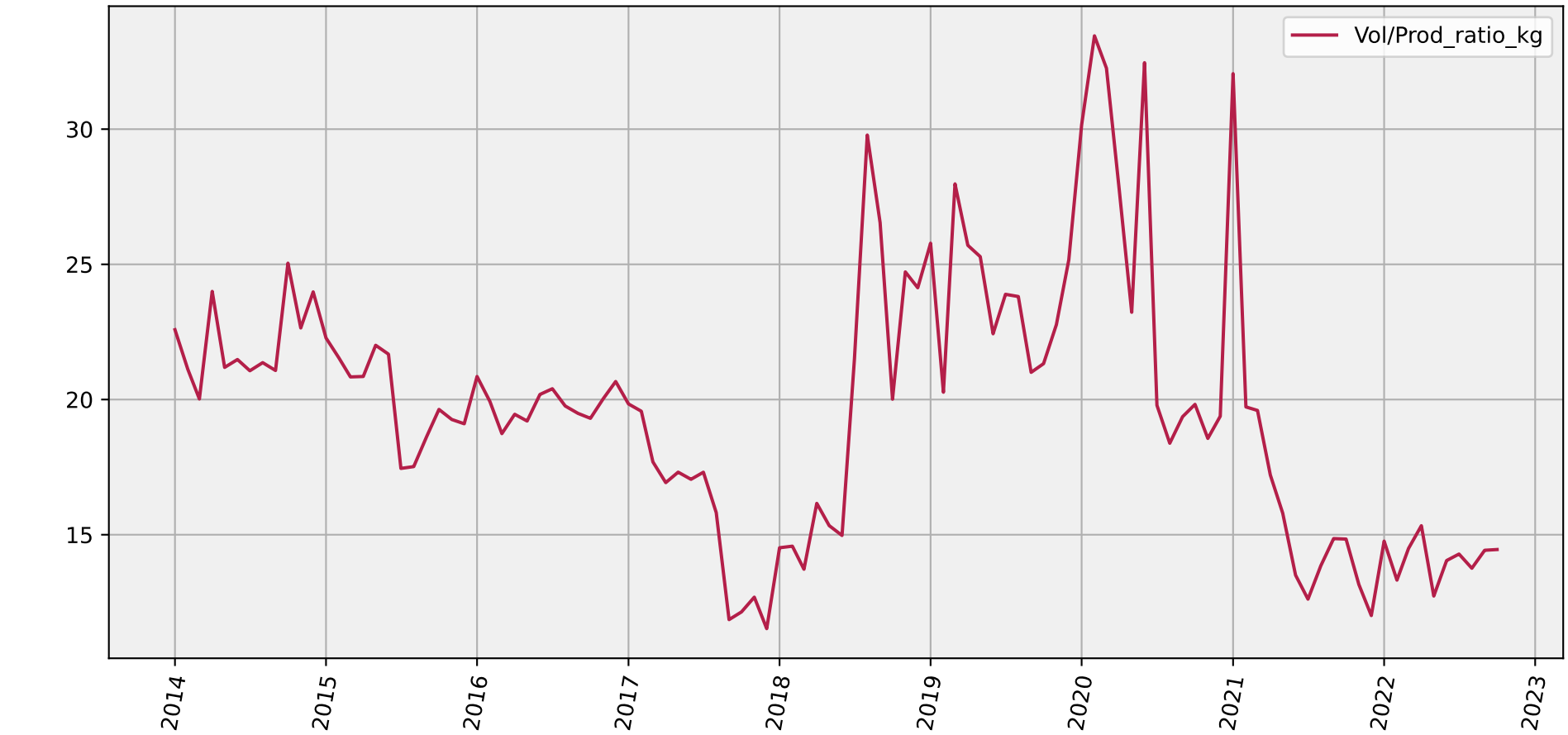
Incoming Volume Provider_30-Plant_15

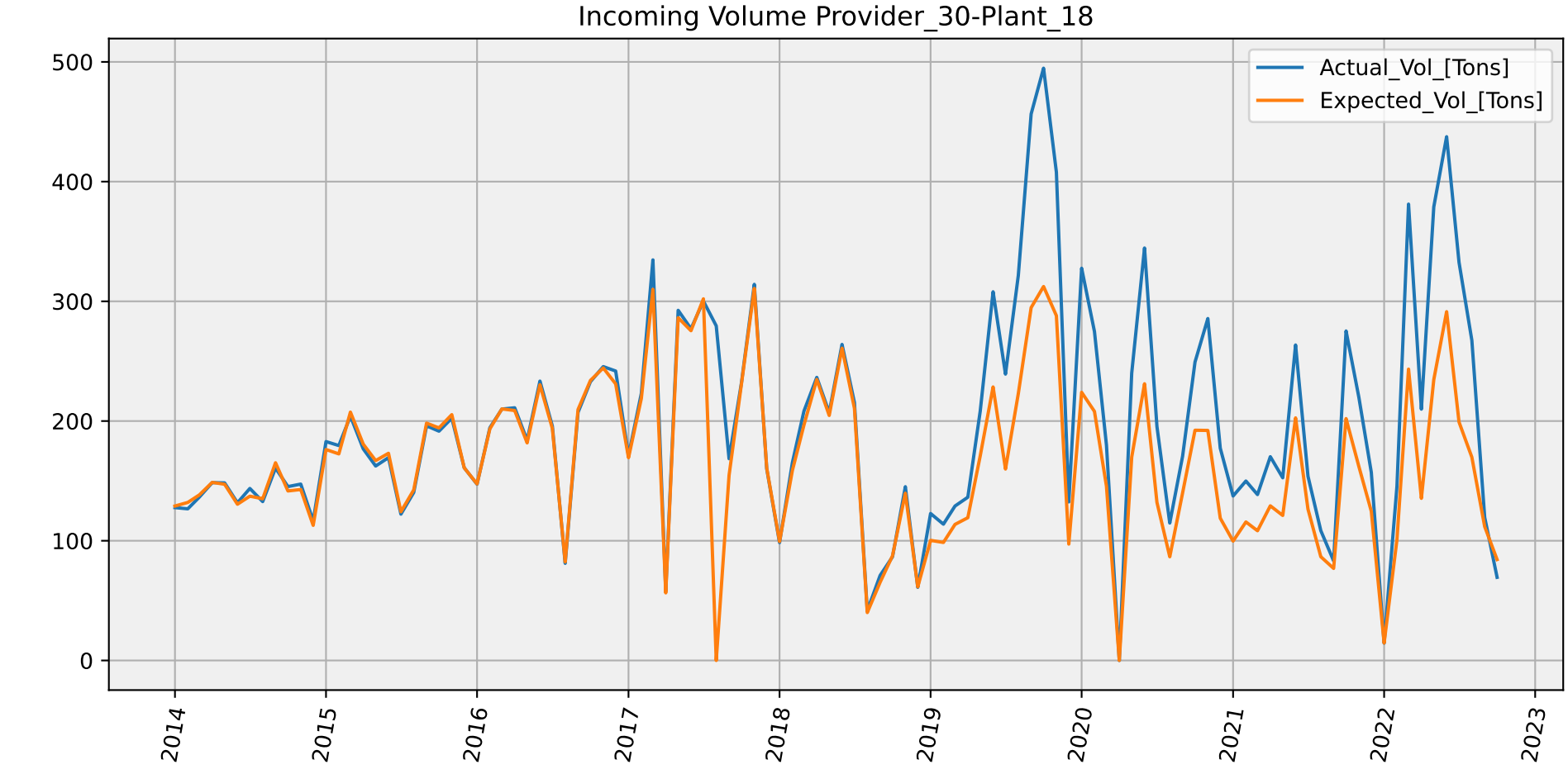


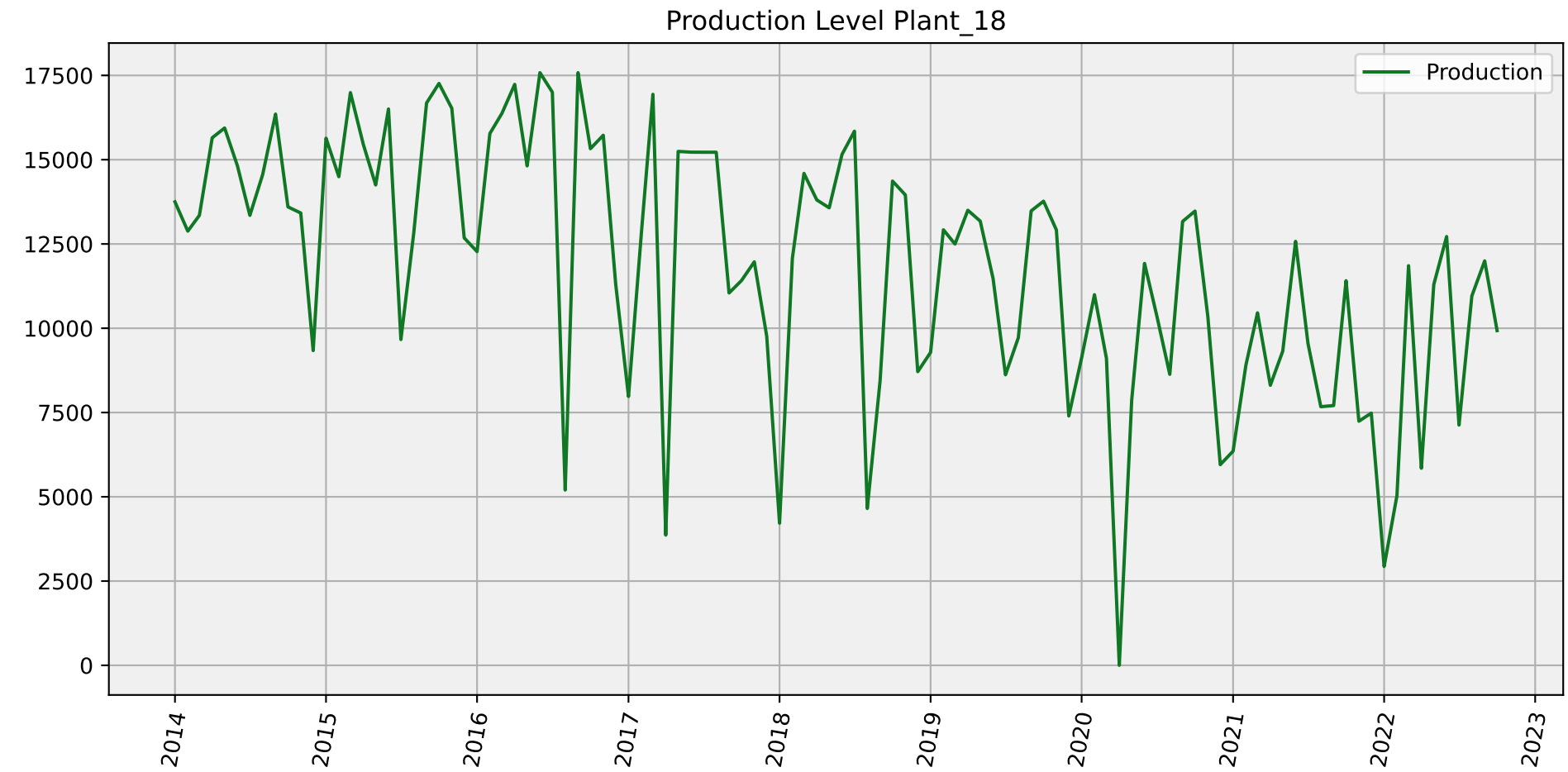
Production Level Plant_15

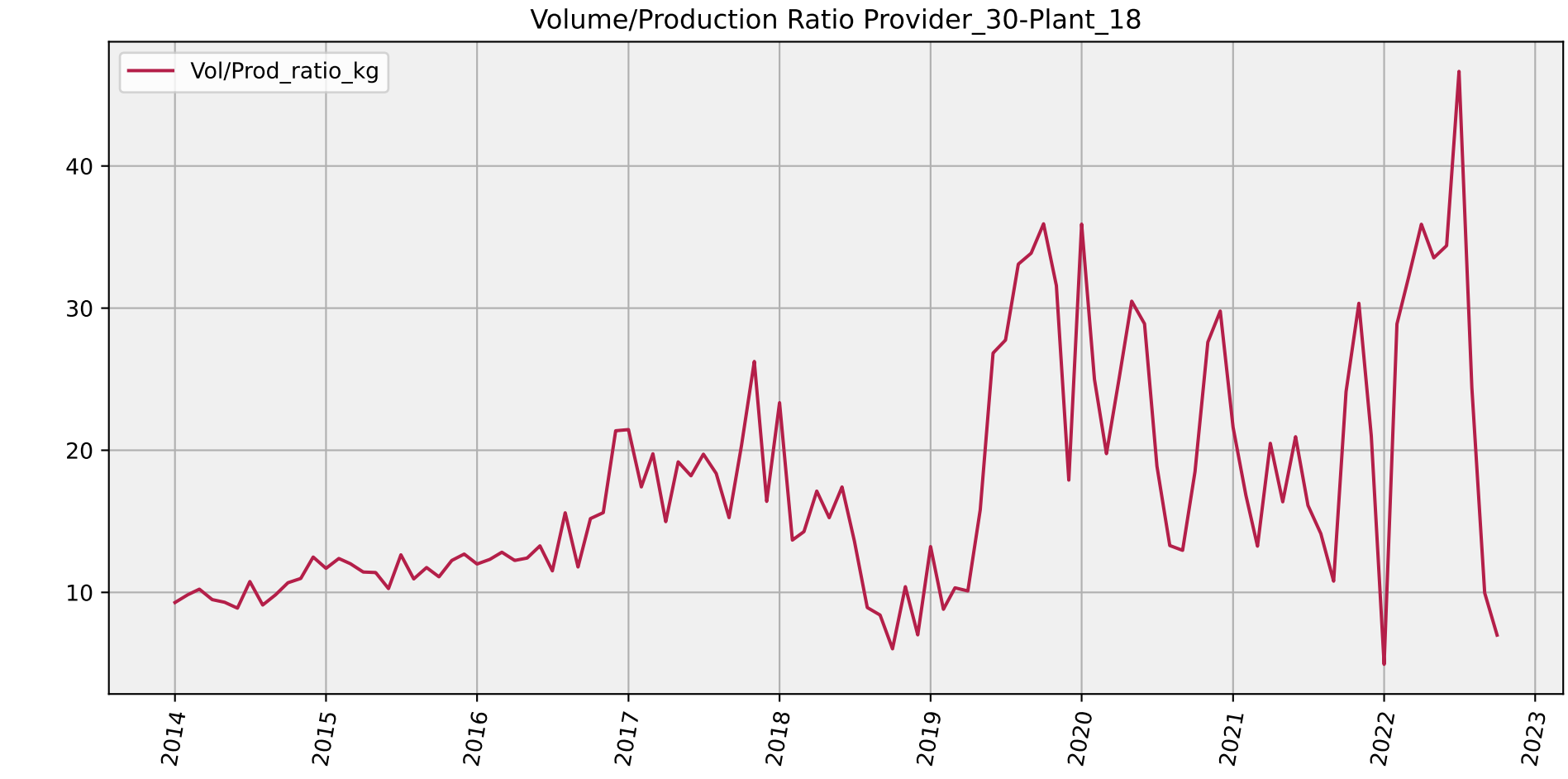


Volume/Production Ratio Provider_30-Plant_15

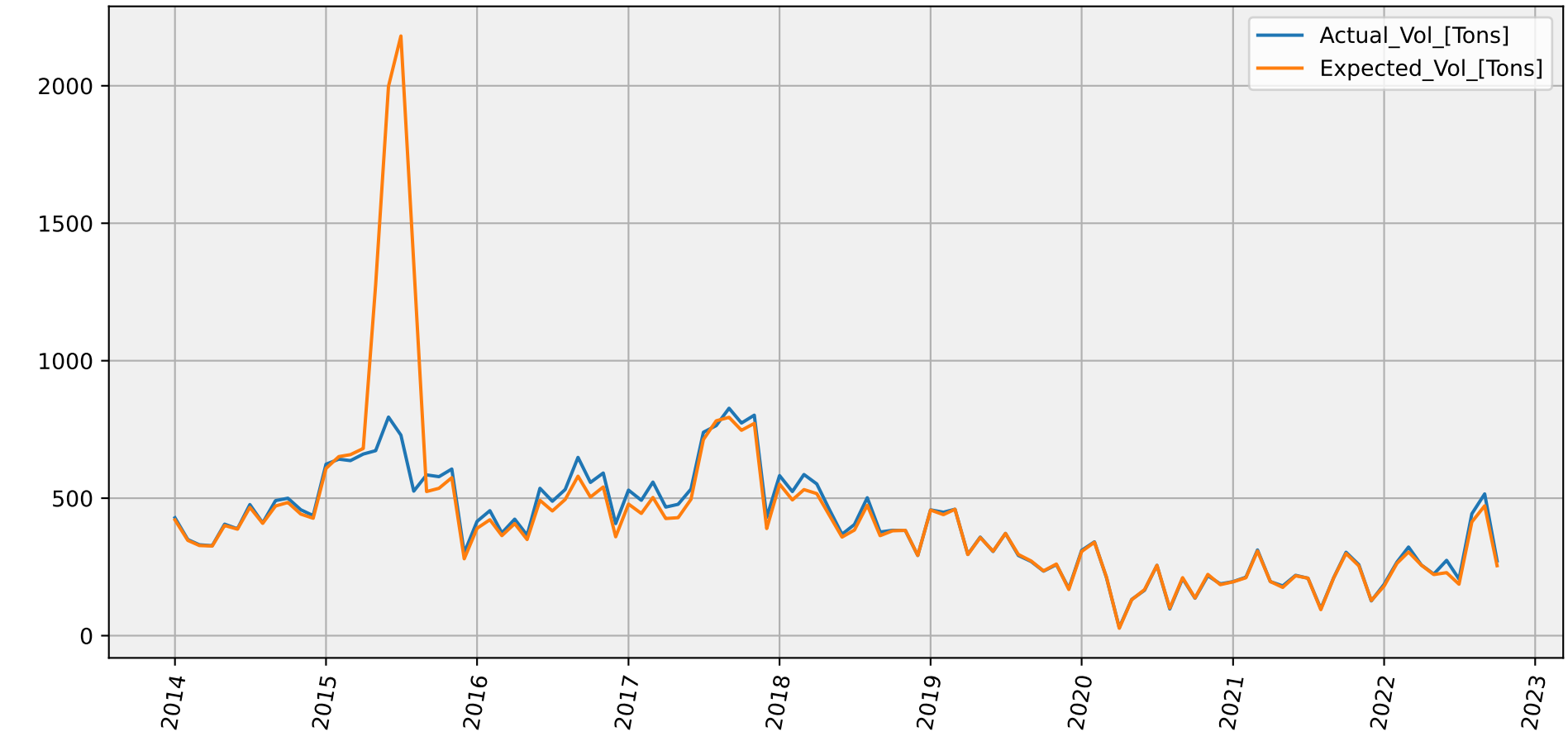



Incoming Volume Provider_30-Plant_18
Actual_Vol_[Tons]
Expected_Vol_[Tons]
500
400
300
200
100
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

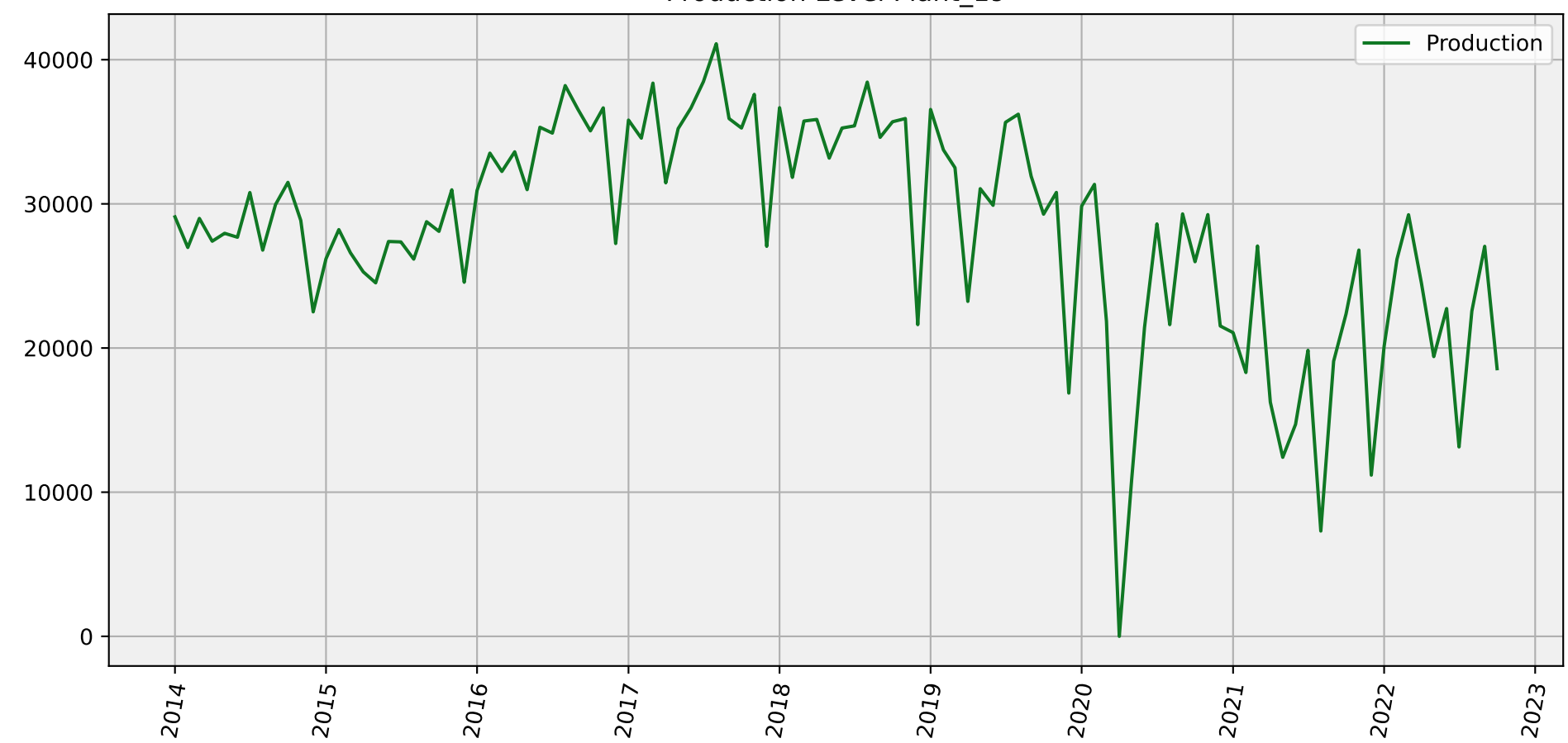

Production Level Plant_18
Production
17500
15000
12500
10000
7500
5000
2500
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_30-Plant_18
Vol/Prod_ratio_kg
40
30
20
10
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

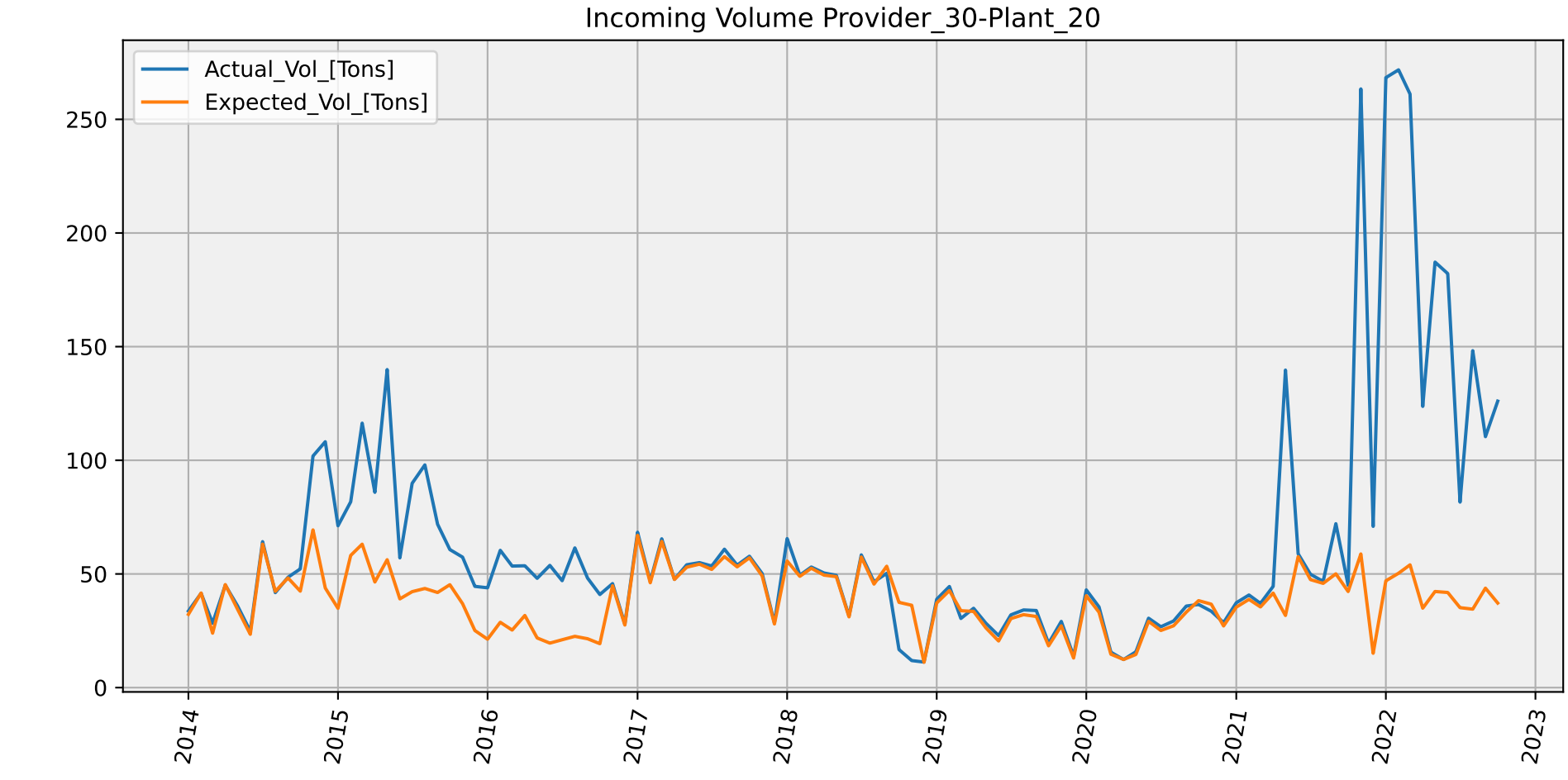
Incoming Volume Provider_30-Plant_19

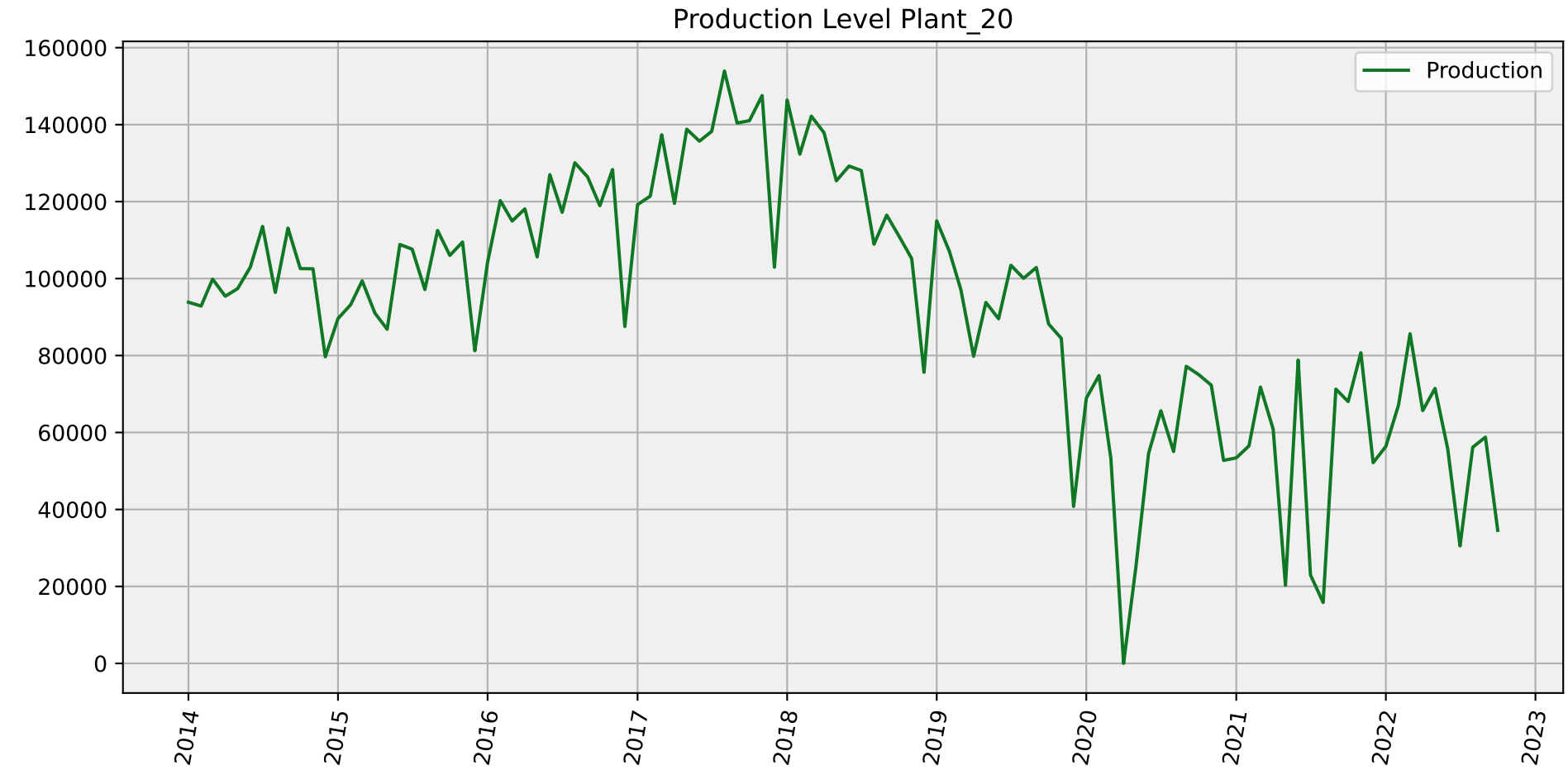


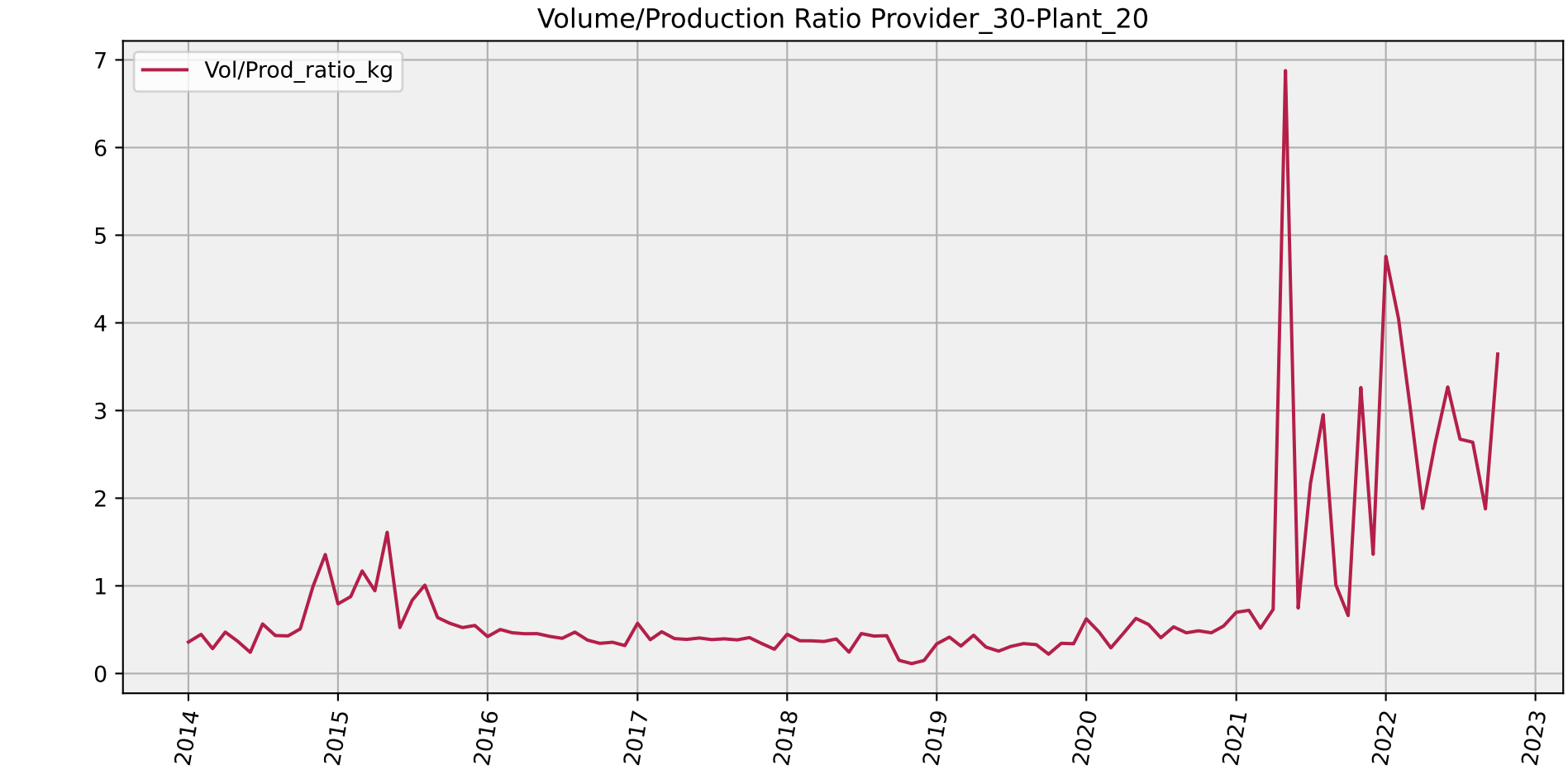
Production Level Plant_19

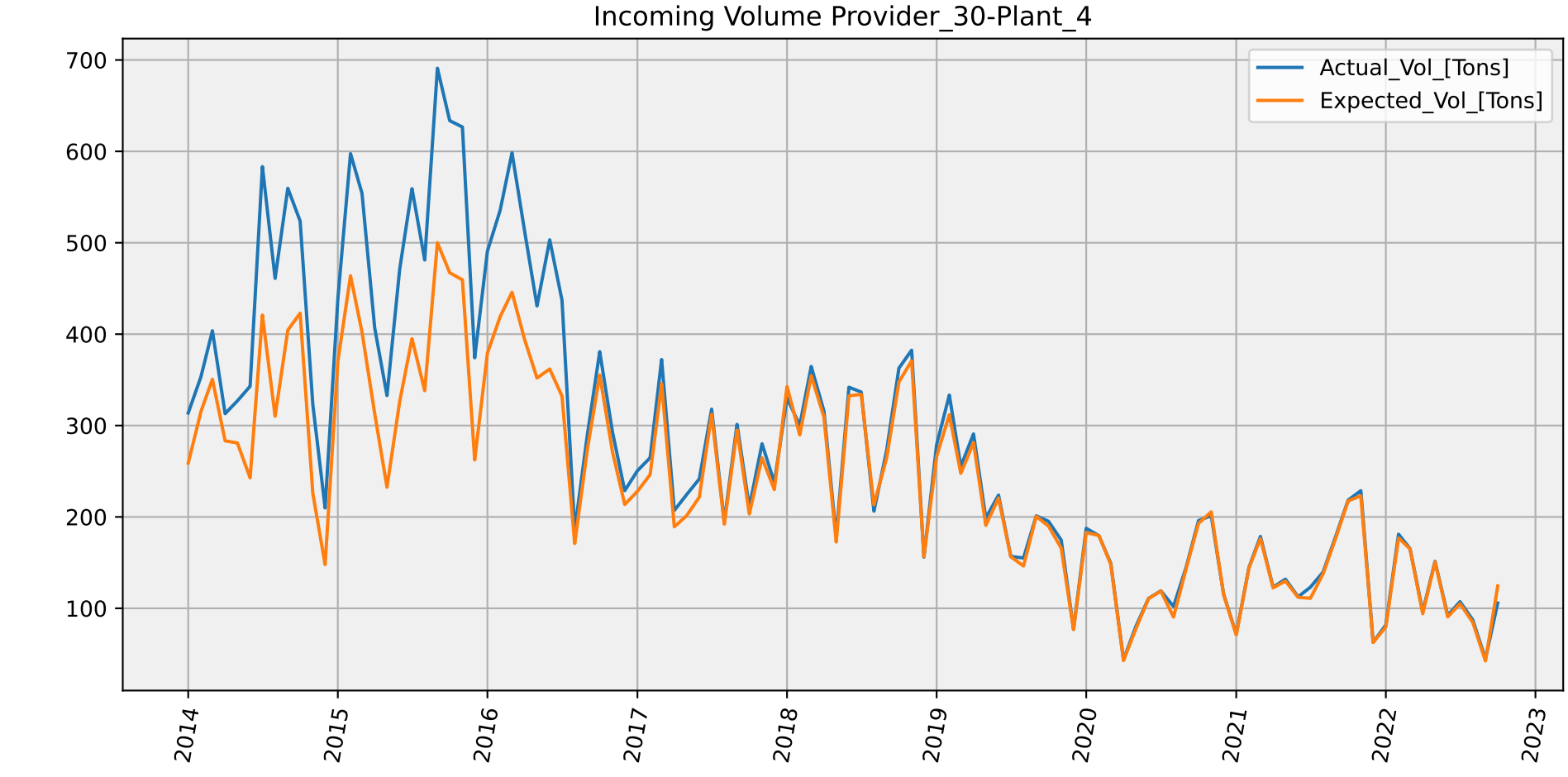


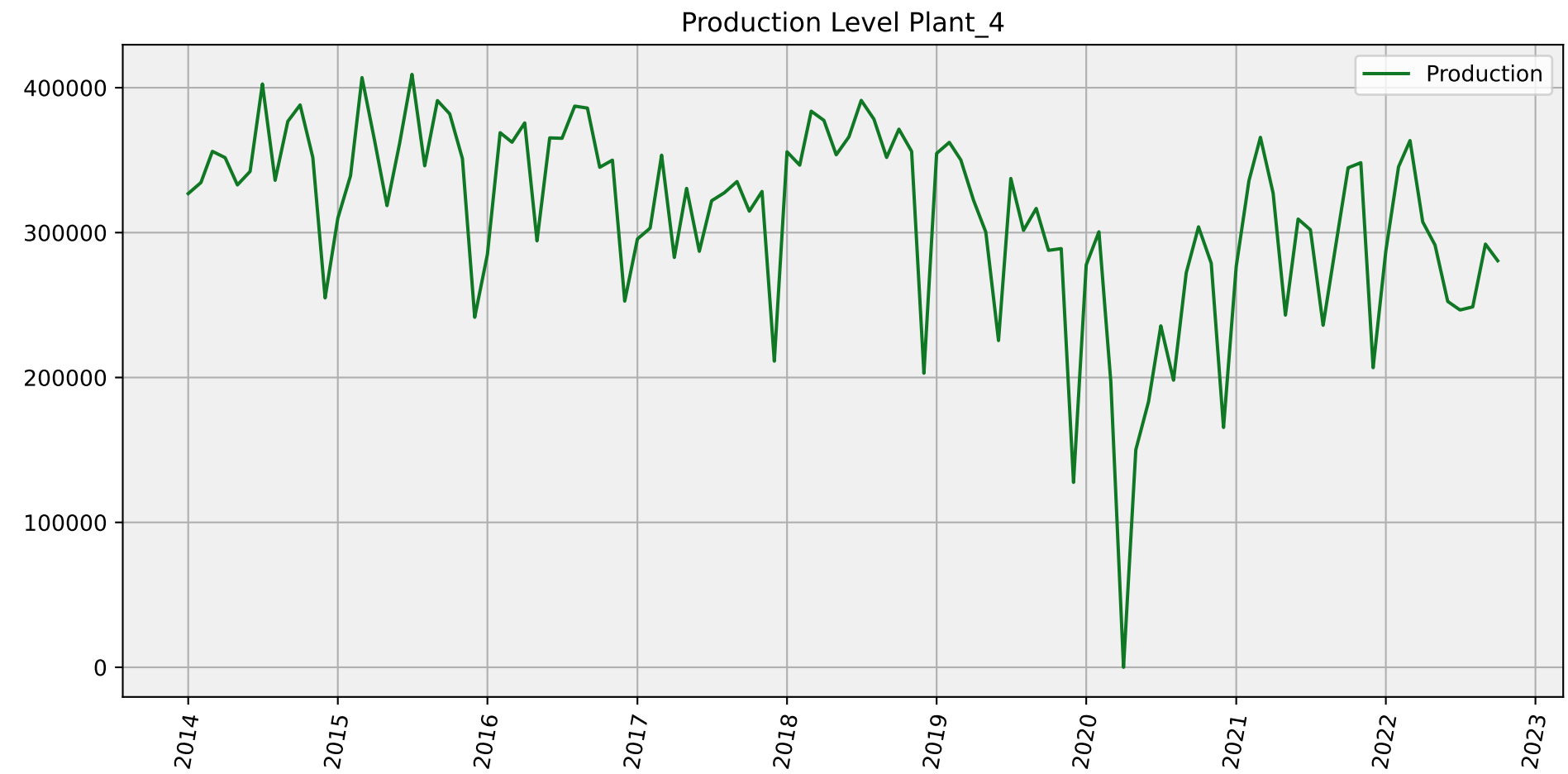
Volume/Production Ratio Provider_30-Plant_19

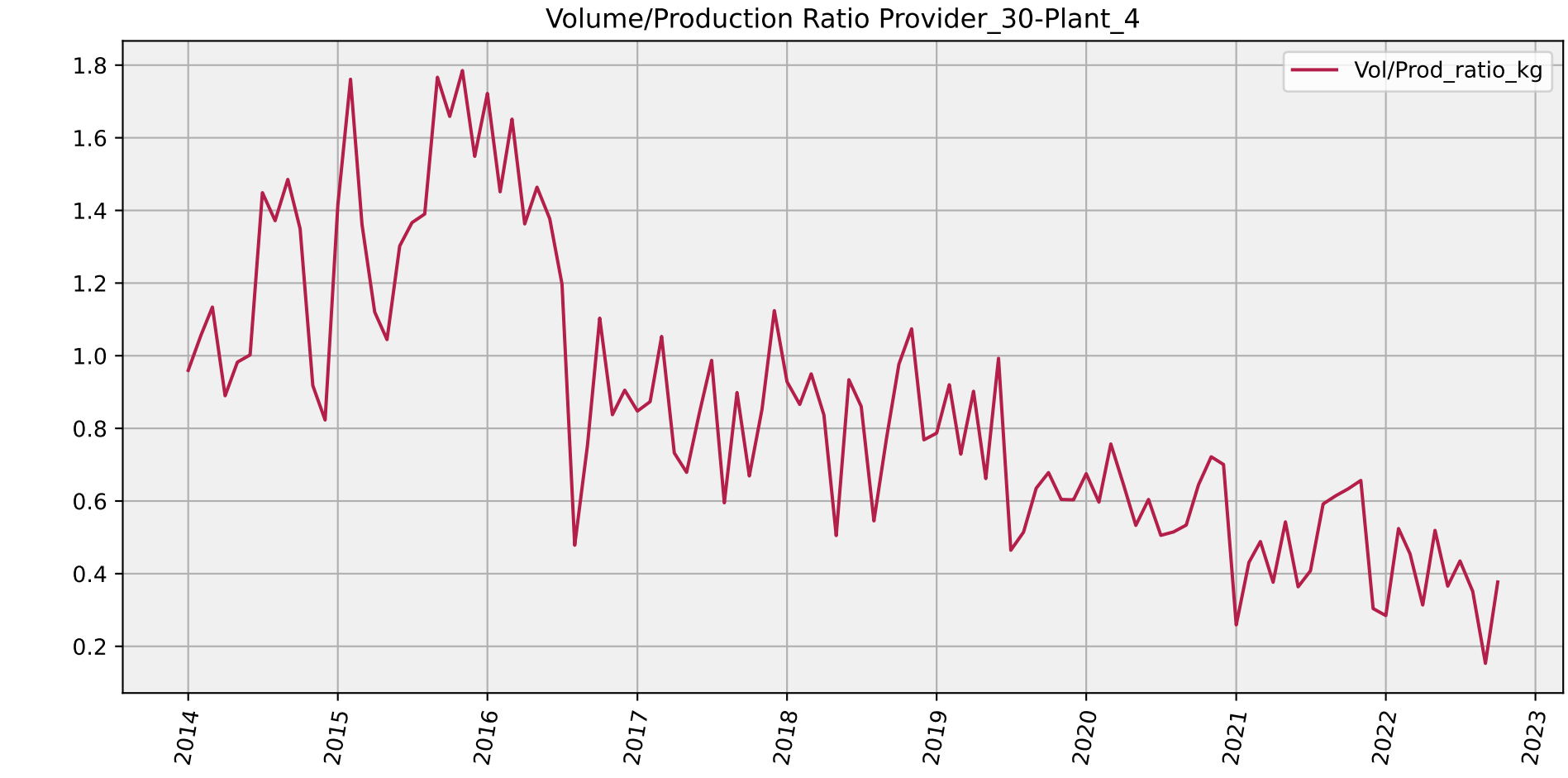

Incoming Volume Provider_30-Plant_20
Actual_Vol_[Tons]
Expected_Vol_[Tons]
250
200
150
100
50
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Production Level Plant_20
Production
160000
140000
120000
100000
80000
60000
40000
20000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

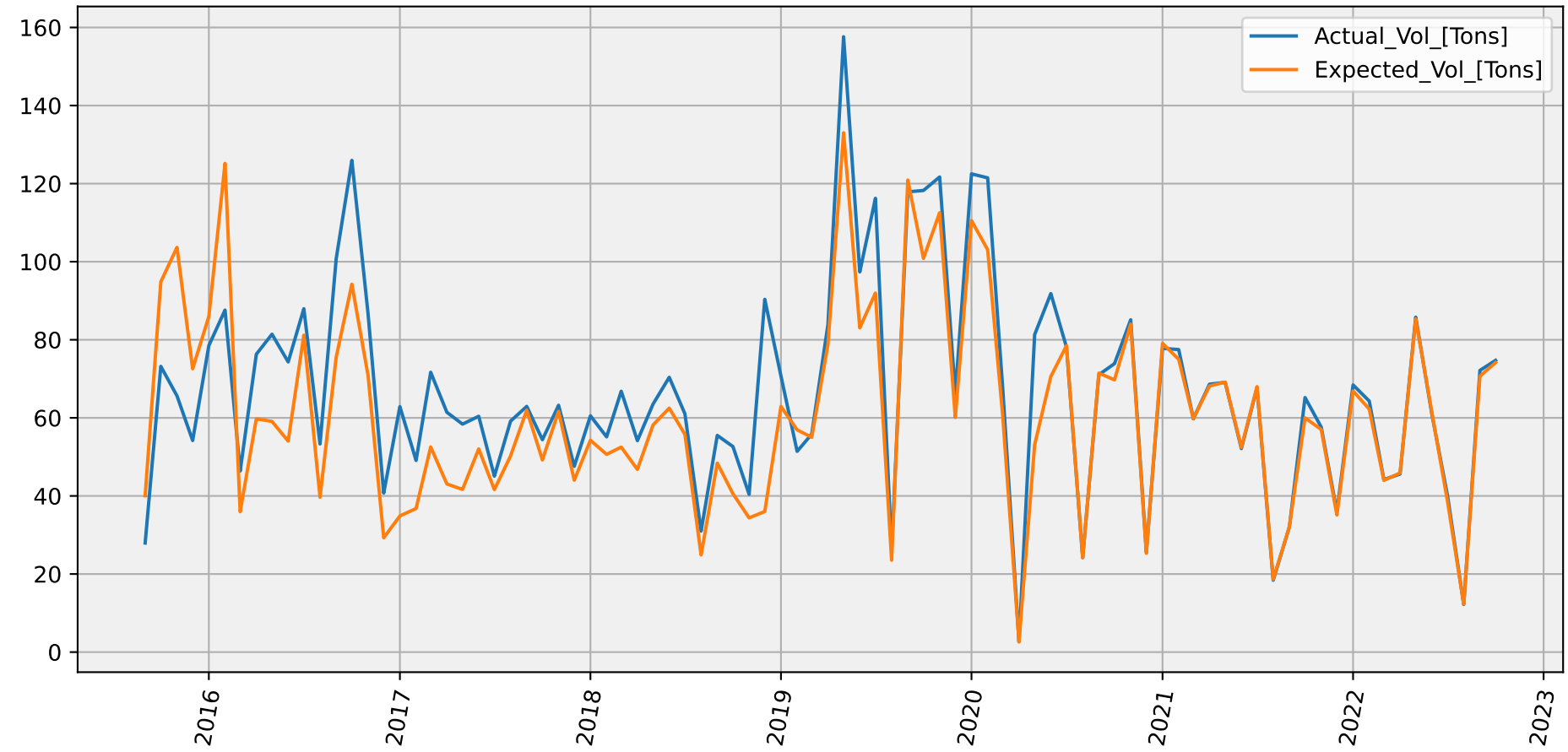

Volume/Production Ratio Provider_30-Plant_20
Vol/Prod_ratio_kg
7
6
5
4
3
2
1
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Incoming Volume Provider_30-Plant_4
Actual_Vol_[Tons]
Expected_Vol_[Tons]
700
600
500
400
300
200
100
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

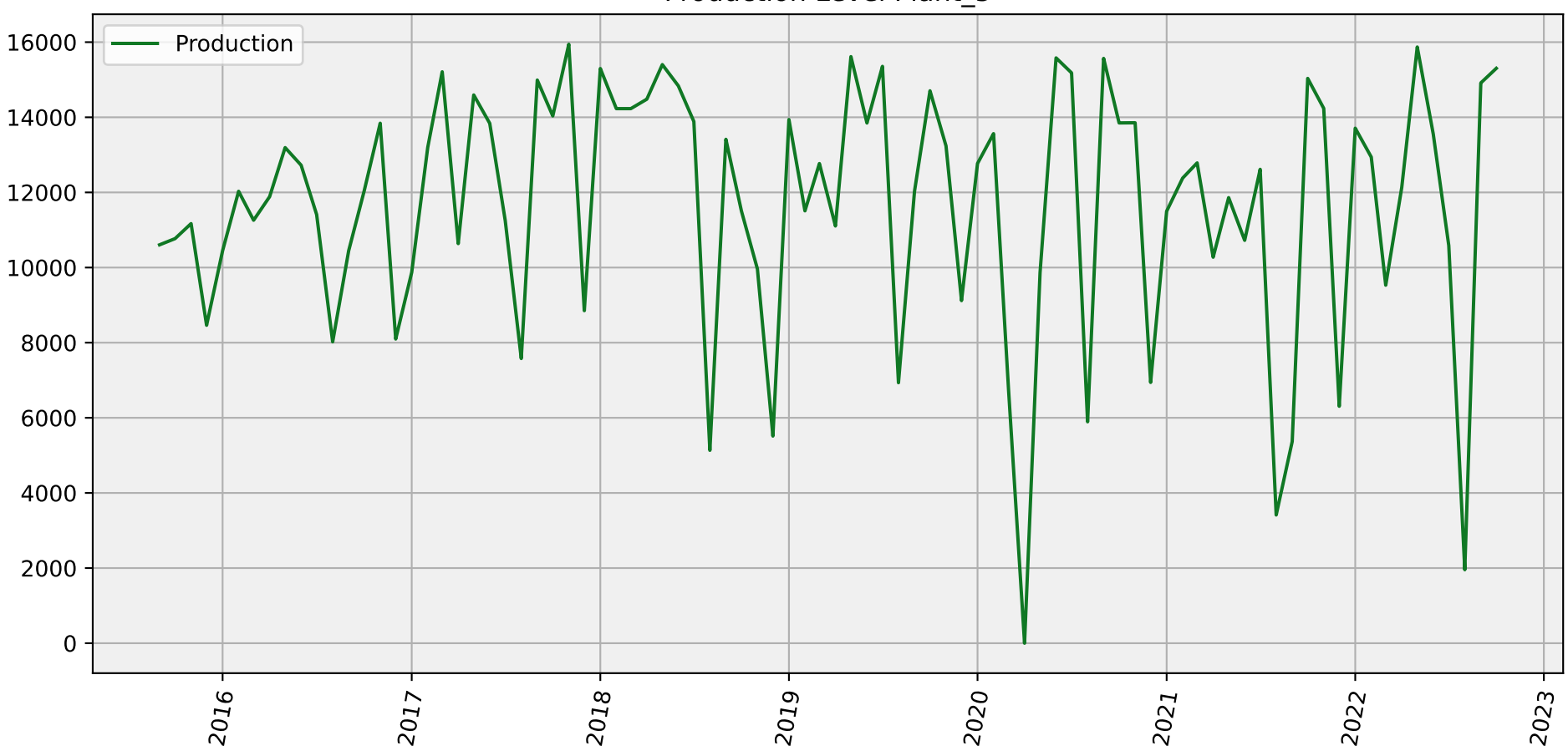

Production Level Plant_4
Production
400000
300000
200000
100000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_30-Plant_4
Vol/Prod_ratio_kg
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

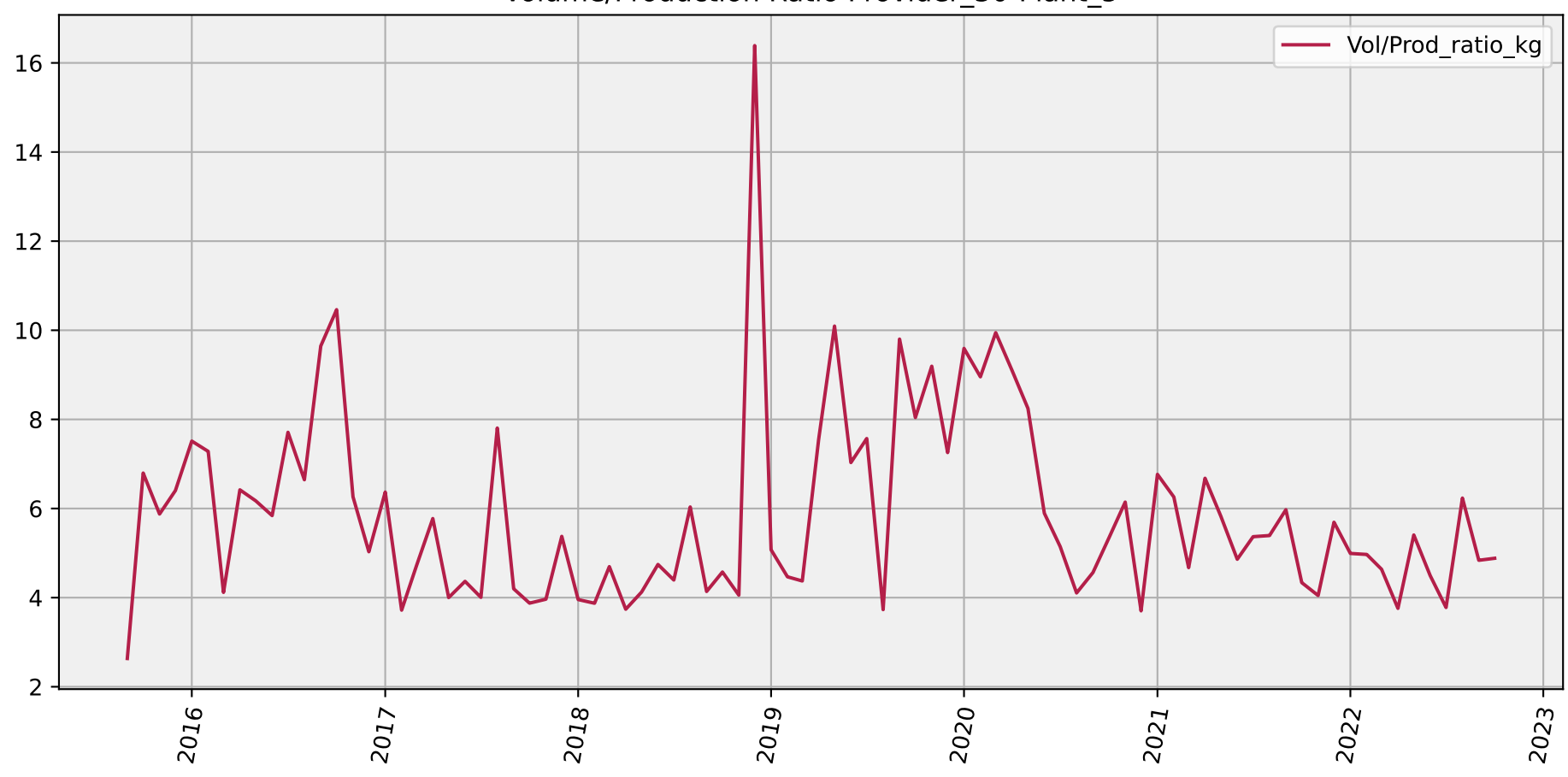
Incoming Volume Provider_30-Plant_5

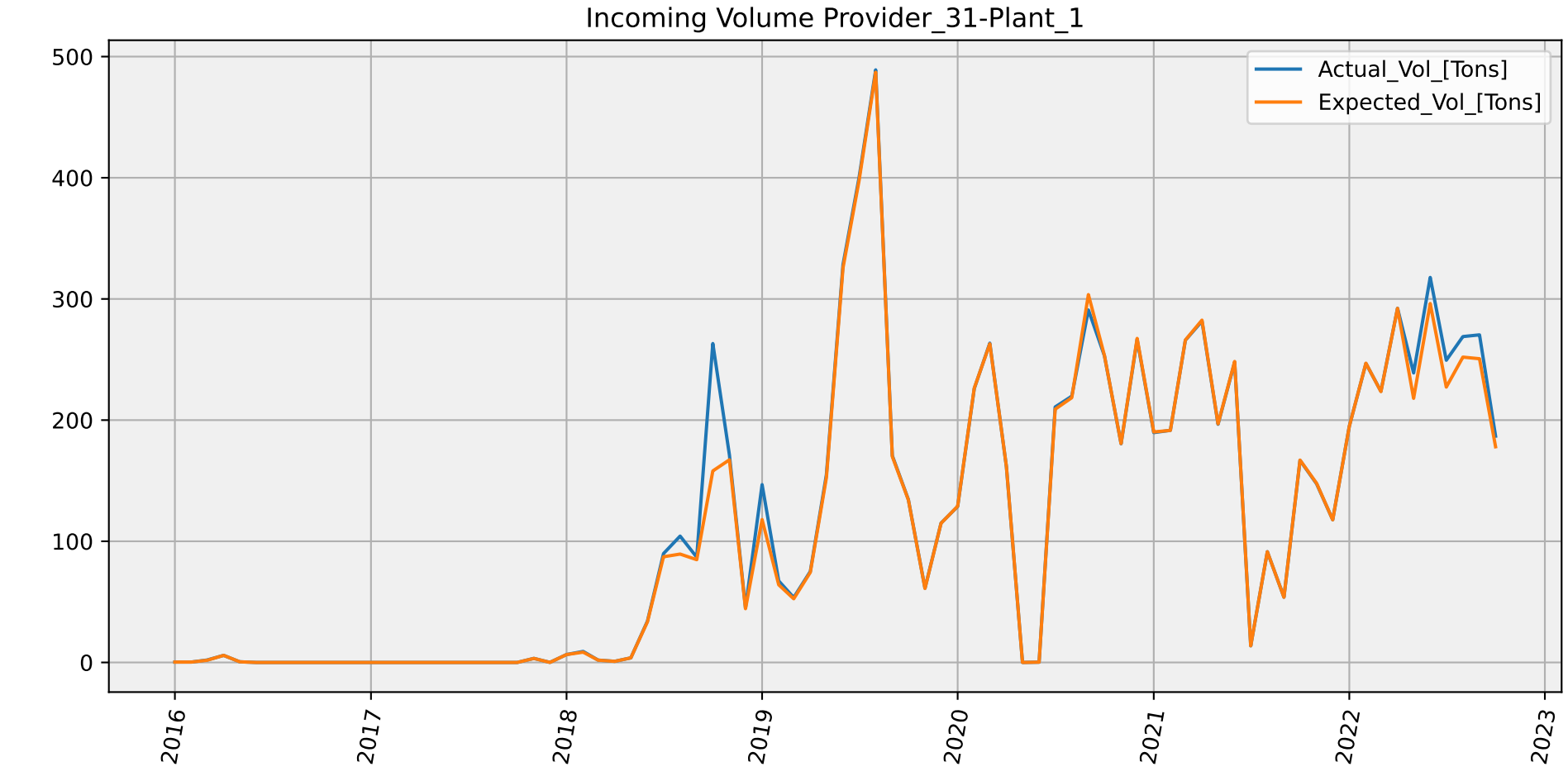


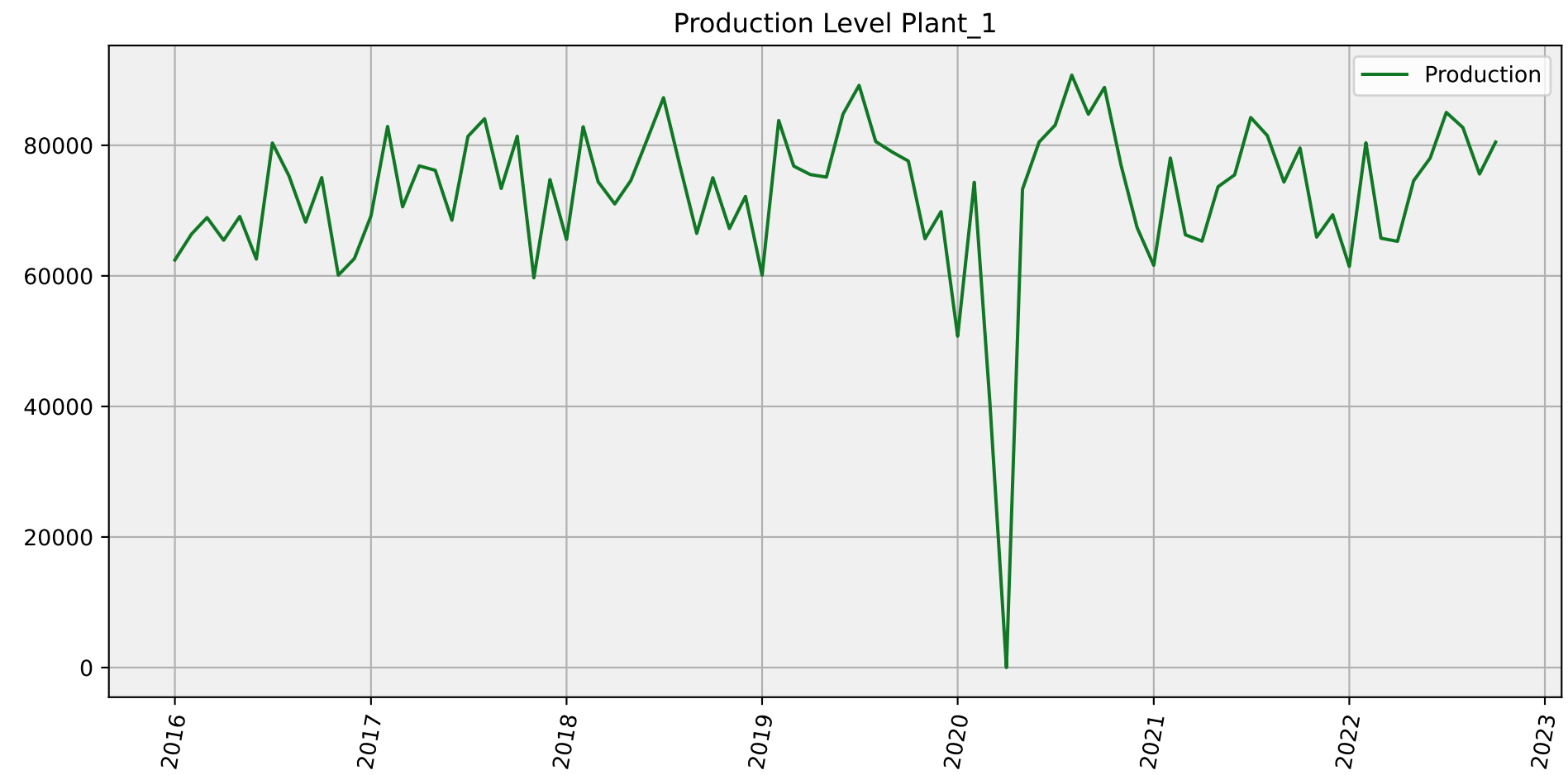
Production Level Plant_5

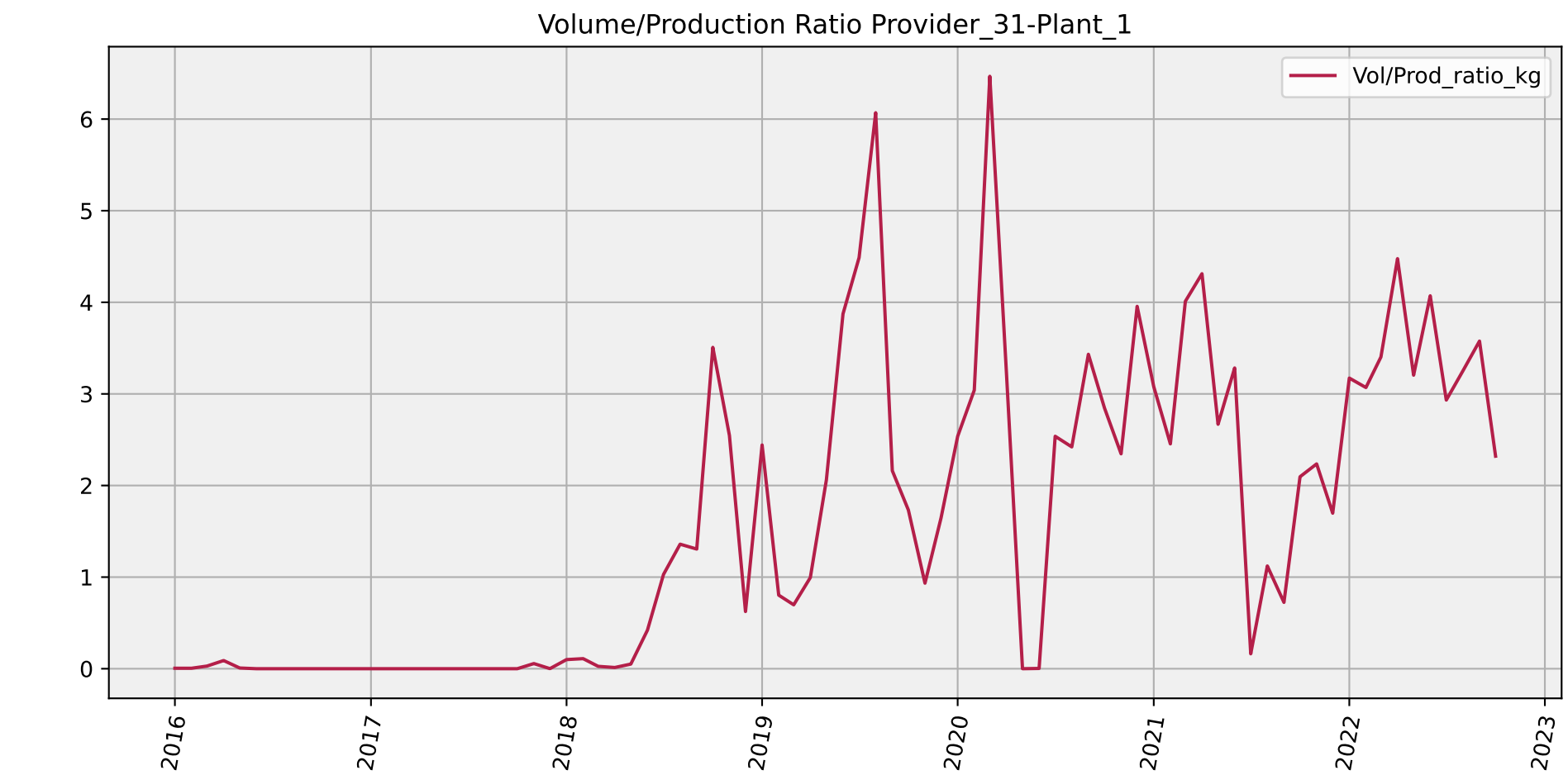


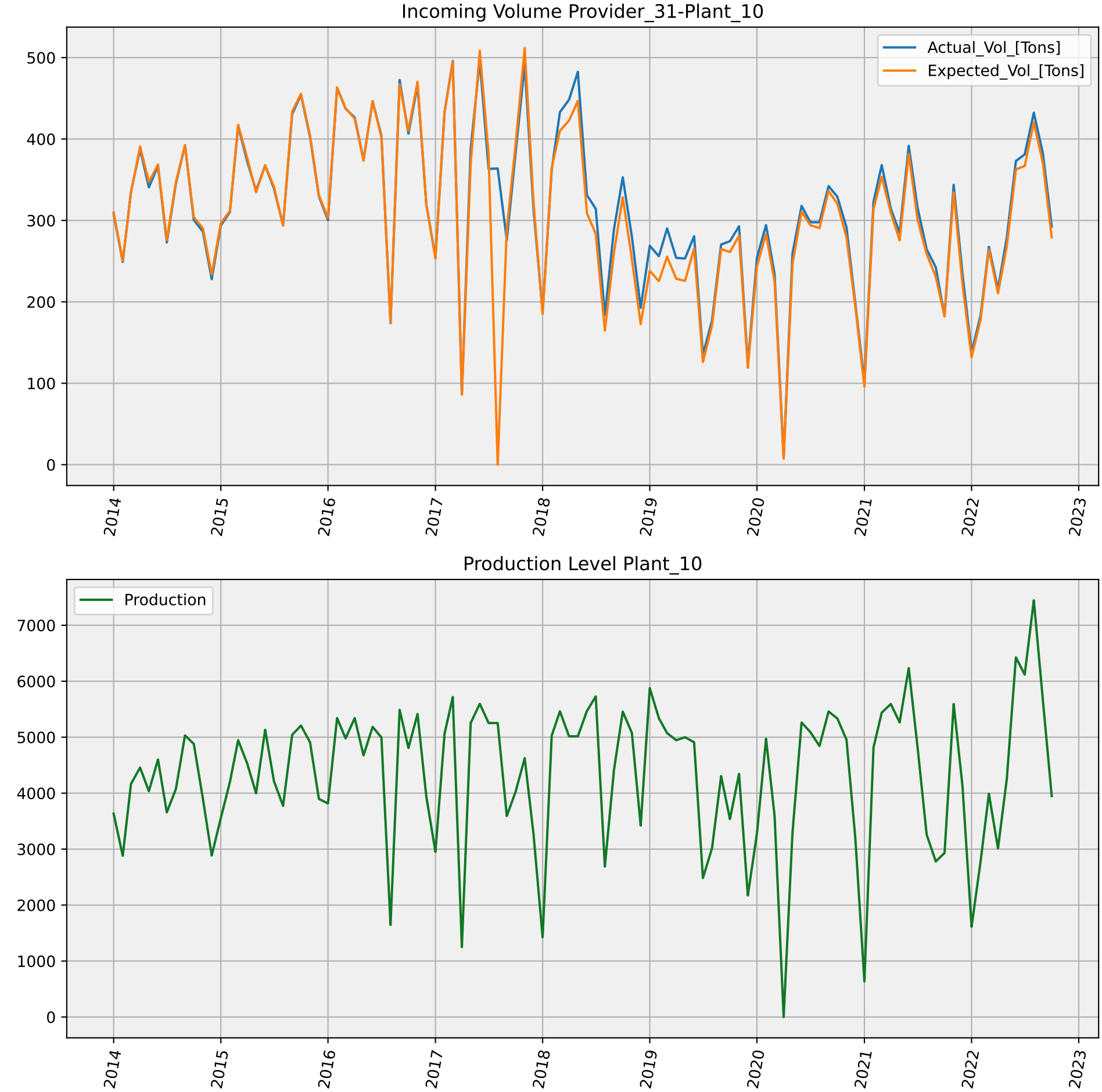
Volume/Production Ratio Provider_30-Plant_5



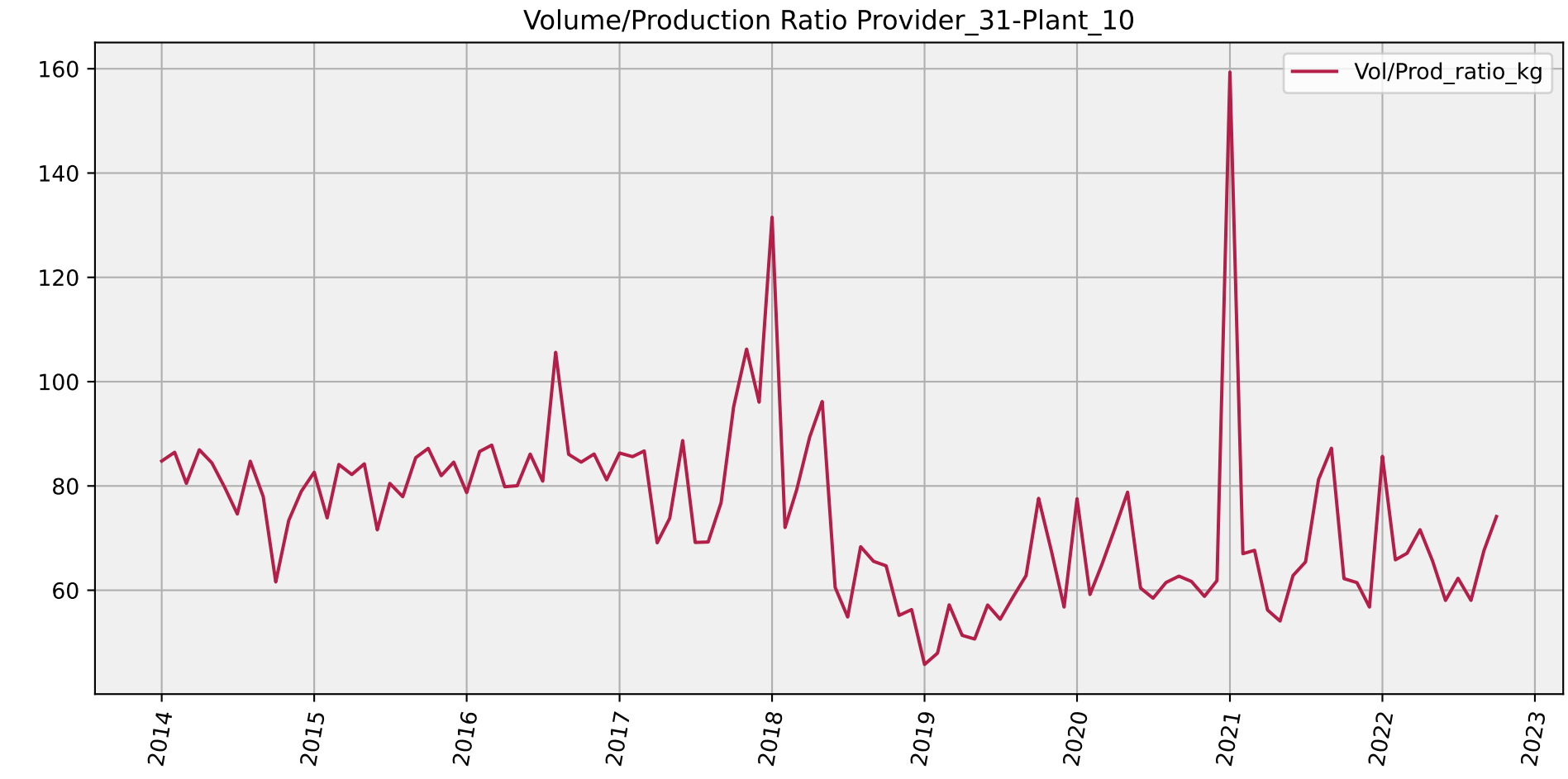

Incoming Volume Provider_31-Plant_1
Actual_Vol_[Tons]
Expected_Vol_[Tons]
500
400
300
200
100
0
2016
2017
2018
2019
2020
2021
2022
2023


Production Level Plant_1
Production
80000
60000
40000
20000
0
2016
2017
2018
2019
2020
2021
2022
2023

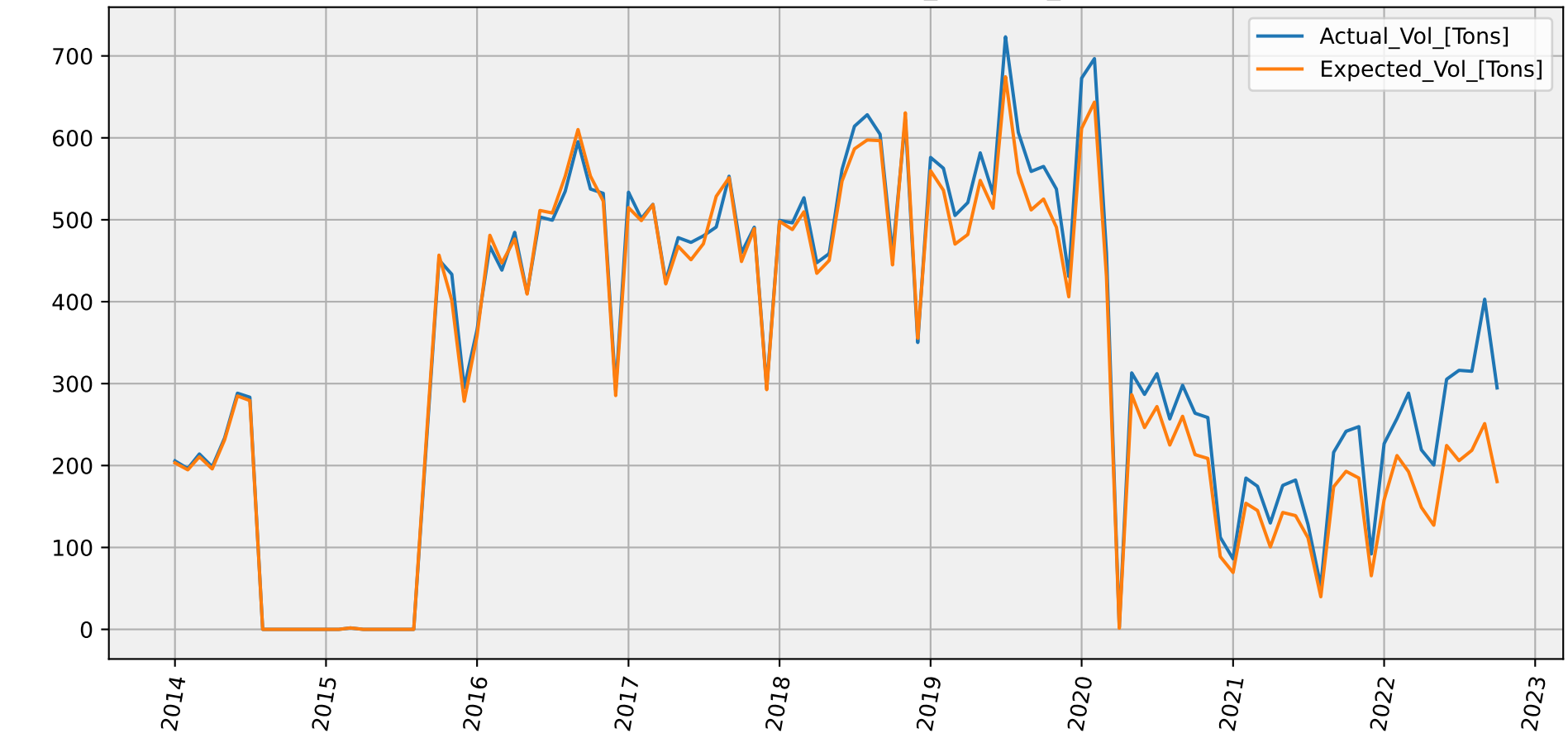

Volume/Production Ratio Provider_31-Plant_1
Vol/Prod_ratio_kg
6
5
4
3
2
1
0
2016
2017
2018
2019
2020
2021
2022
2023


Incoming Volume Provider_31-Plant_10
Actual_Vol_[Tons]
Expected_Vol_[Tons]
500
400
300
200
100
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

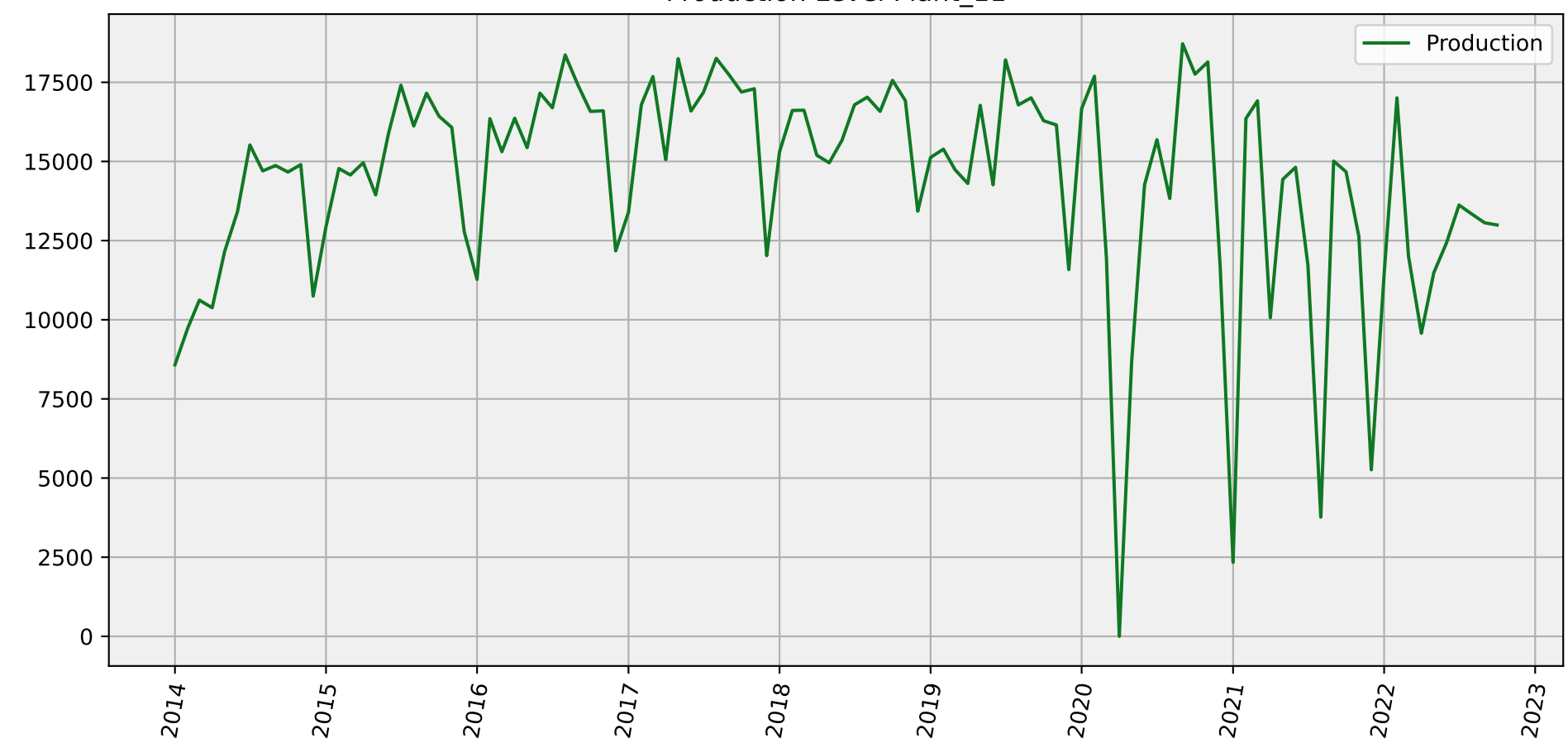
Production Level Plant_10
Production
7000
6000
5000
4000
3000
2000
1000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_31-Plant_10
Vol/Prod_ratio_kg
160
140
120
100
80
60
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

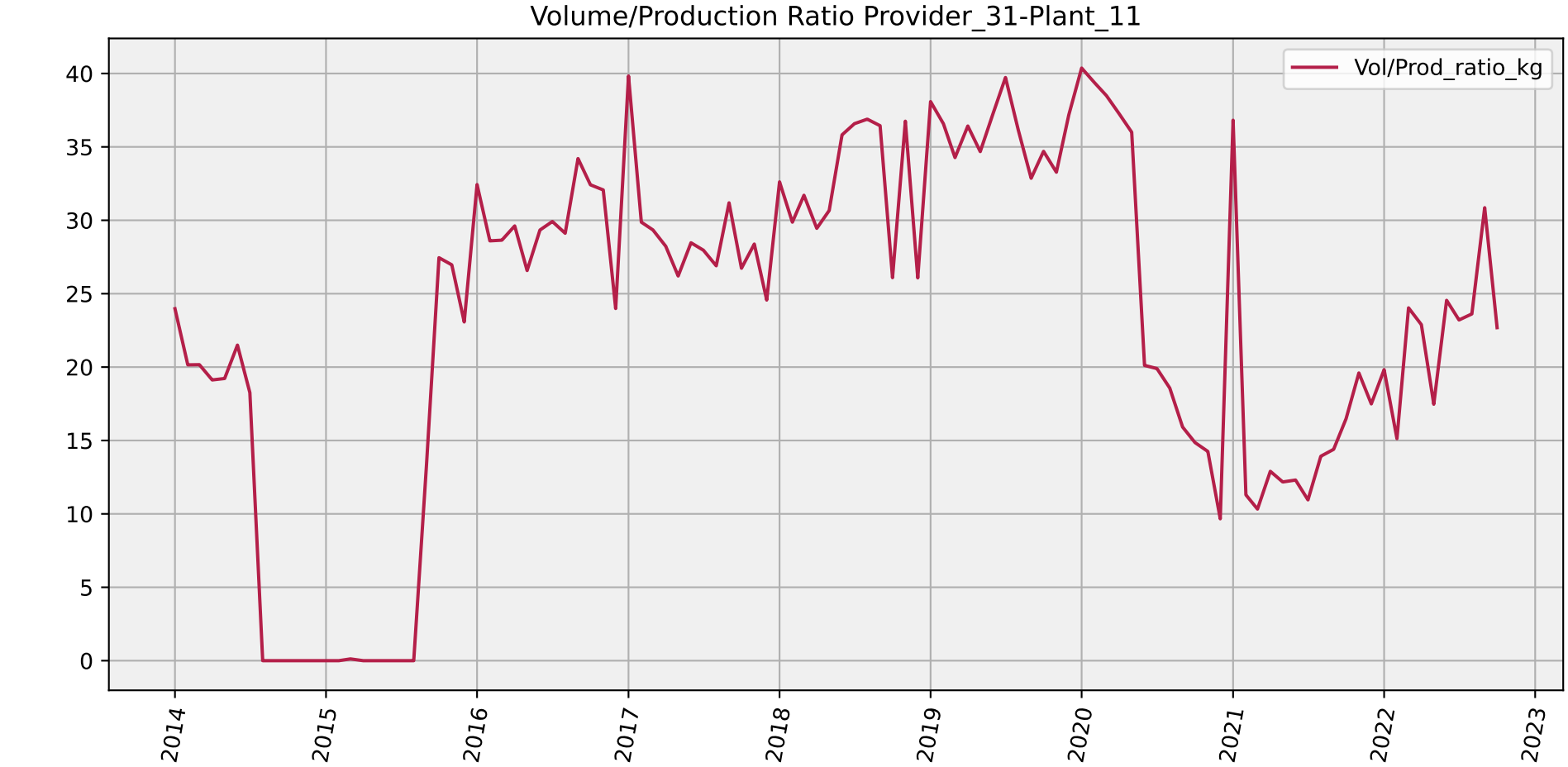
Incoming Volume Provider_31-Plant_11

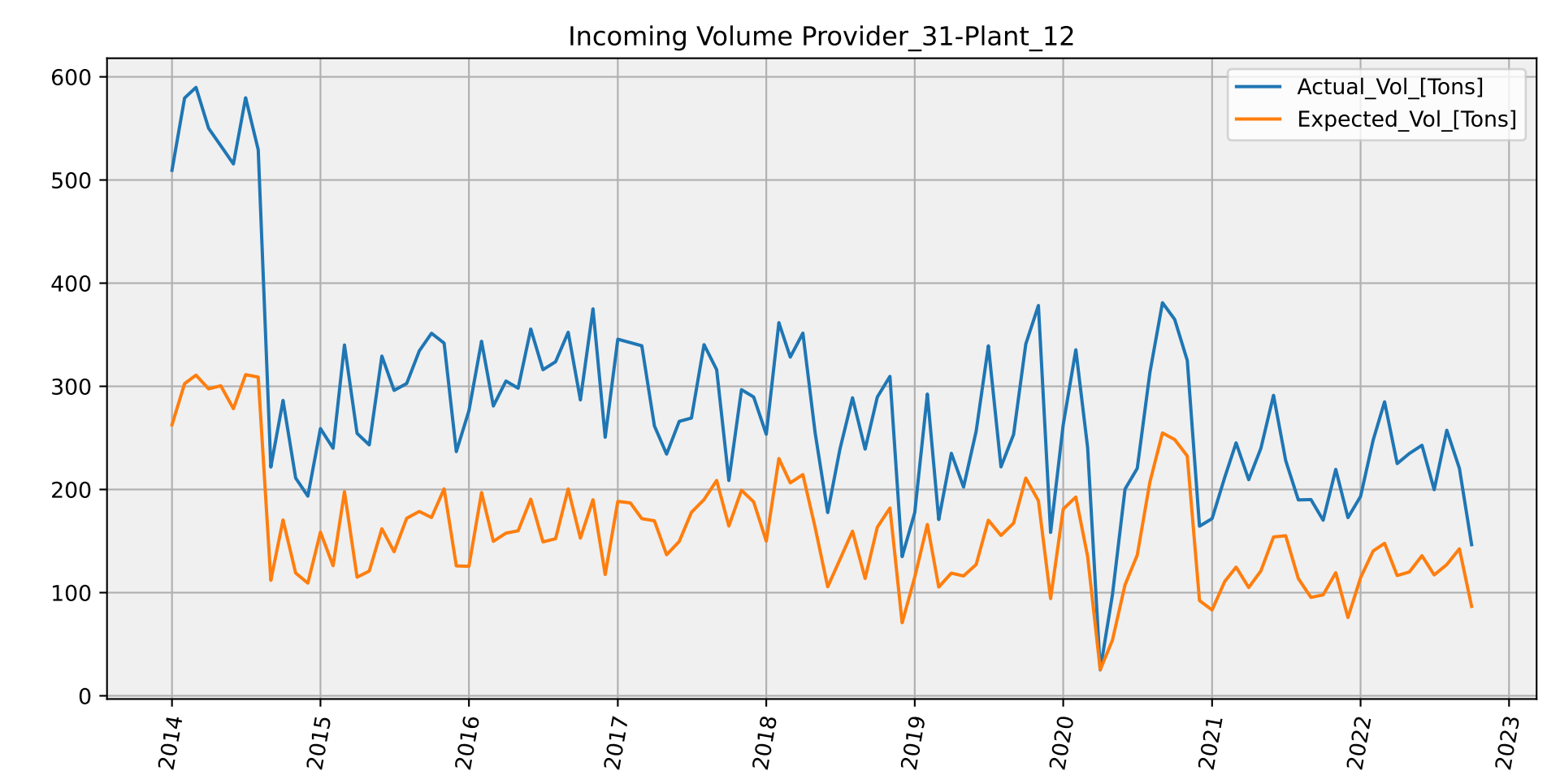


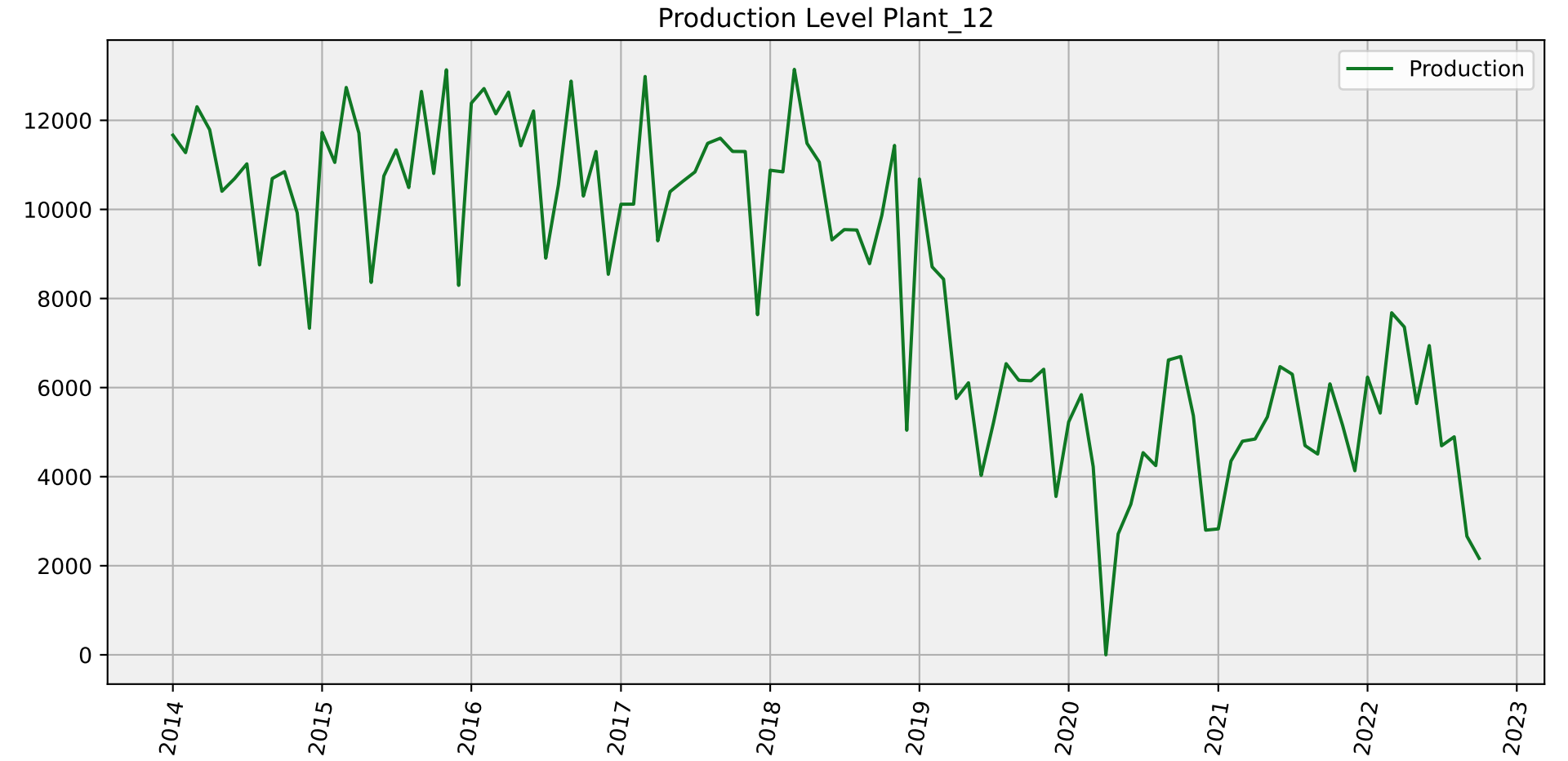
Production Level Plant_11

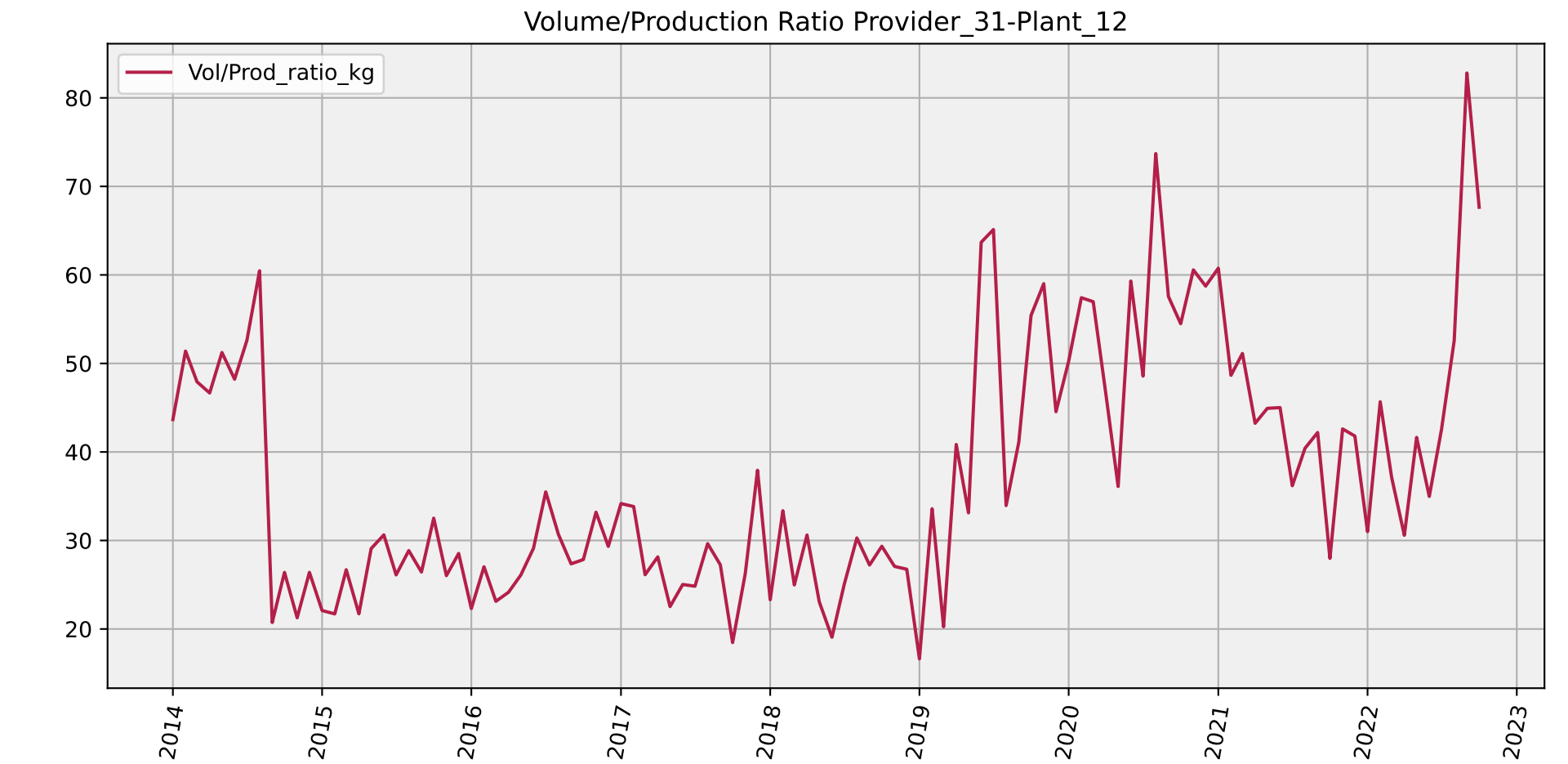


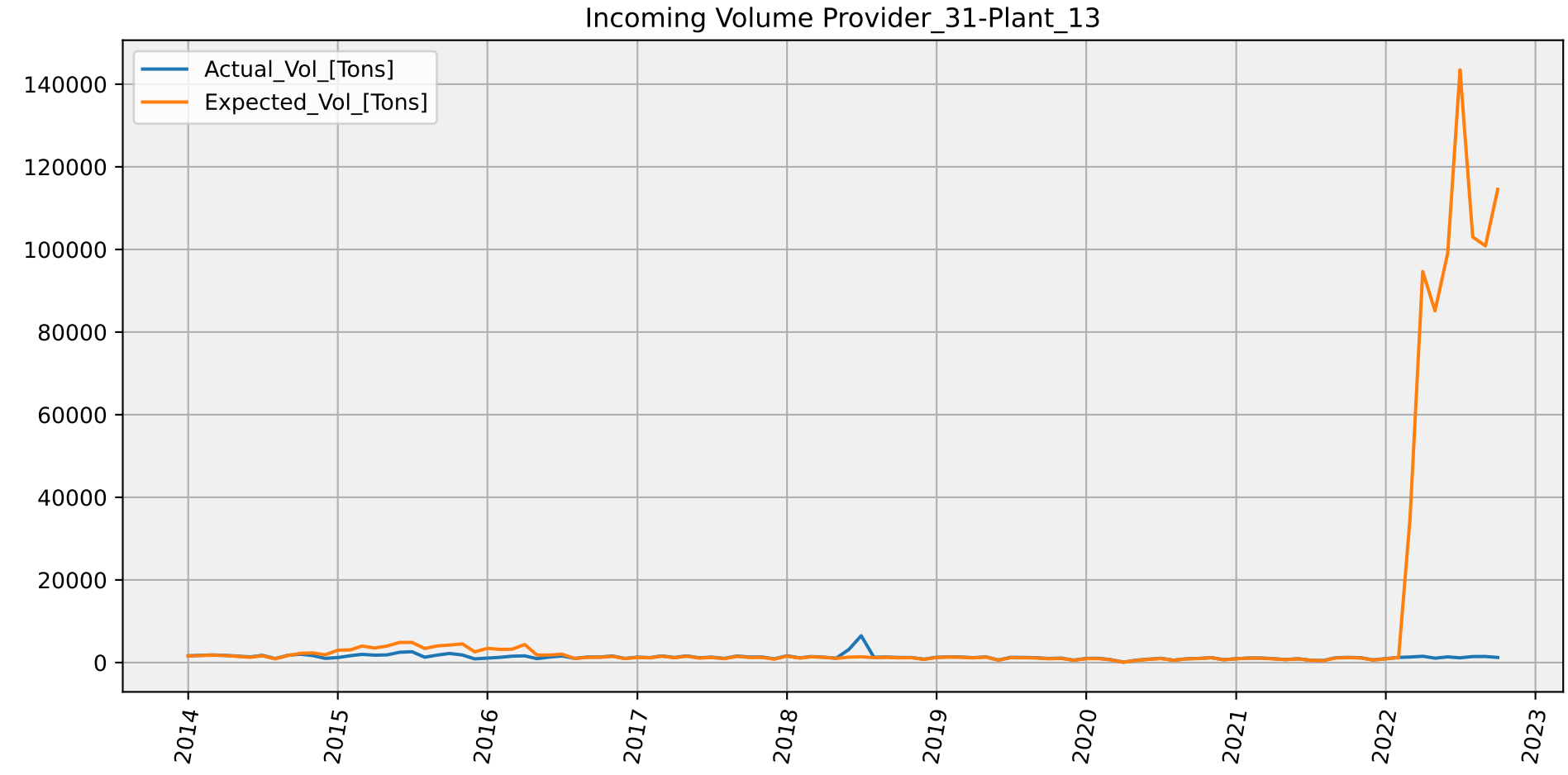
Volume/Production Ratio Provider_31-Plant_11

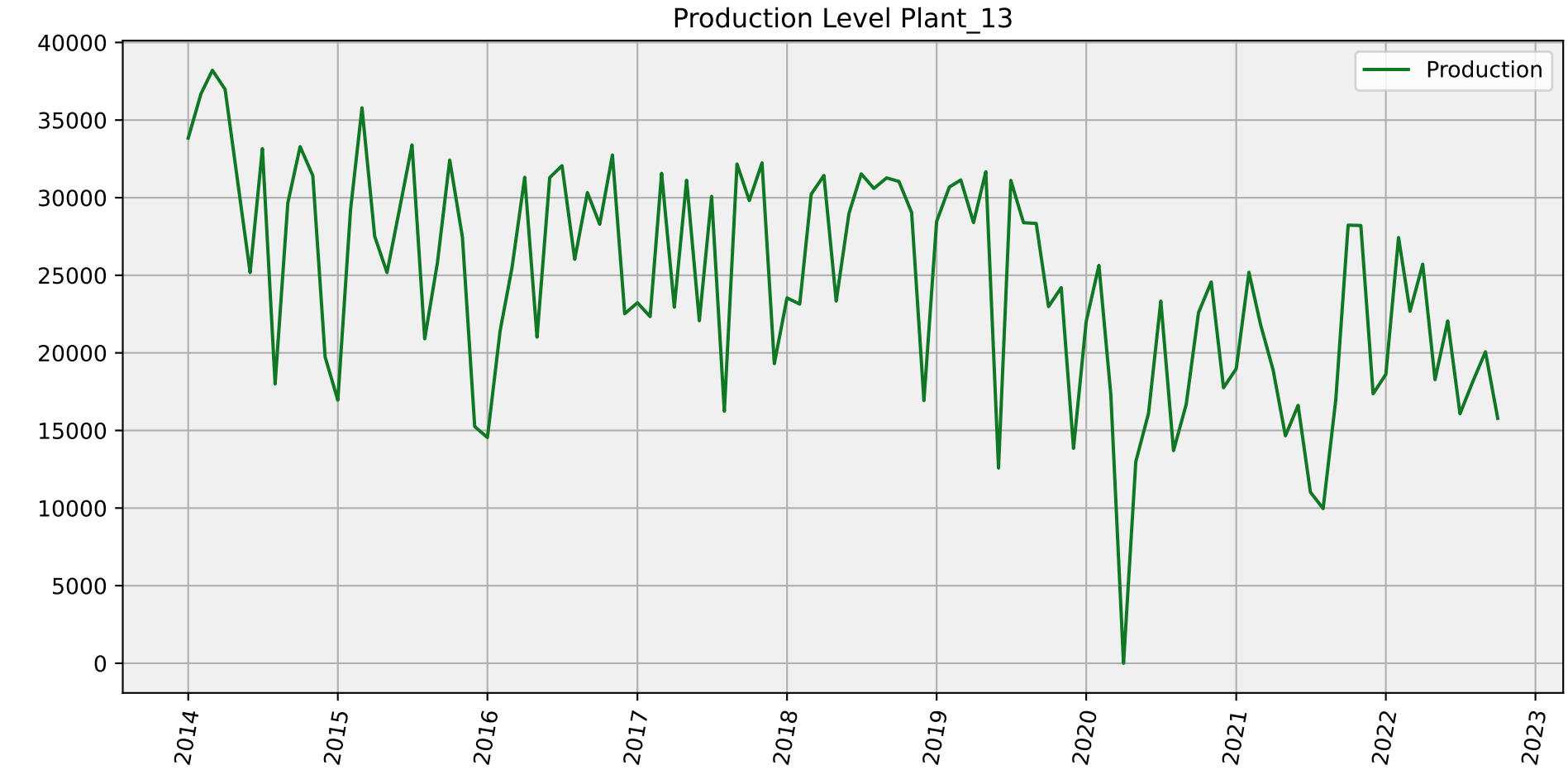


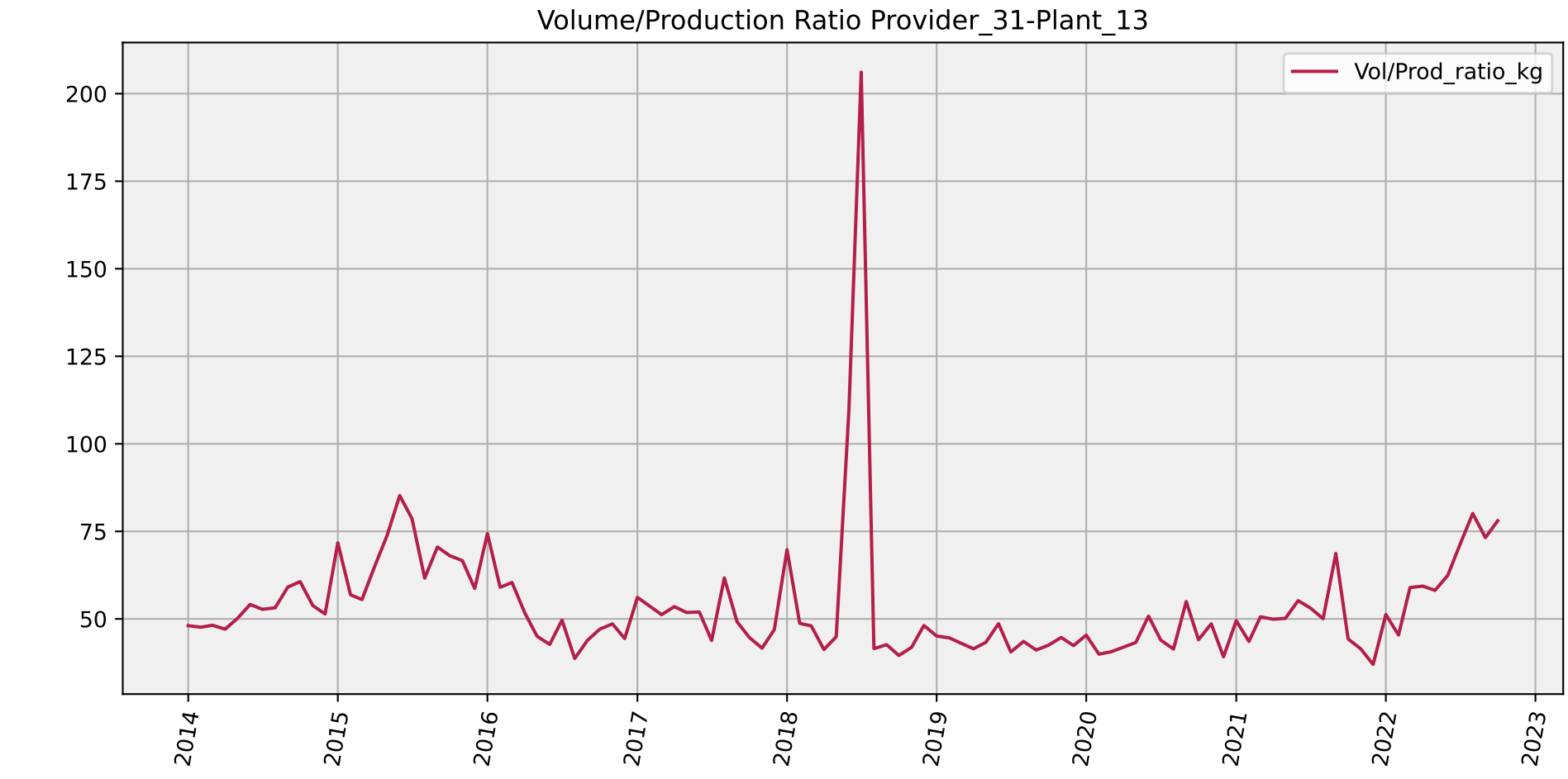

Incoming Volume Provider_31-Plant_12
Actual_Vol_[Tons]
Expected_Vol_[Tons]
600
500
400
300
200
100
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Production Level Plant_12
Production
12000
10000
8000
6000
4000
2000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

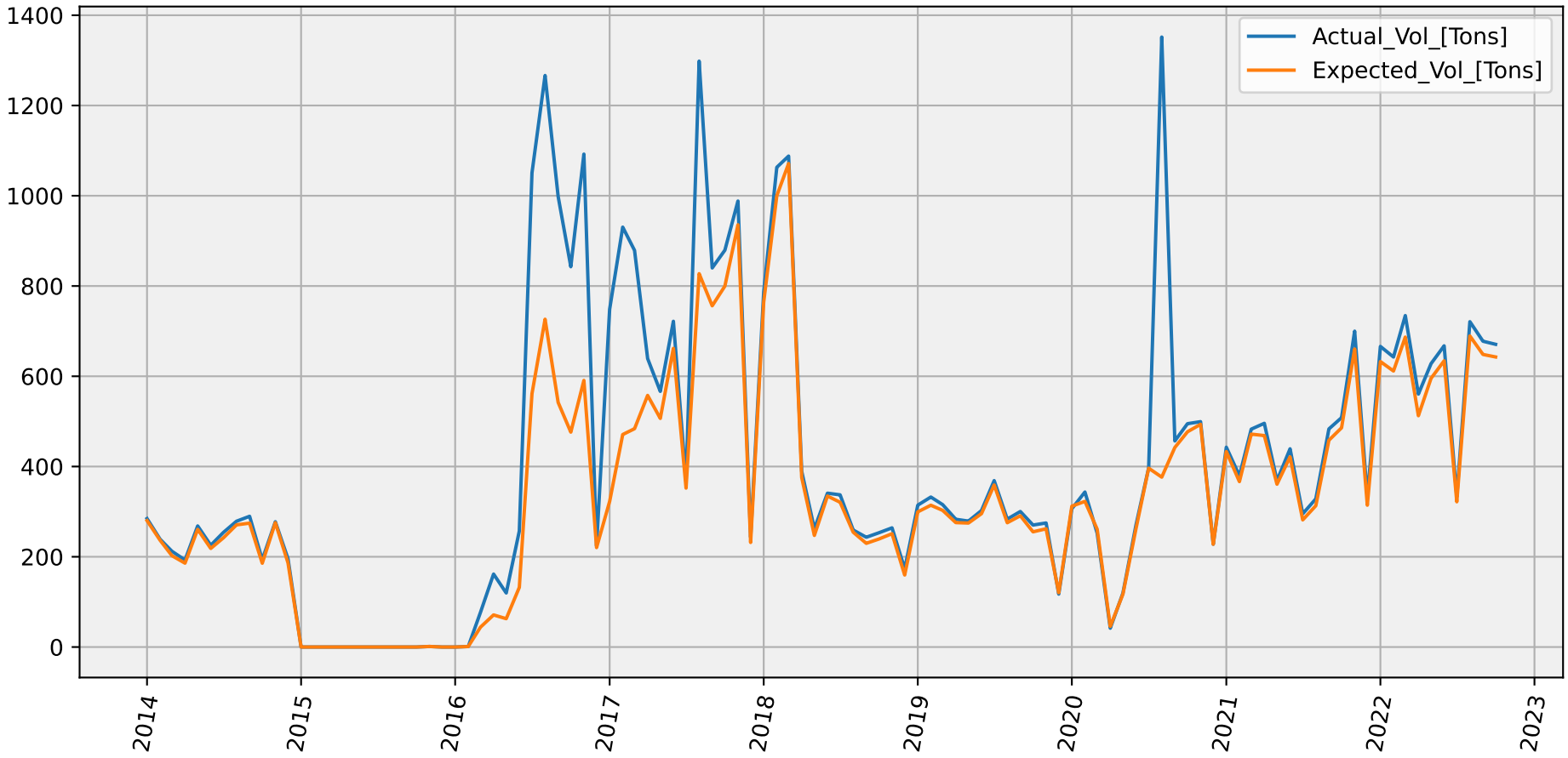

Volume/Production Ratio Provider_31-Plant_12
Vol/Prod_ratio_kg
80
70
60
50
40
30
20
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Incoming Volume Provider_31-Plant_13
Actual_Vol_[Tons]
Expected_Vol_[Tons]
140000
120000
100000
80000
60000
40000
20000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

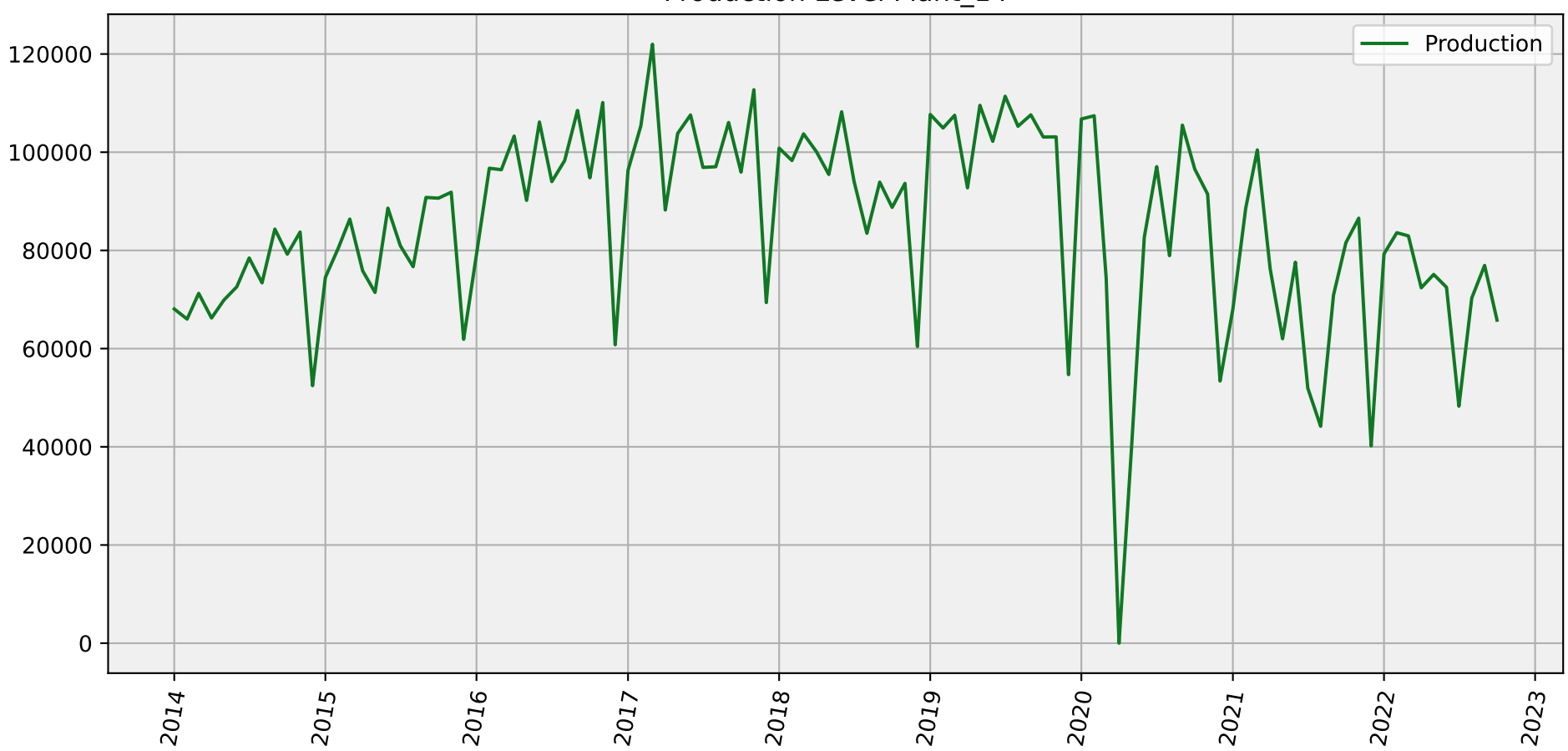

Production Level Plant_13
Production
40000
35000
30000
25000
20000
15000
10000
5000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_31-Plant_13
Vol/Prod_ratio_kg
200
175
150
125
100
75
50
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

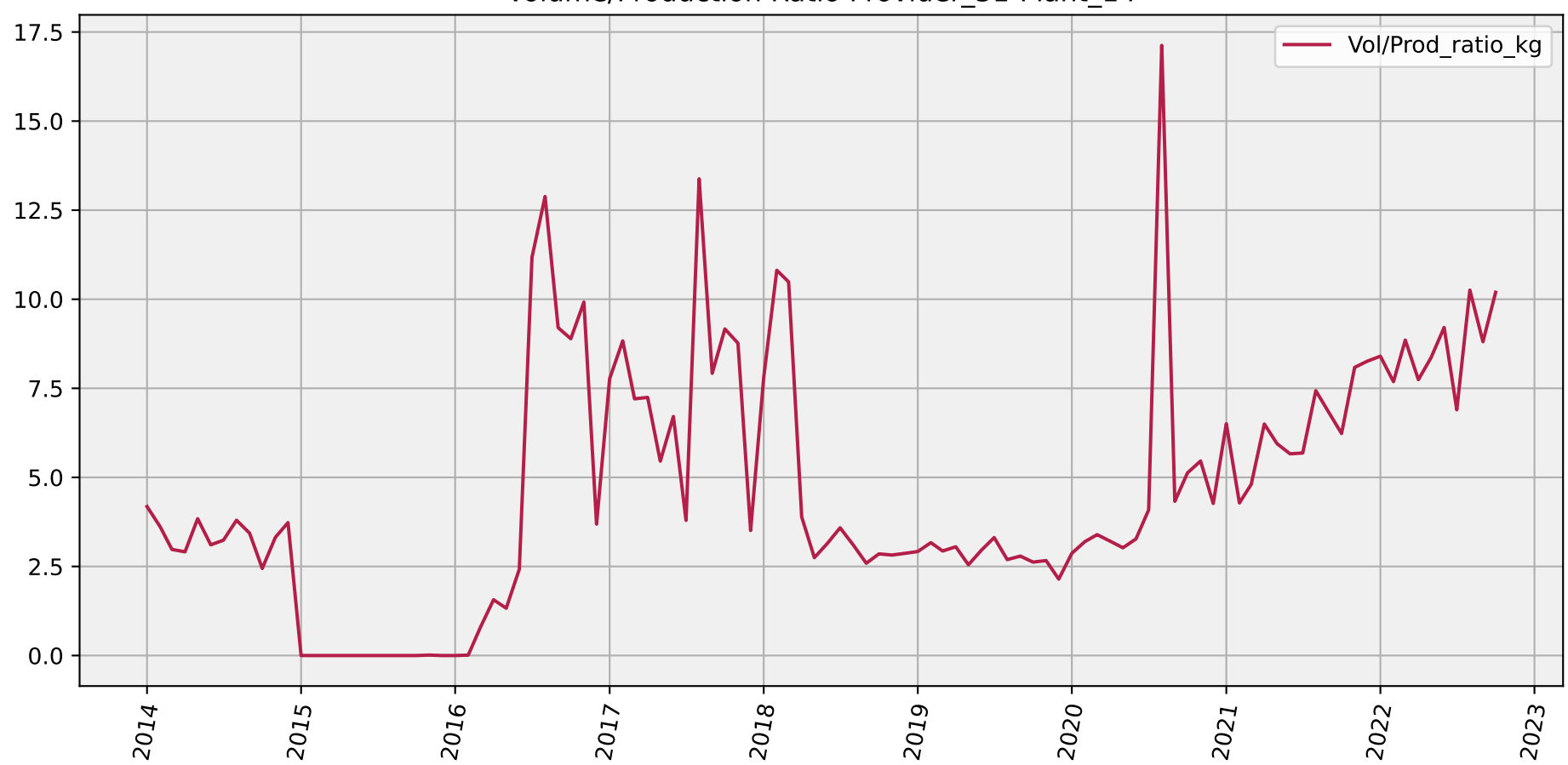
Incoming Volume Provider_31-Plant_14



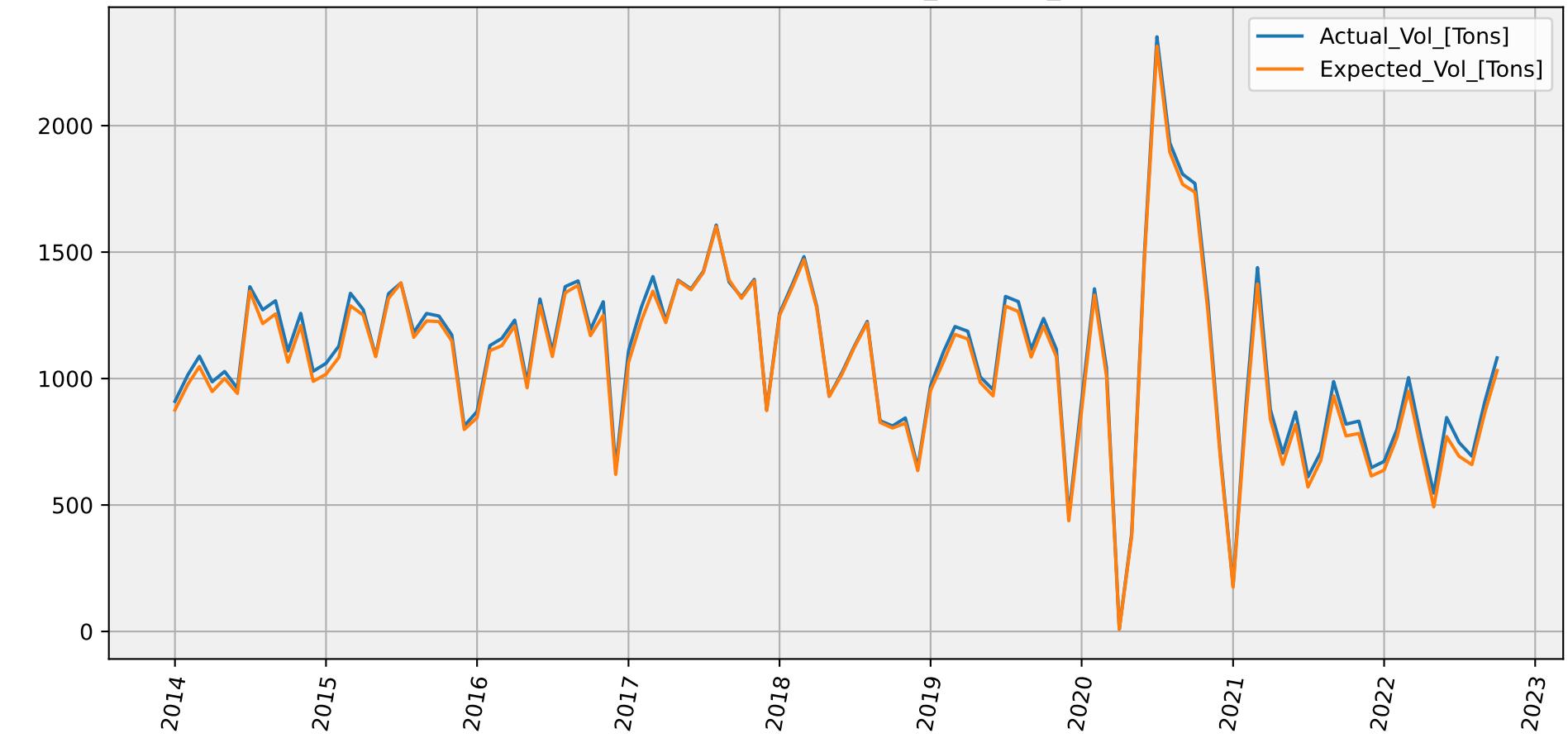
Production Level Plant_14



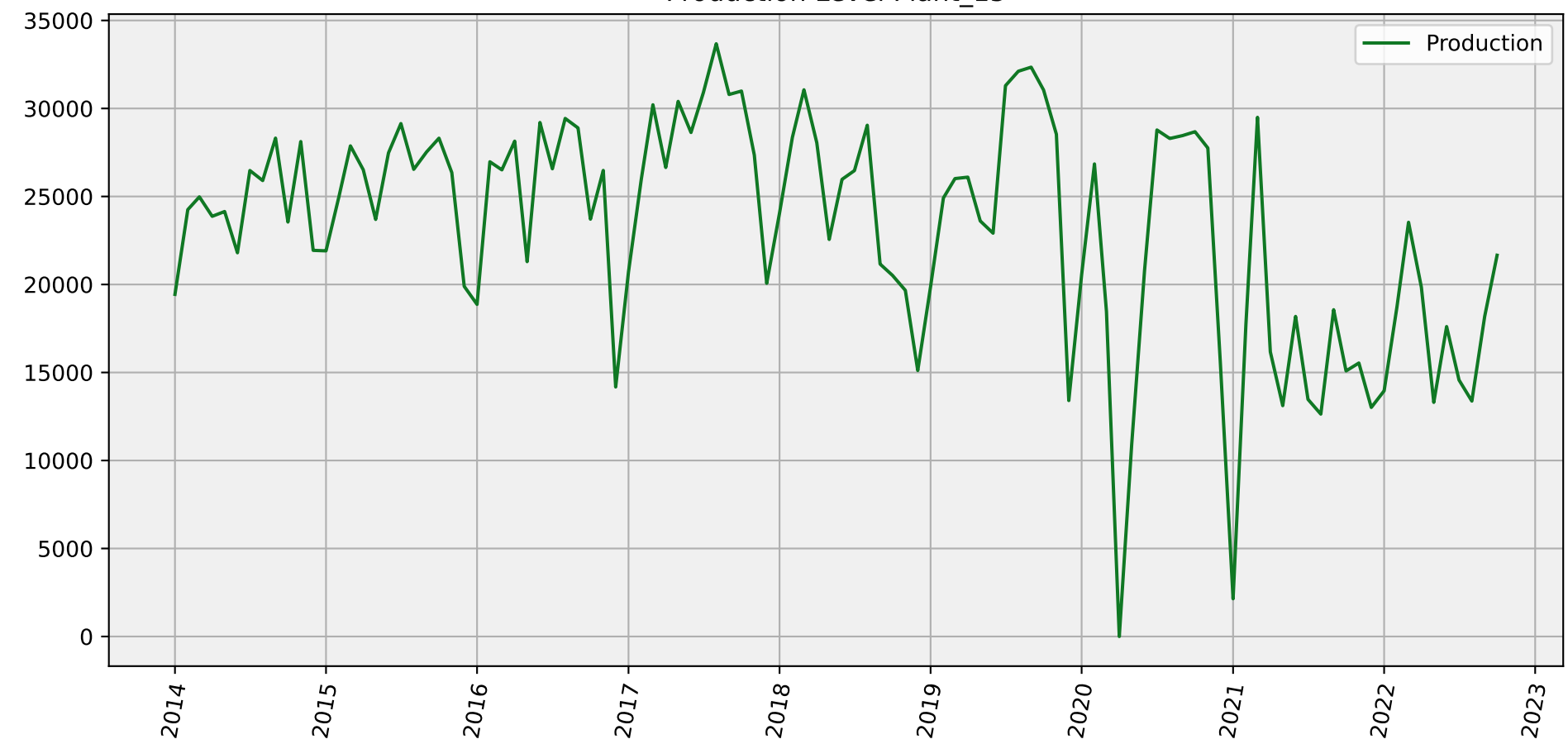
Volume/Production Ratio Provider_31-Plant_14



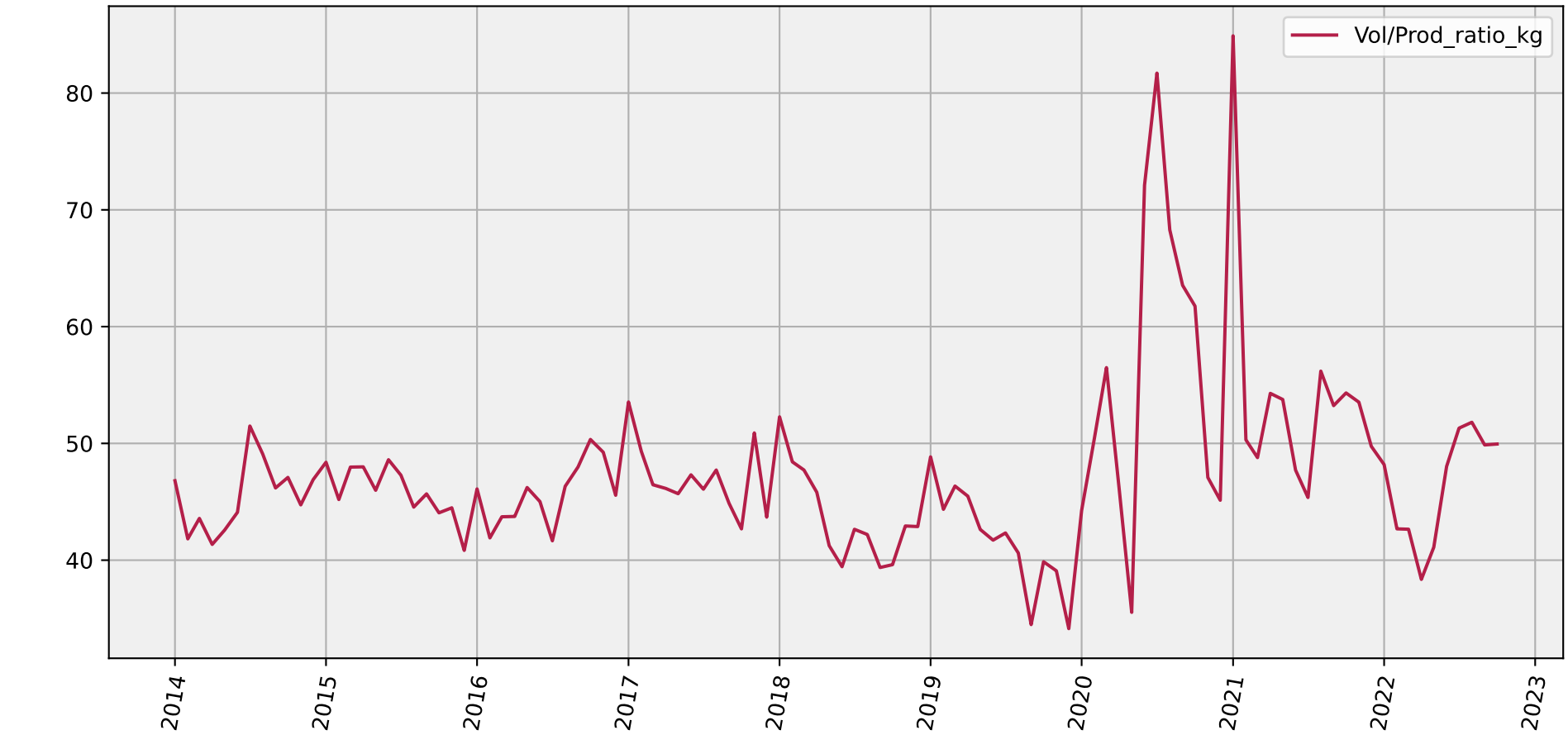
Incoming Volume Provider_31-Plant_15



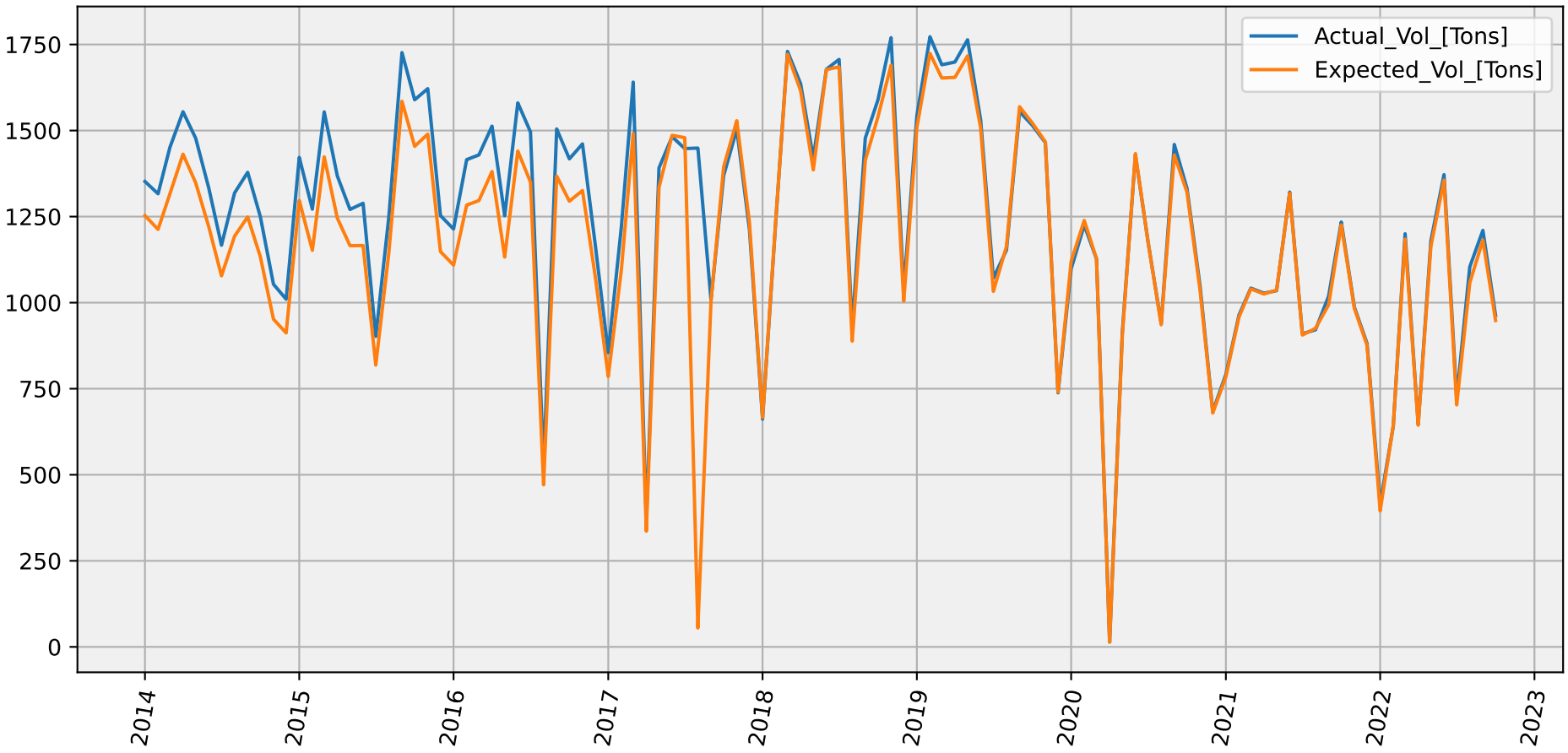
Production Level Plant_15



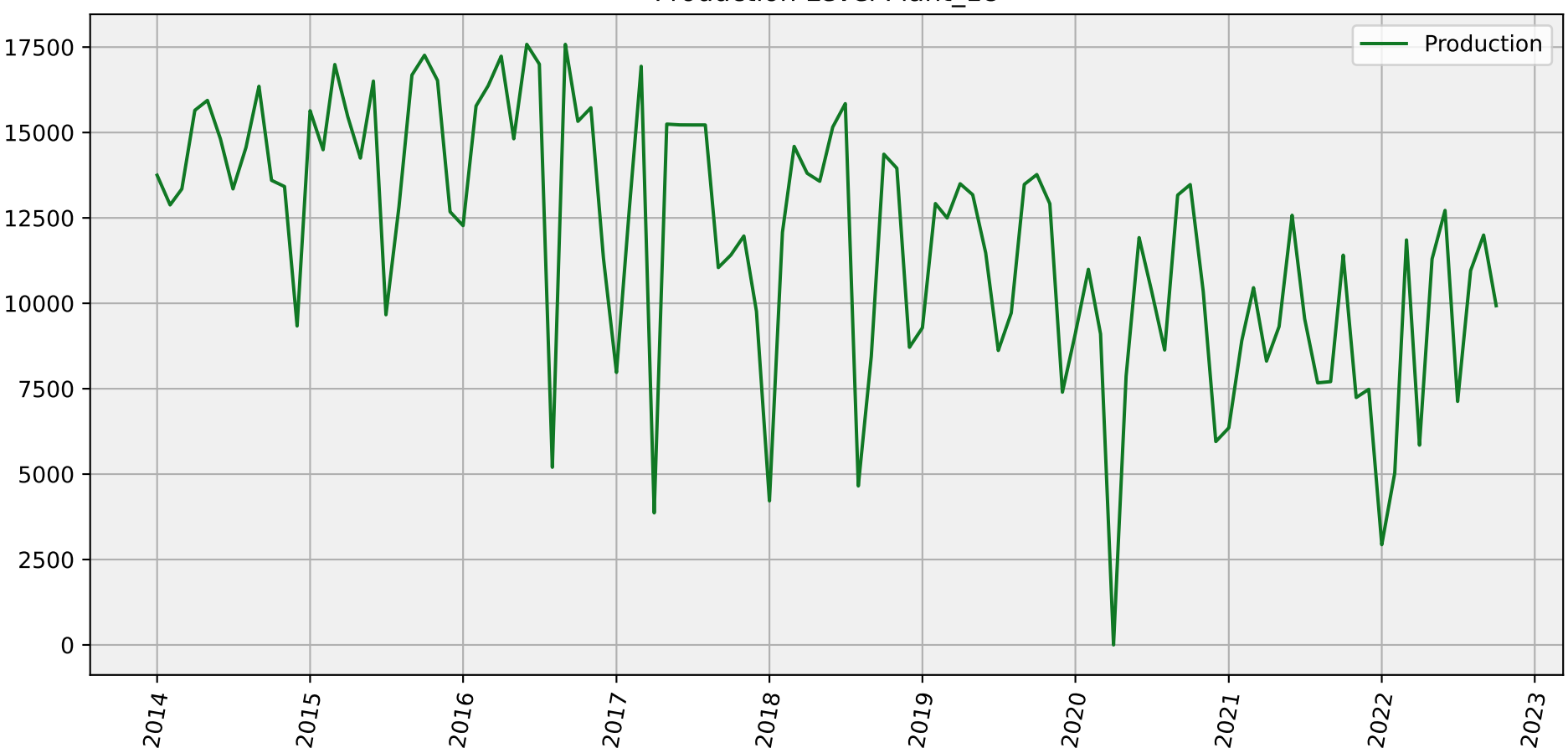
Volume/Production Ratio Provider_31-Plant_15



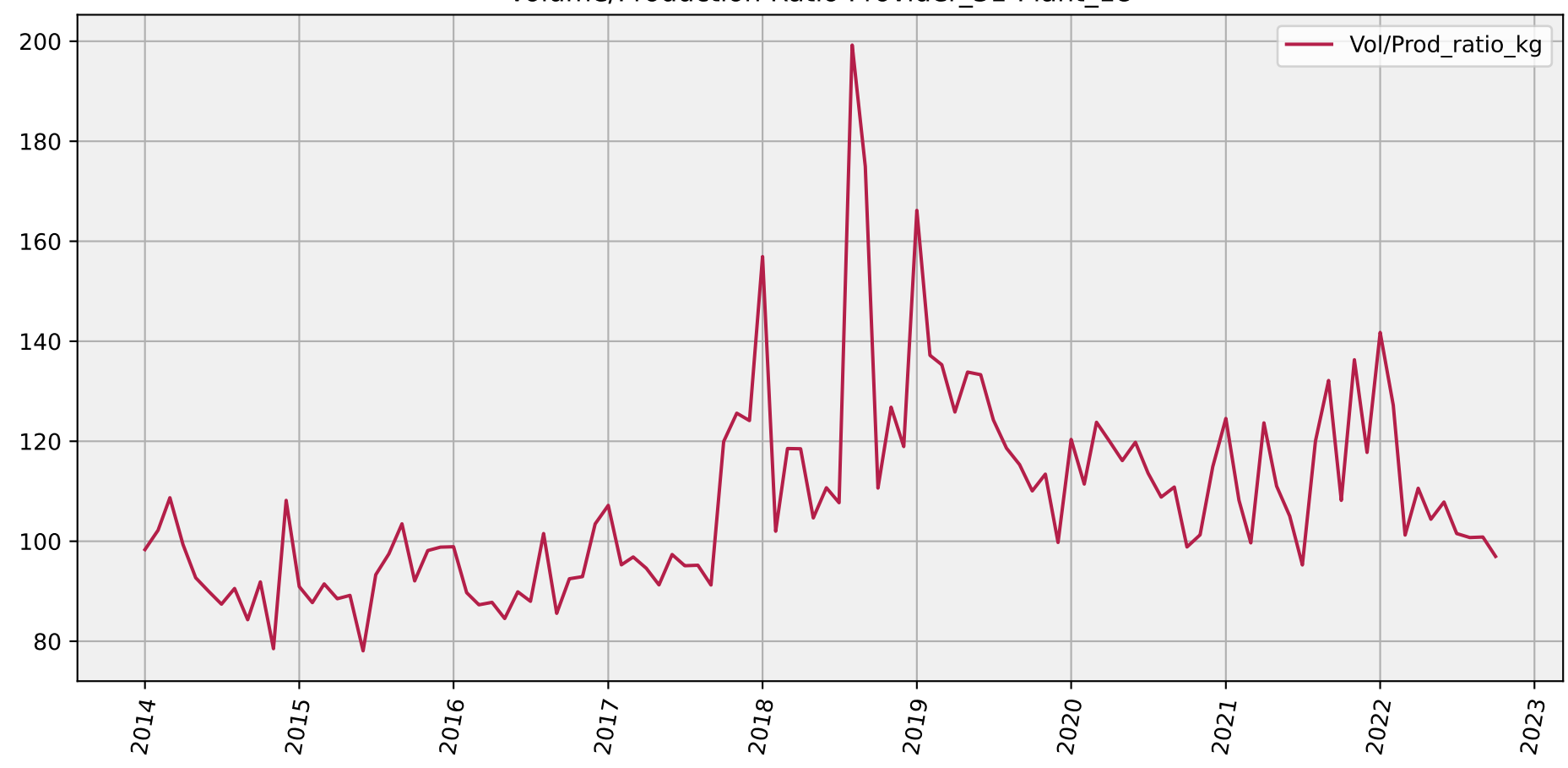
Incoming Volume Provider_31-Plant_18

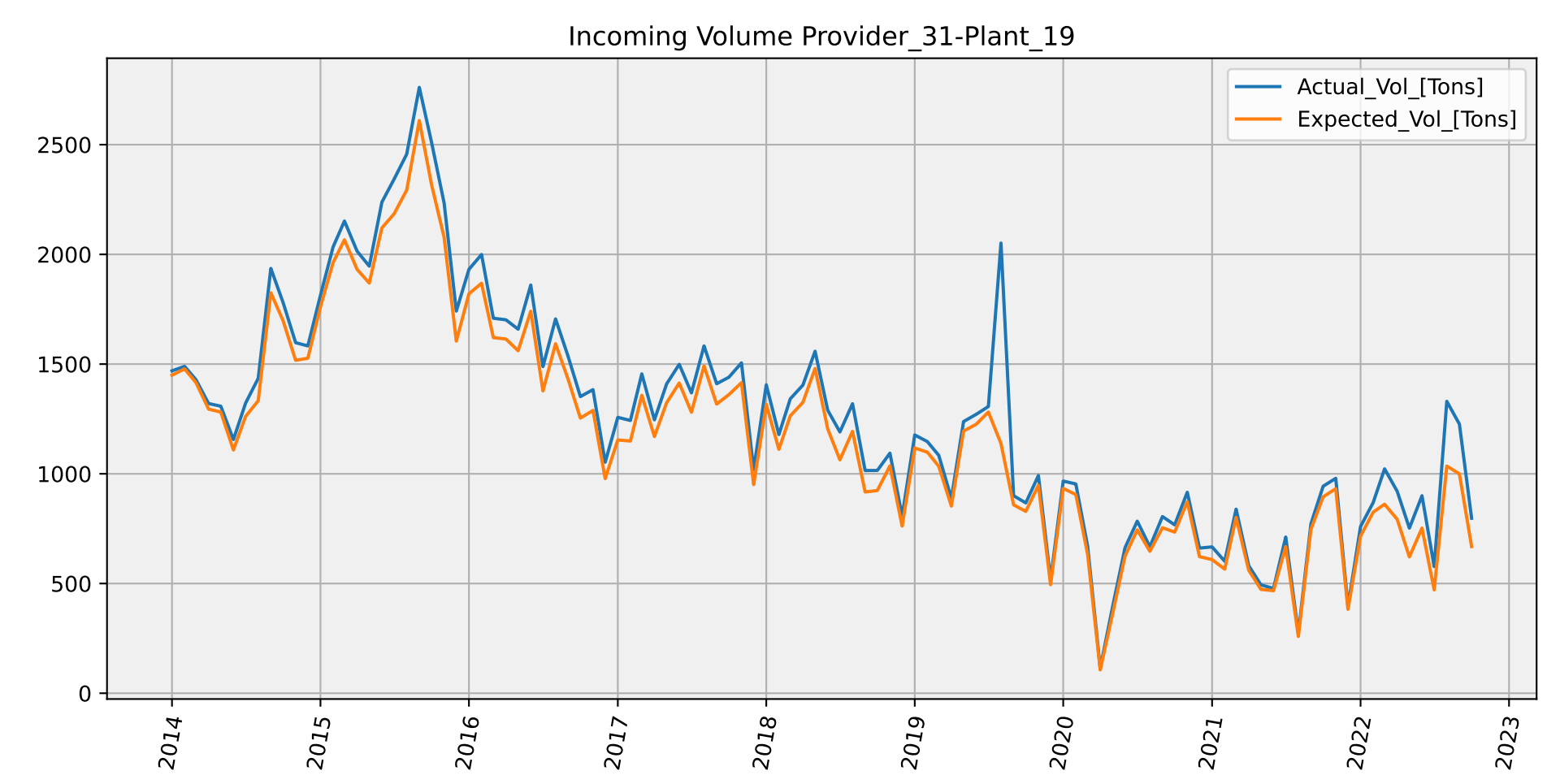


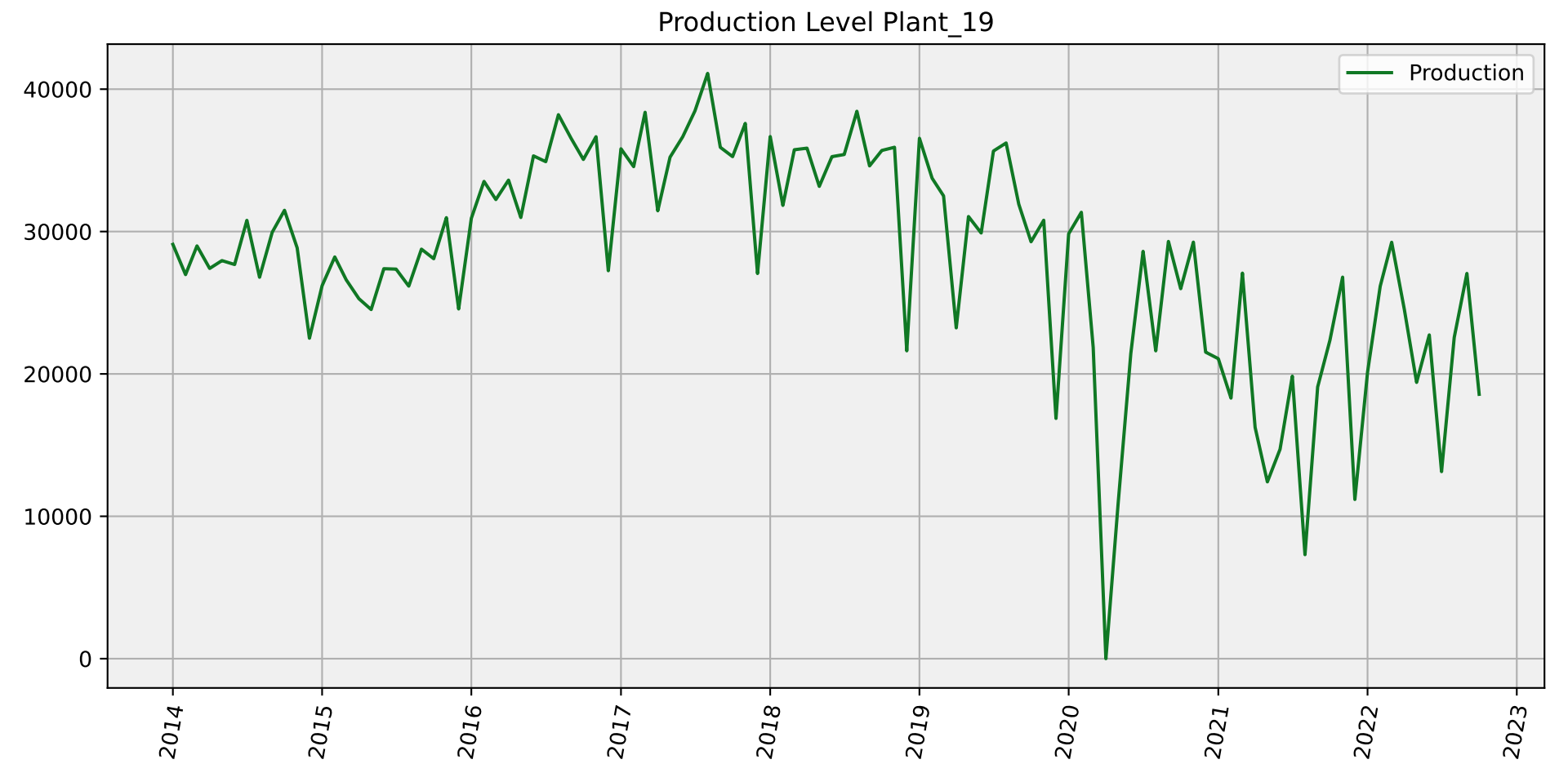
Production Level Plant_18

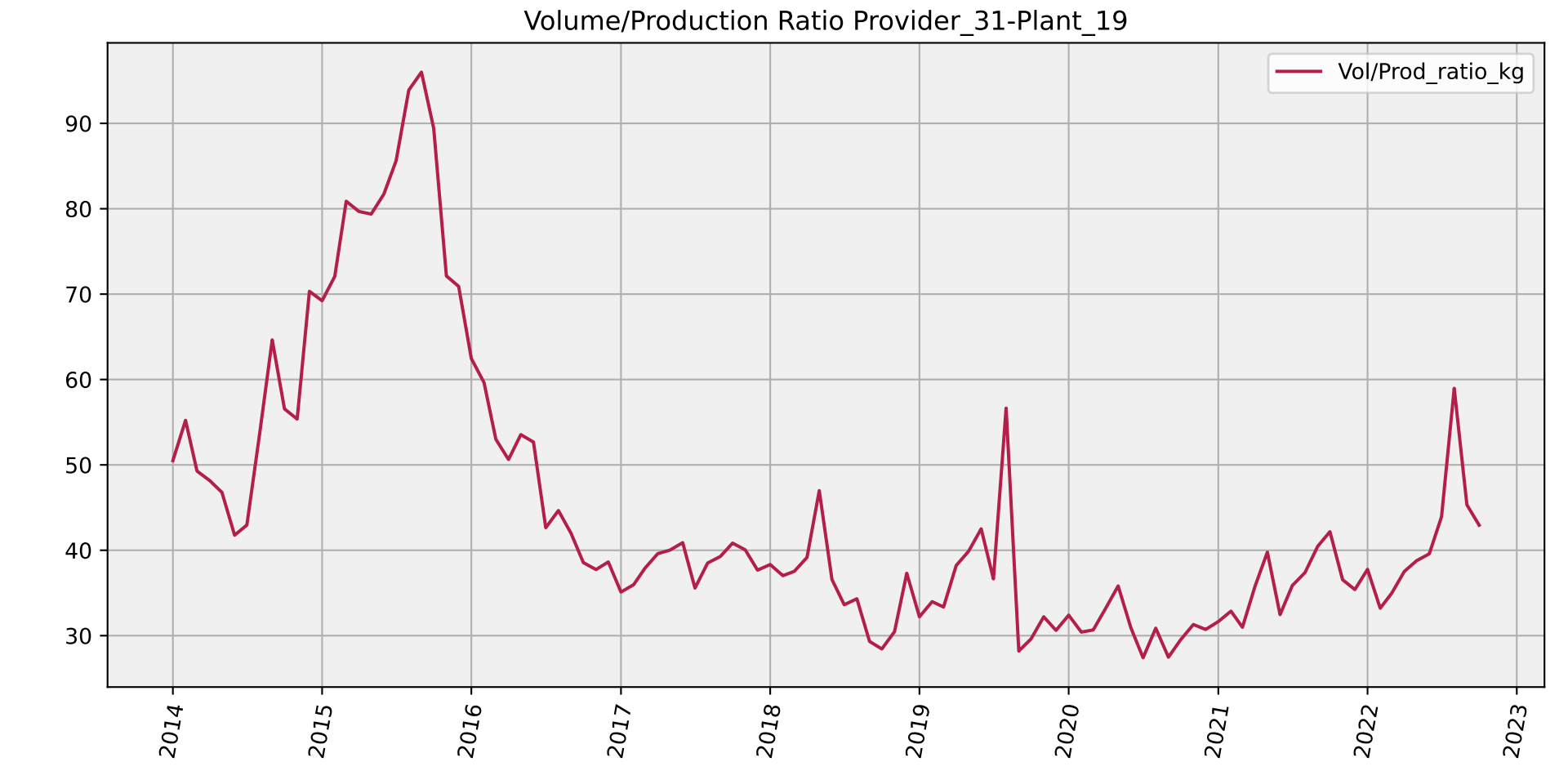


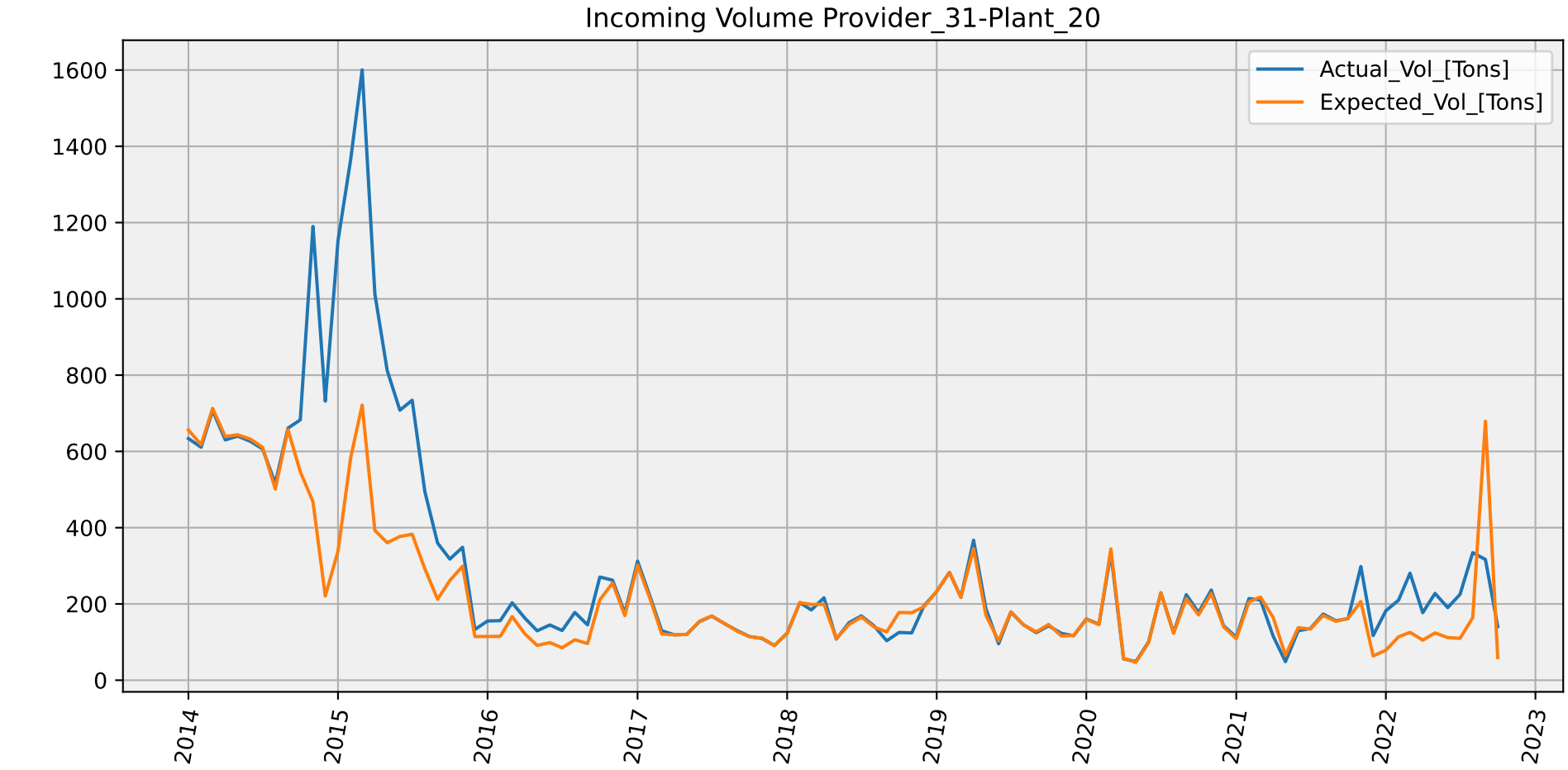
Volume/Production Ratio Provider_31-Plant_18

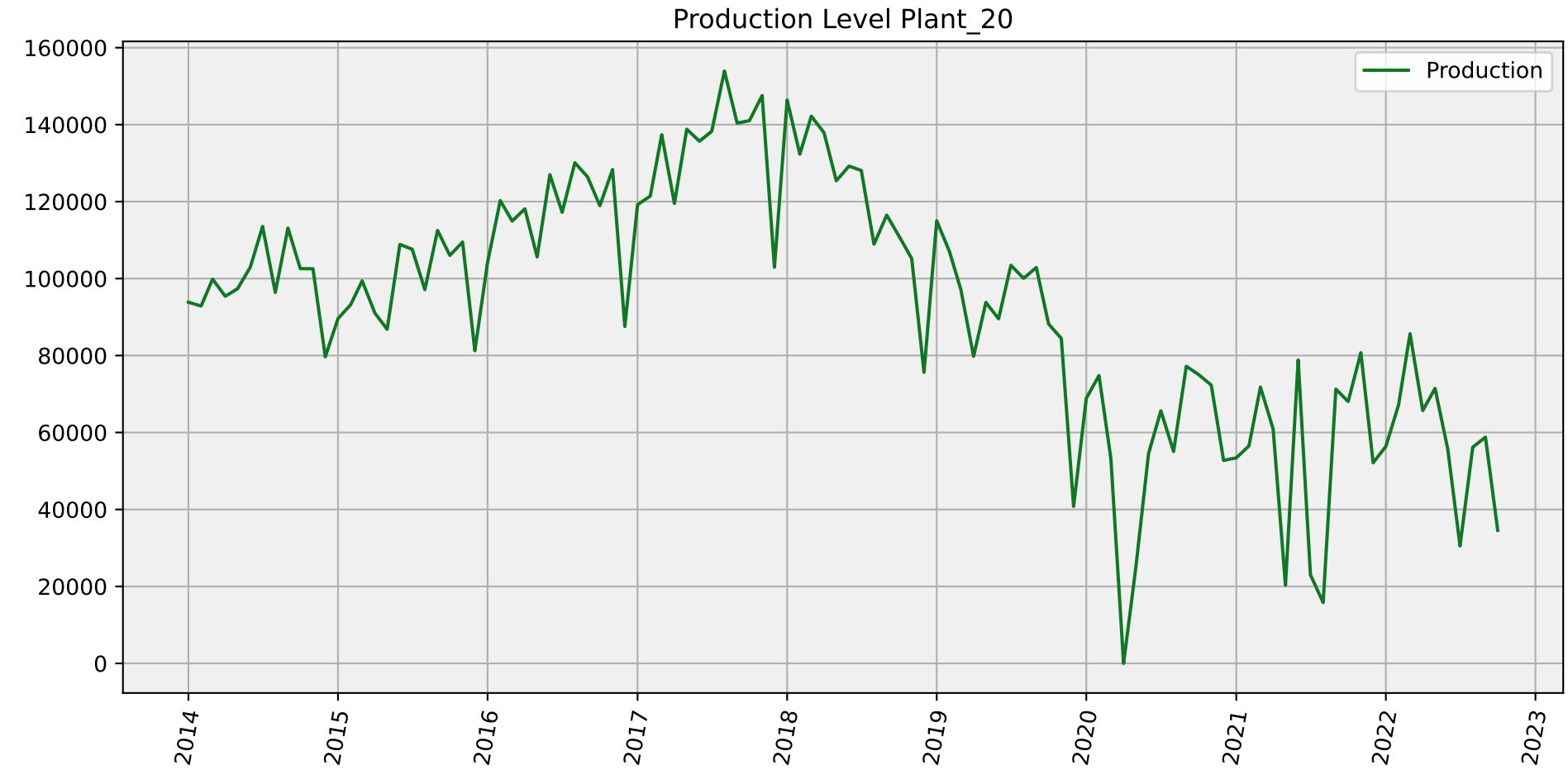


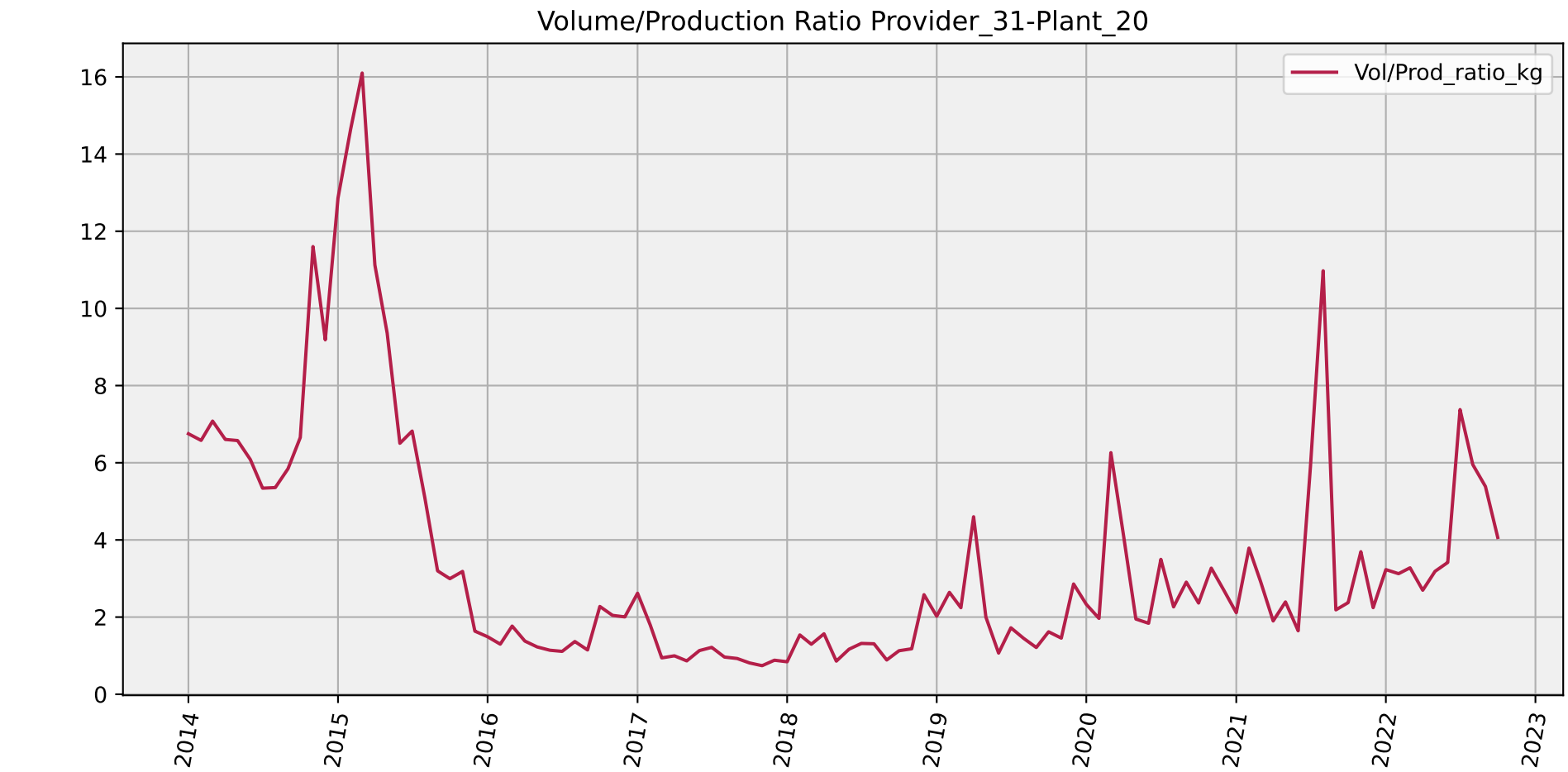

Incoming Volume Provider_31-Plant_19
Actual_Vol_[Tons]
Expected_Vol_[Tons]
2500
2000
1500
1000
500
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

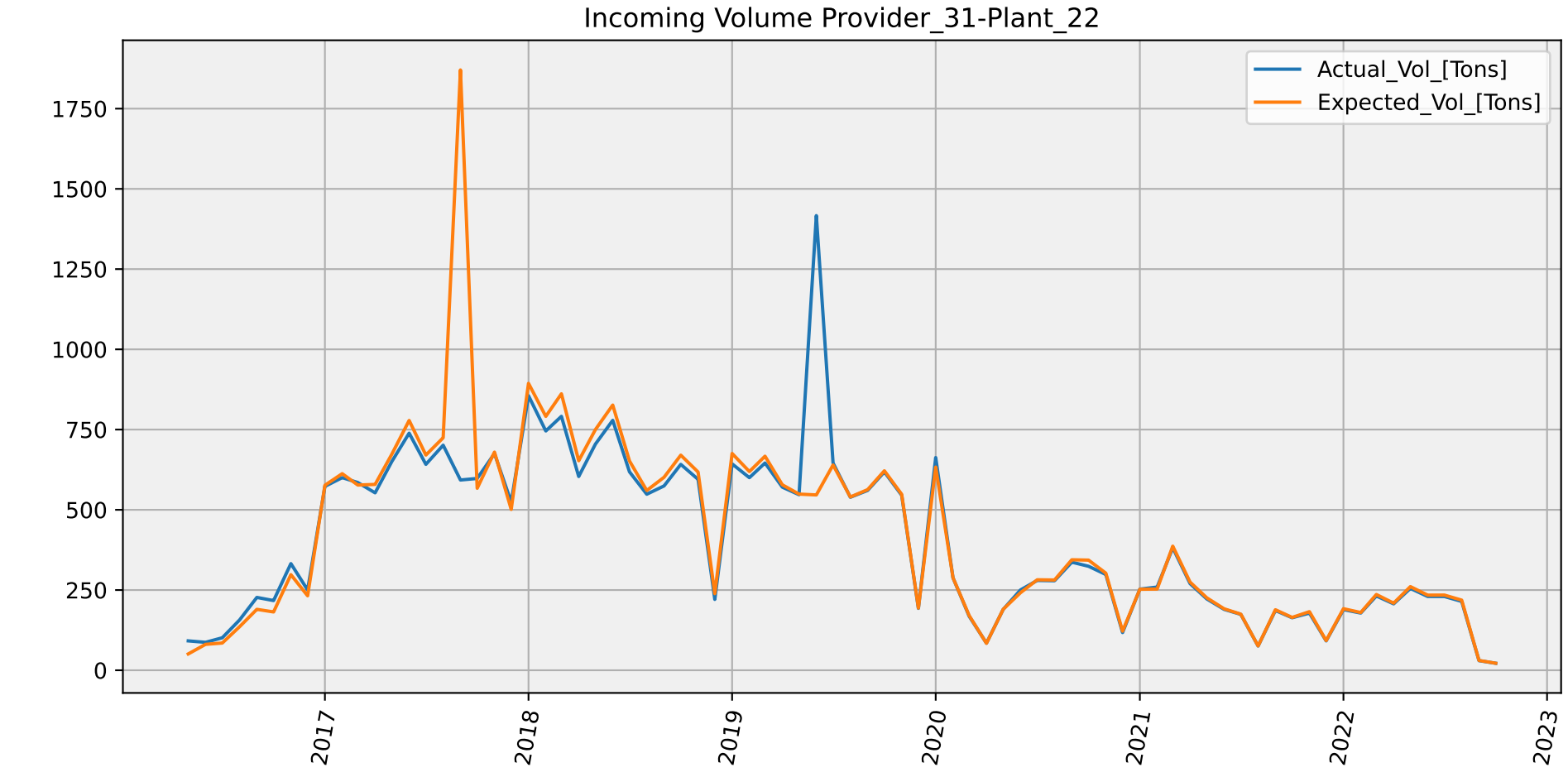

Production Level Plant_19
Production
40000
30000
20000
10000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

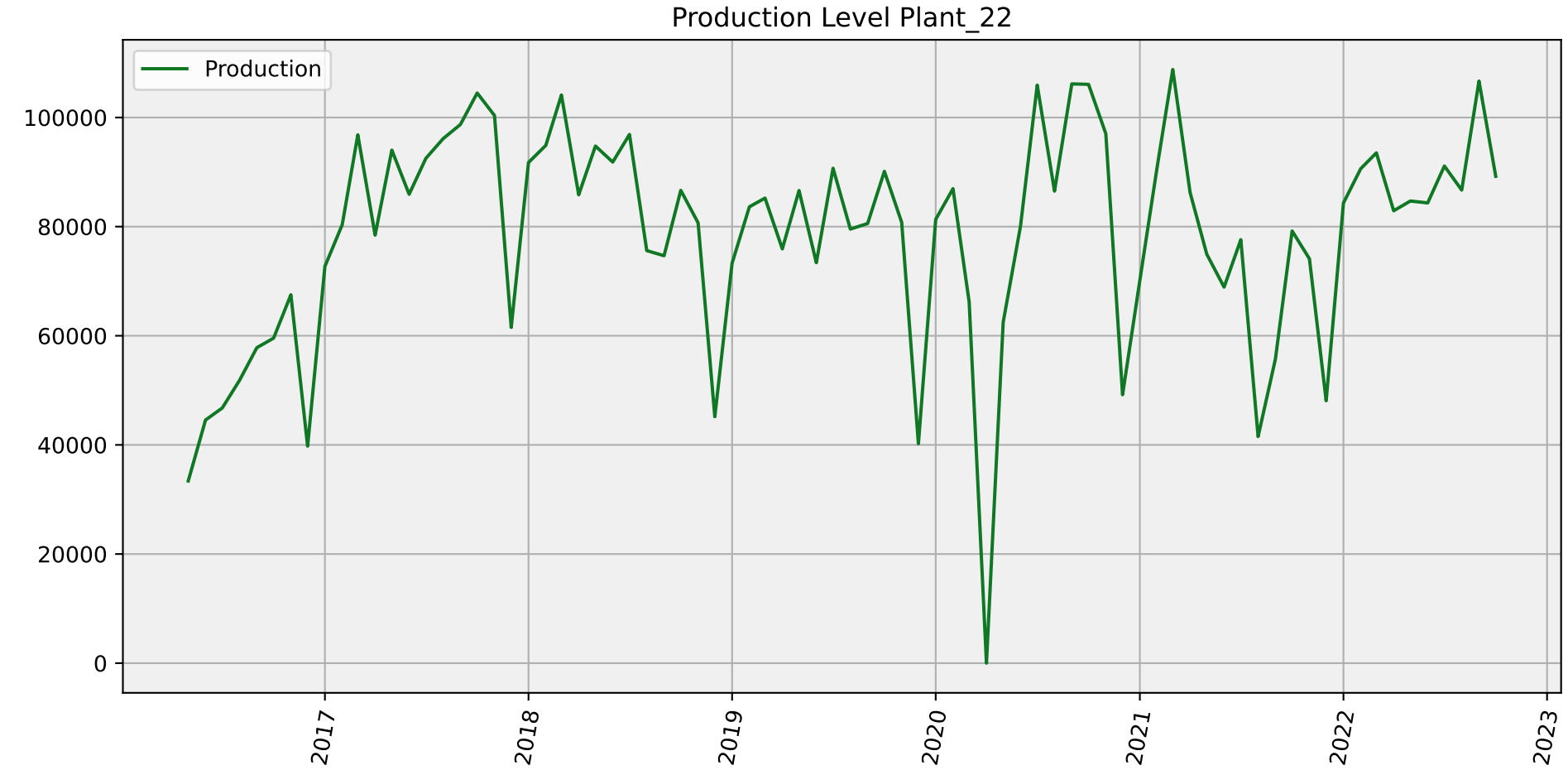

Volume/Production Ratio Provider_31-Plant_19
Vol/Prod_ratio_kg
90
80
70
60
50
40
30
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

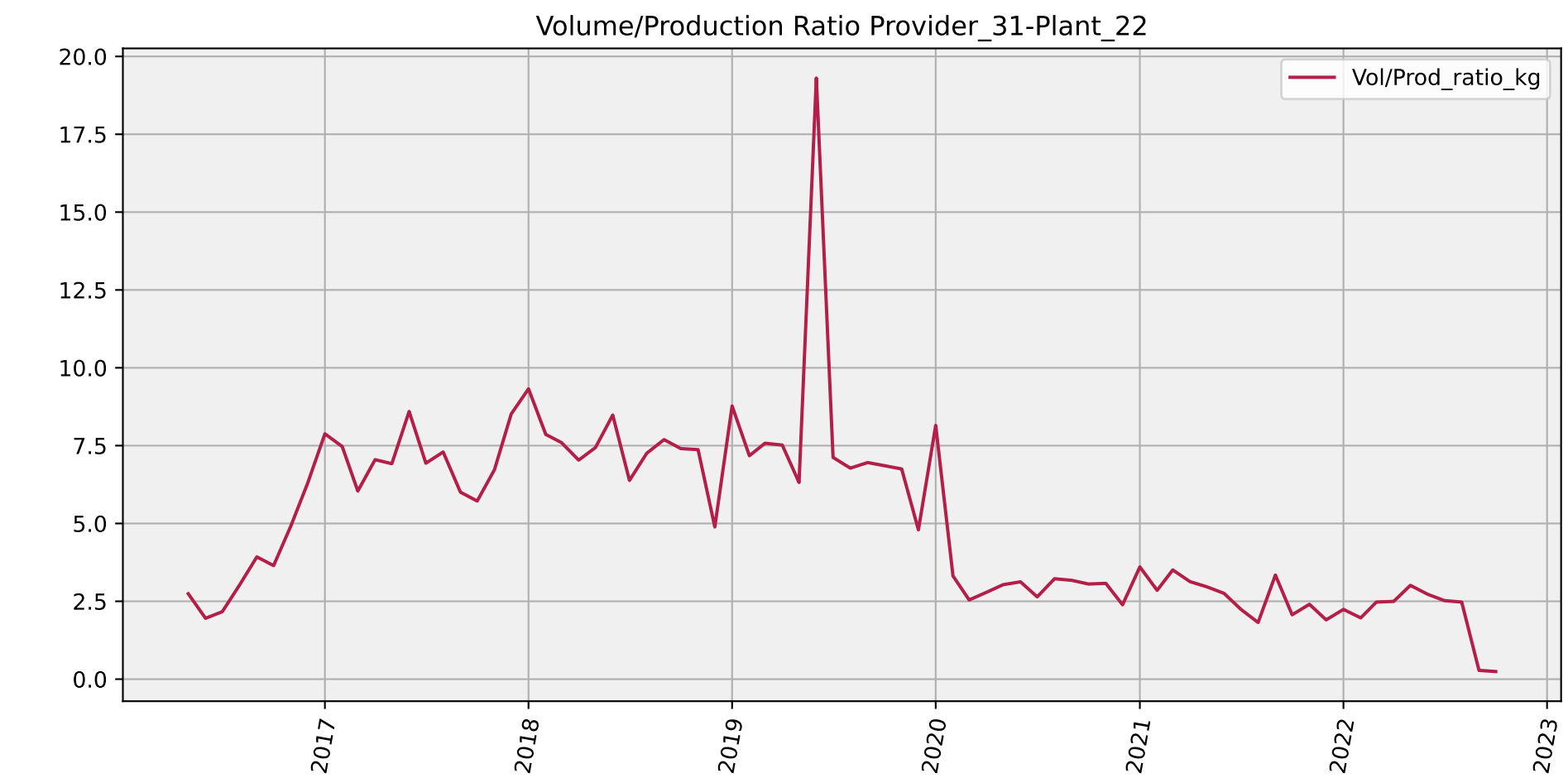

Incoming Volume Provider_31-Plant_20
Actual_Vol_[Tons]
Expected_Vol_[Tons]
0
200
400
600
800
1000
1200
1400
1600
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Production Level Plant_20
Production
0
20000
40000
60000
80000
100000
120000
140000
160000
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

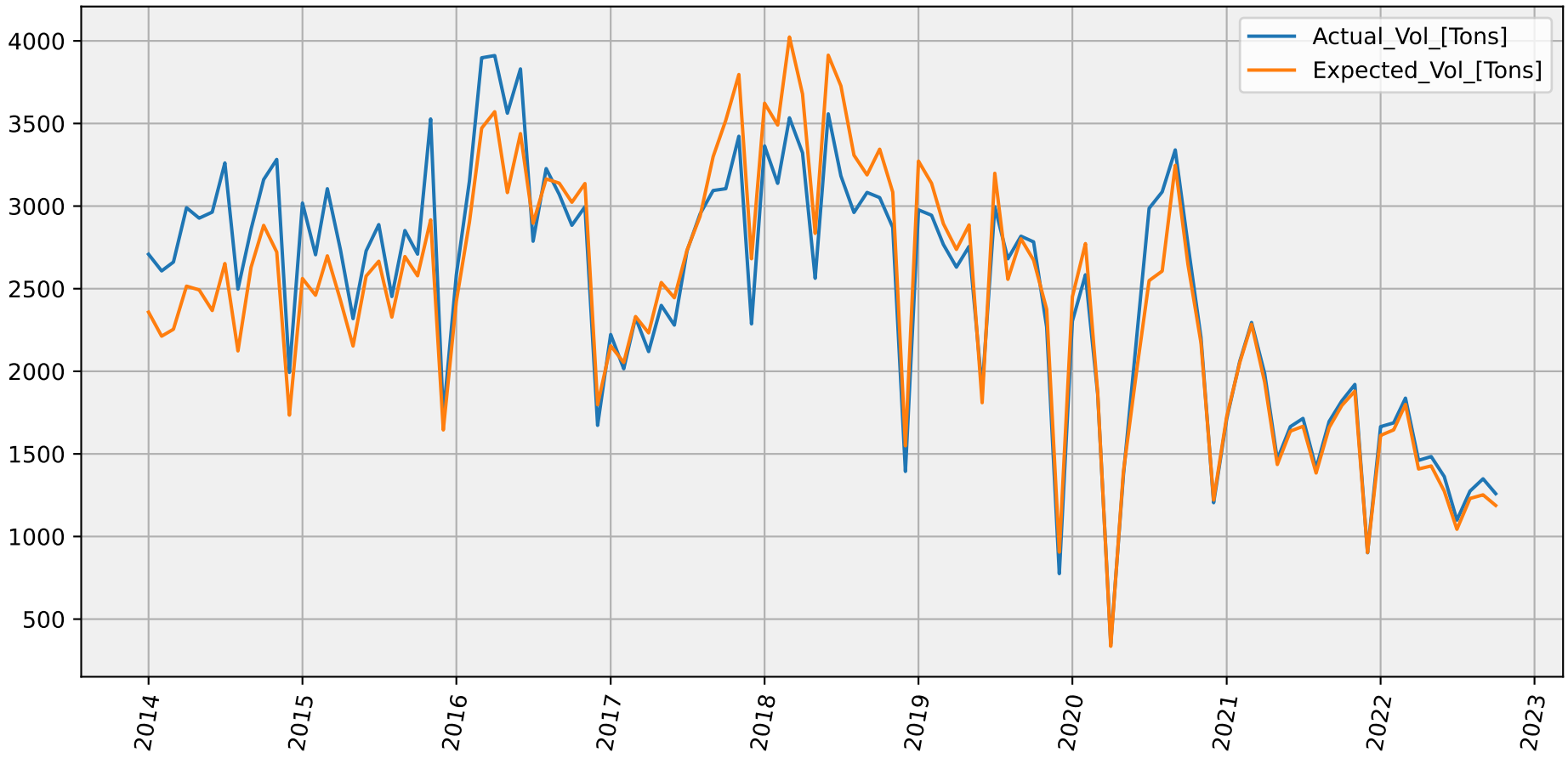

Volume/Production Ratio Provider_31-Plant_20
Vol/Prod_ratio_kg
0
2
4
6
8
10
12
14
16
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Incoming Volume Provider_31-Plant_22
Actual_Vol_[Tons]
Expected_Vol_[Tons]
1750
1500
1250
1000
750
500
250
0
2017
2018
2019
2020
2021
2022
2023

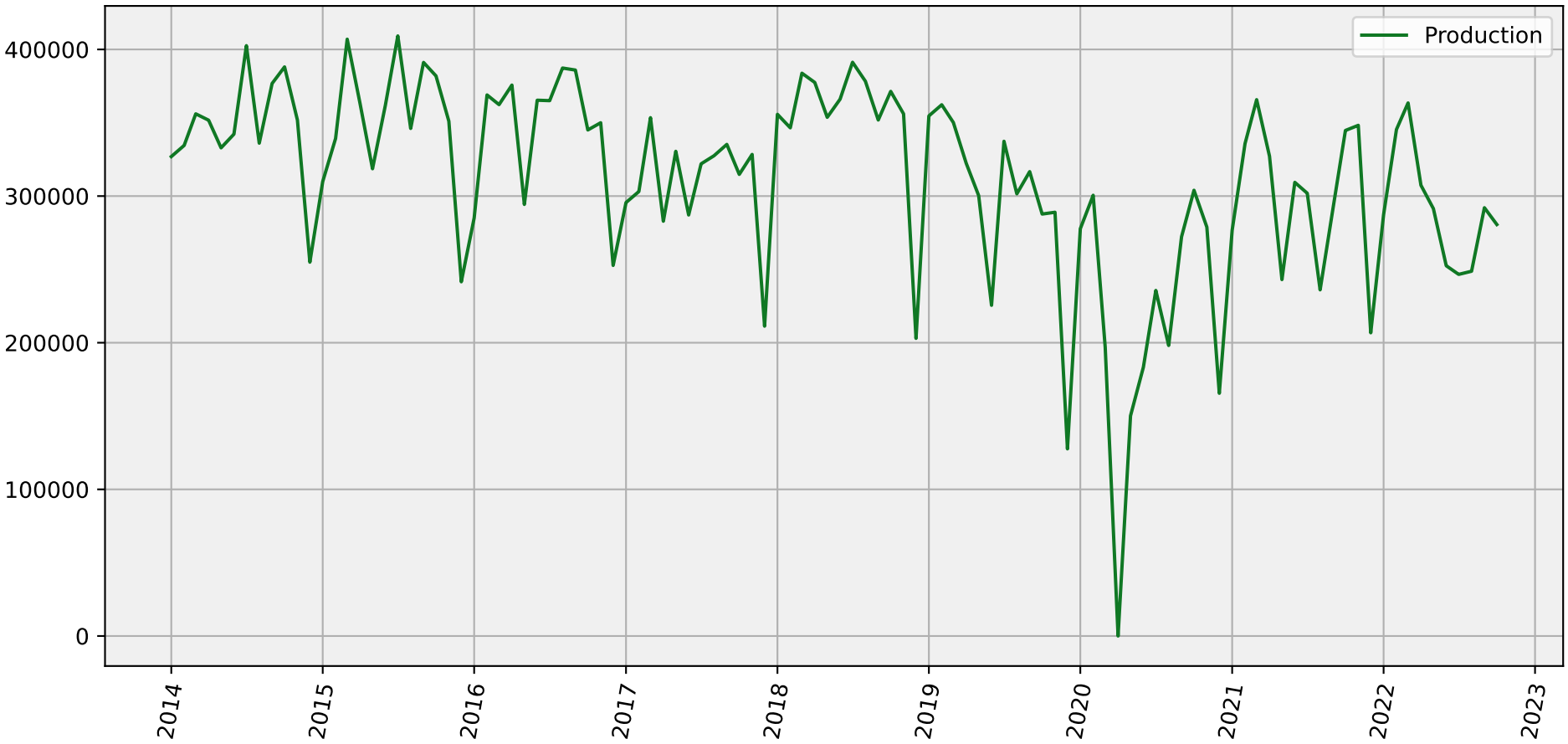

Production Level Plant_22
Production
100000
80000
60000
40000
20000
0
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_31-Plant_22
Vol/Prod_ratio_kg
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
2017
2018
2019
2020
2021
2022
2023

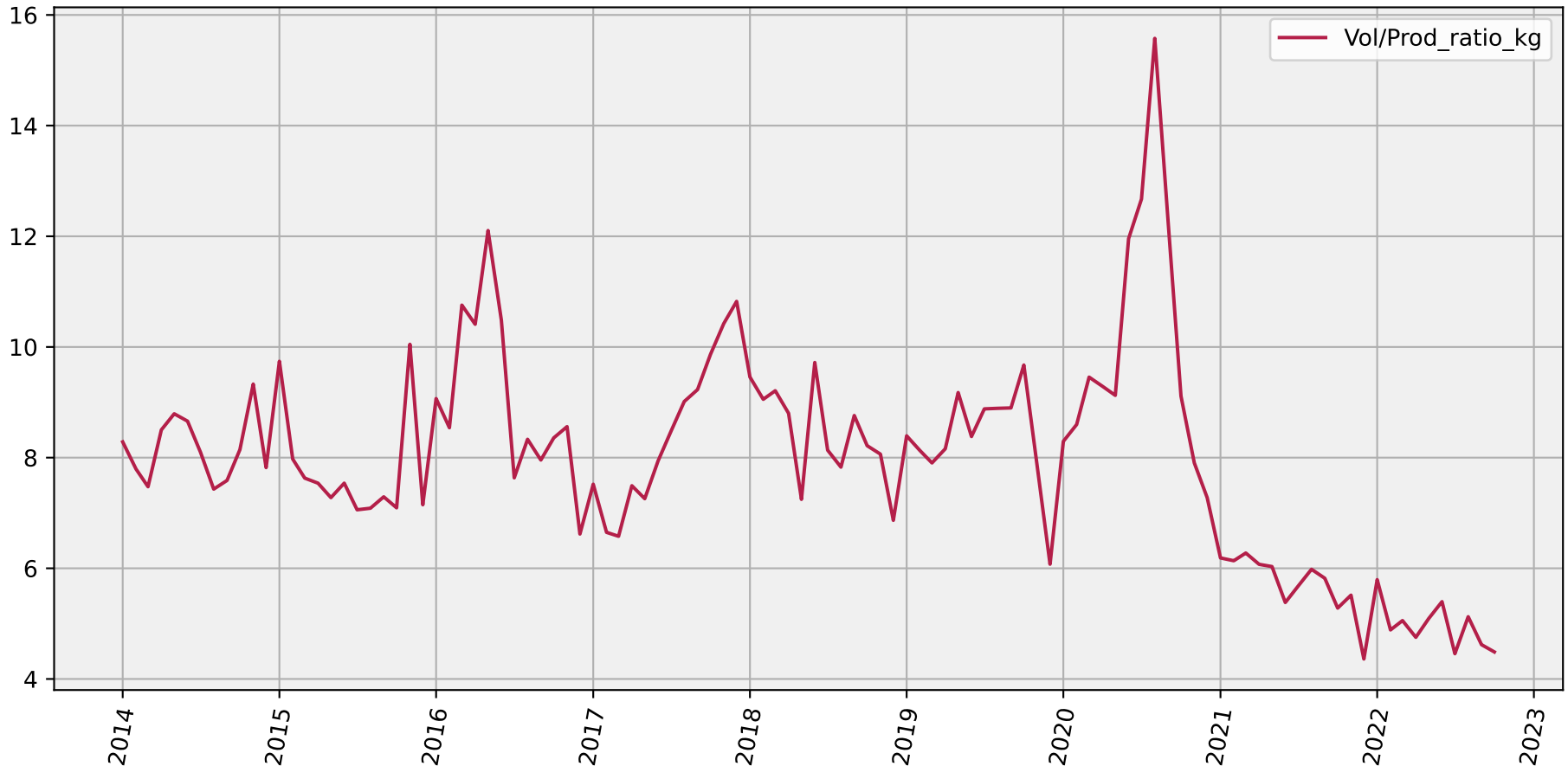
Incoming Volume Provider_31-Plant_4

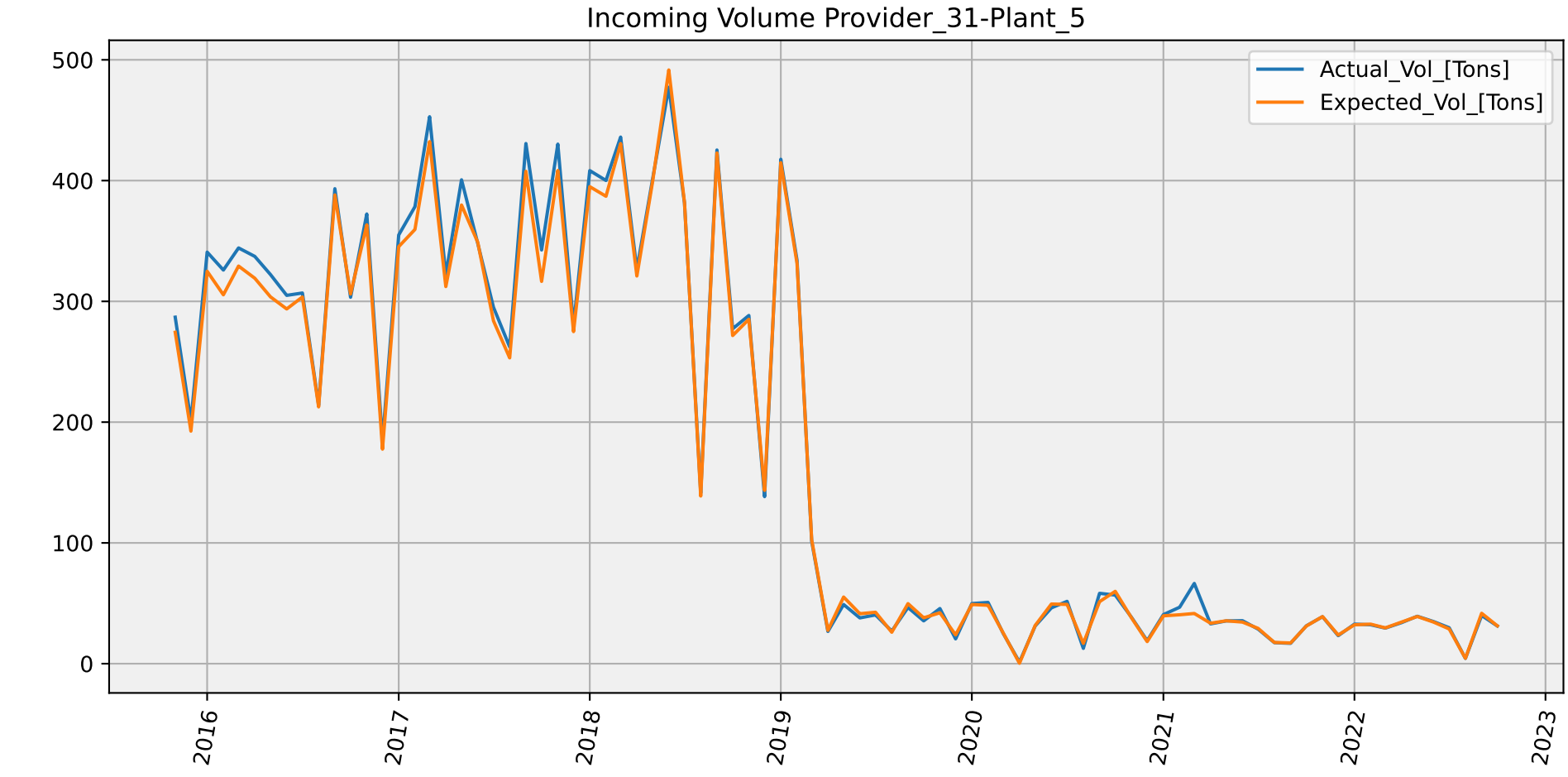


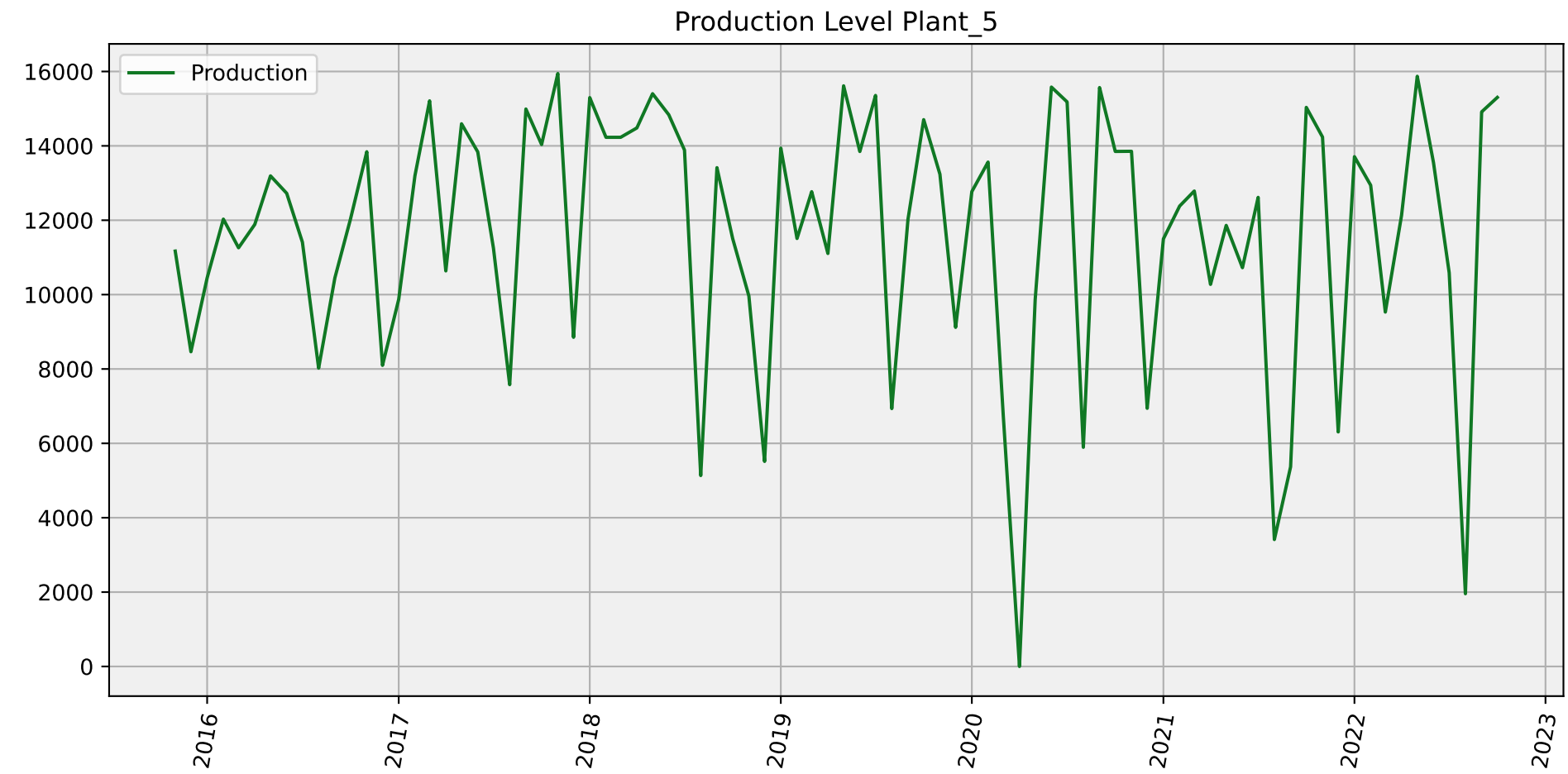
Production Level Plant_4

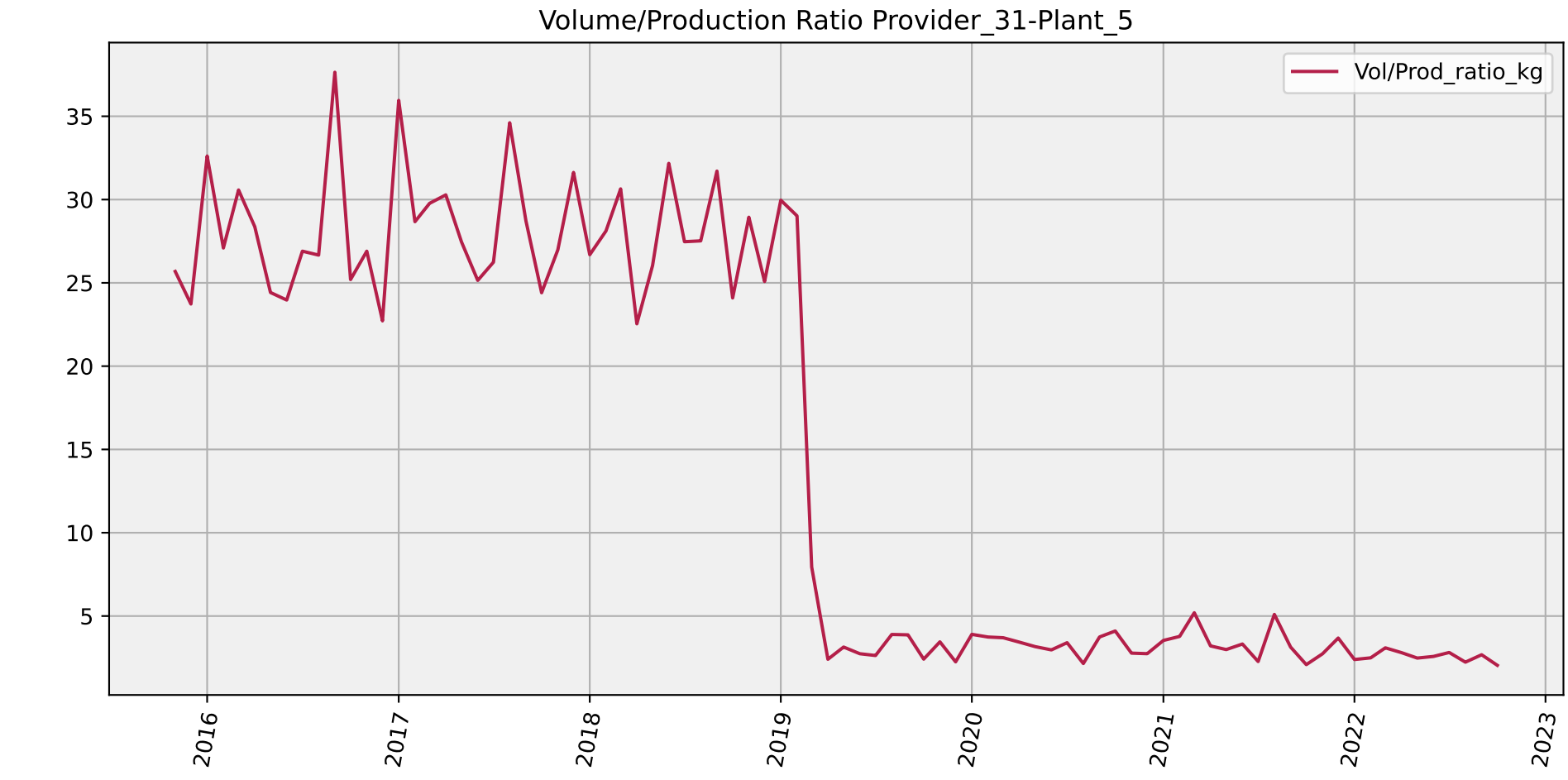


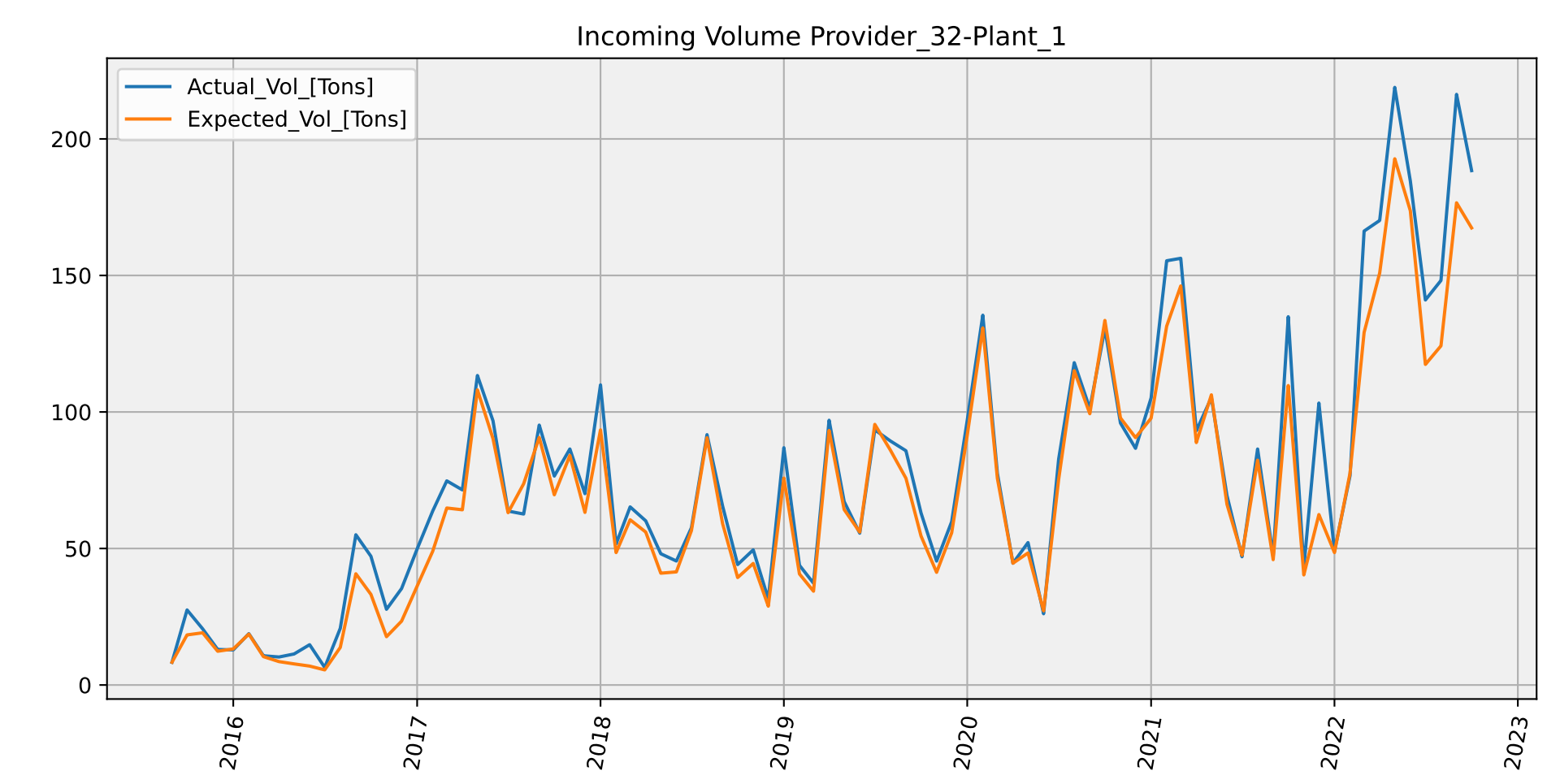
Volume/Production Ratio Provider_31-Plant_4

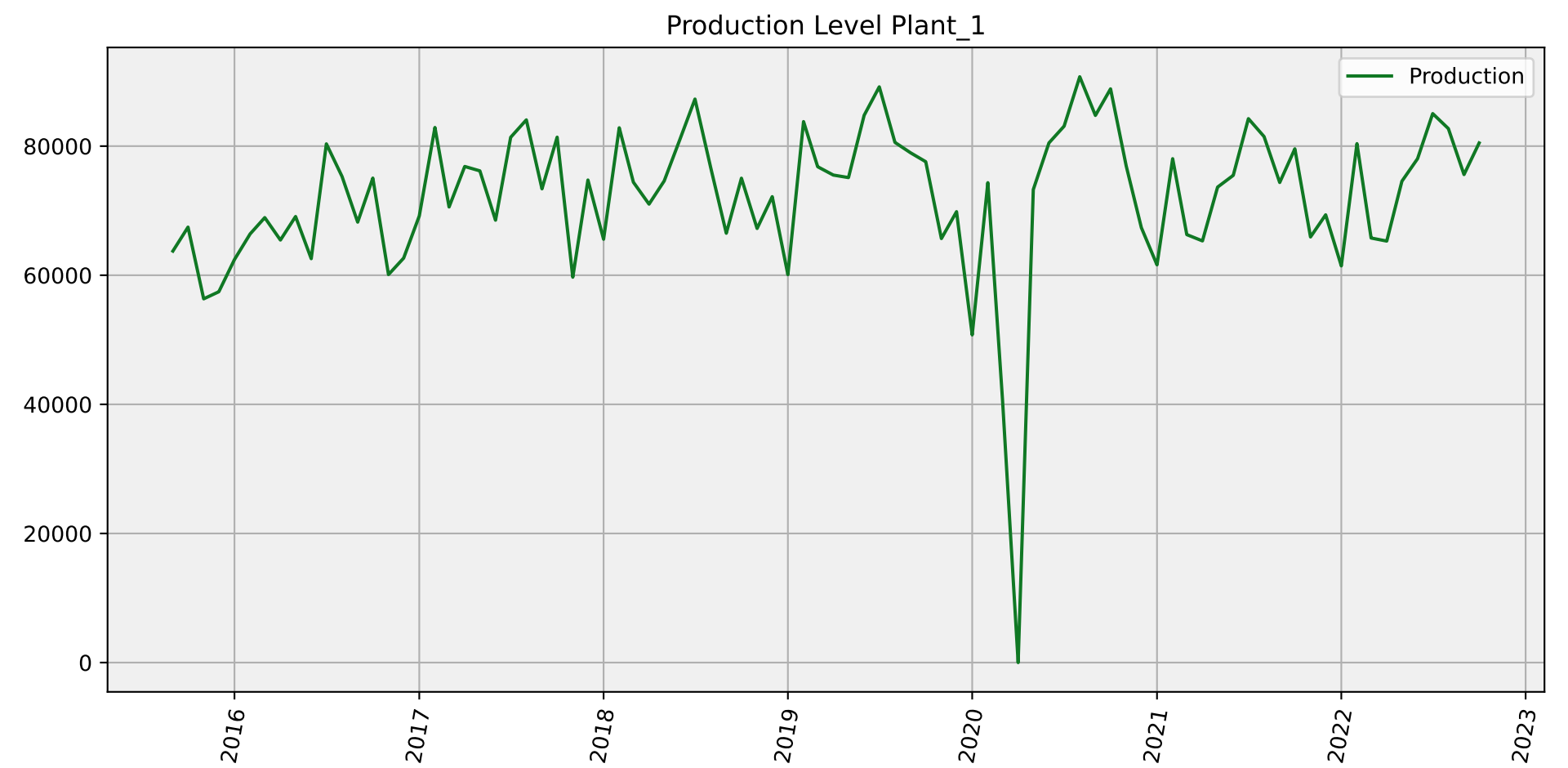


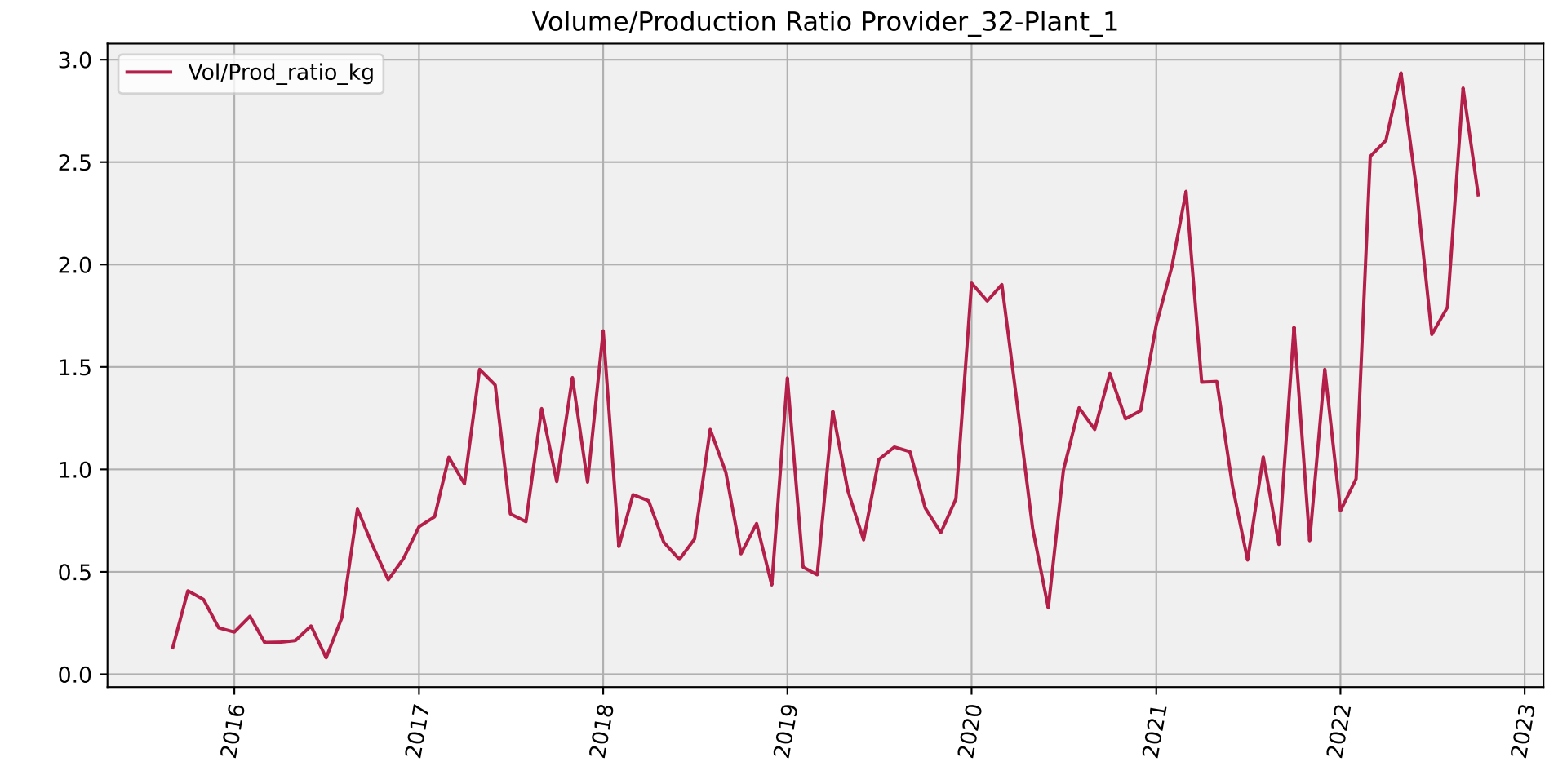

Incoming Volume Provider_31-Plant_5
Actual_Vol_[Tons]
Expected_Vol_[Tons]
500
400
300
200
100
0
2016
2017
2018
2019
2020
2021
2022
2023


Production Level Plant_5
Production
16000
14000
12000
10000
8000
6000
4000
2000
0
2016
2017
2018
2019
2020
2021
2022
2023

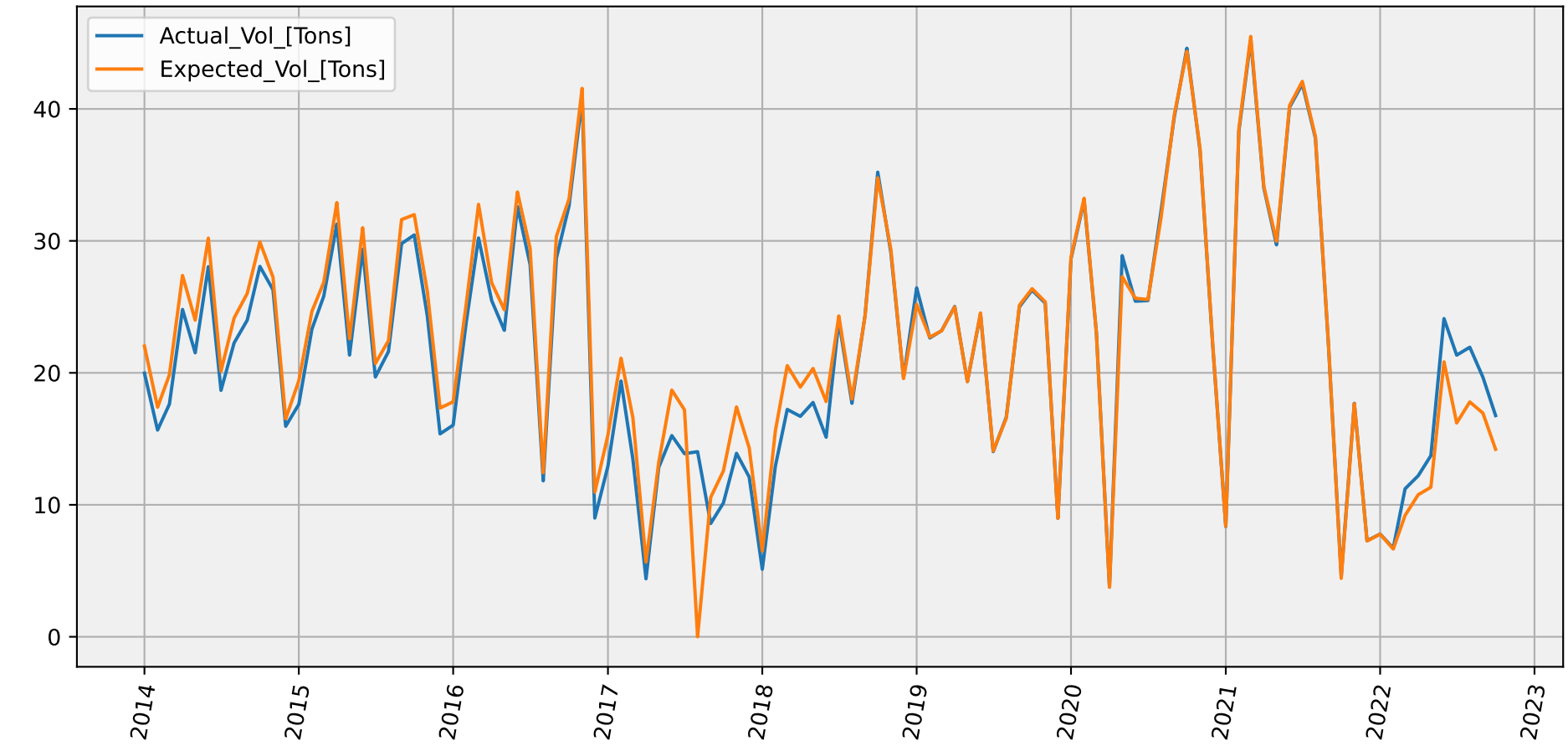

Volume/Production Ratio Provider_31-Plant_5
Vol/Prod_ratio_kg
35
30
25
20
15
10
5
2016
2017
2018
2019
2020
2021
2022
2023


Incoming Volume Provider_32-Plant_1
Actual_Vol_[Tons]
Expected_Vol_[Tons]
200
150
100
50
0
2016
2017
2018
2019
2020
2021
2022
2023

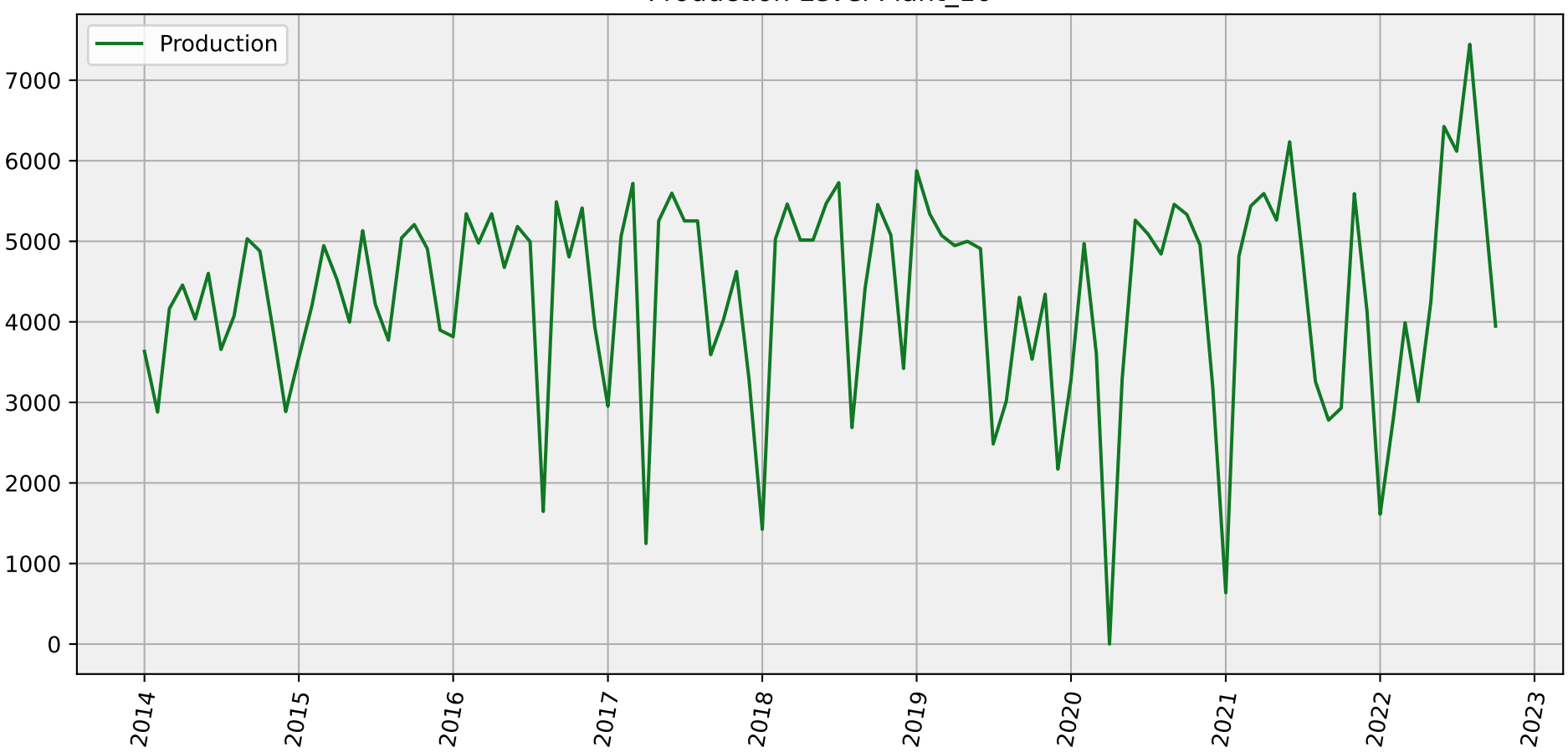

Production Level Plant_1
Production
80000
60000
40000
20000
0
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_32-Plant_1
Vol/Prod_ratio_kg
3.0
2.5
2.0
1.5
1.0
0.5
0.0
2016
2017
2018
2019
2020
2021
2022
2023

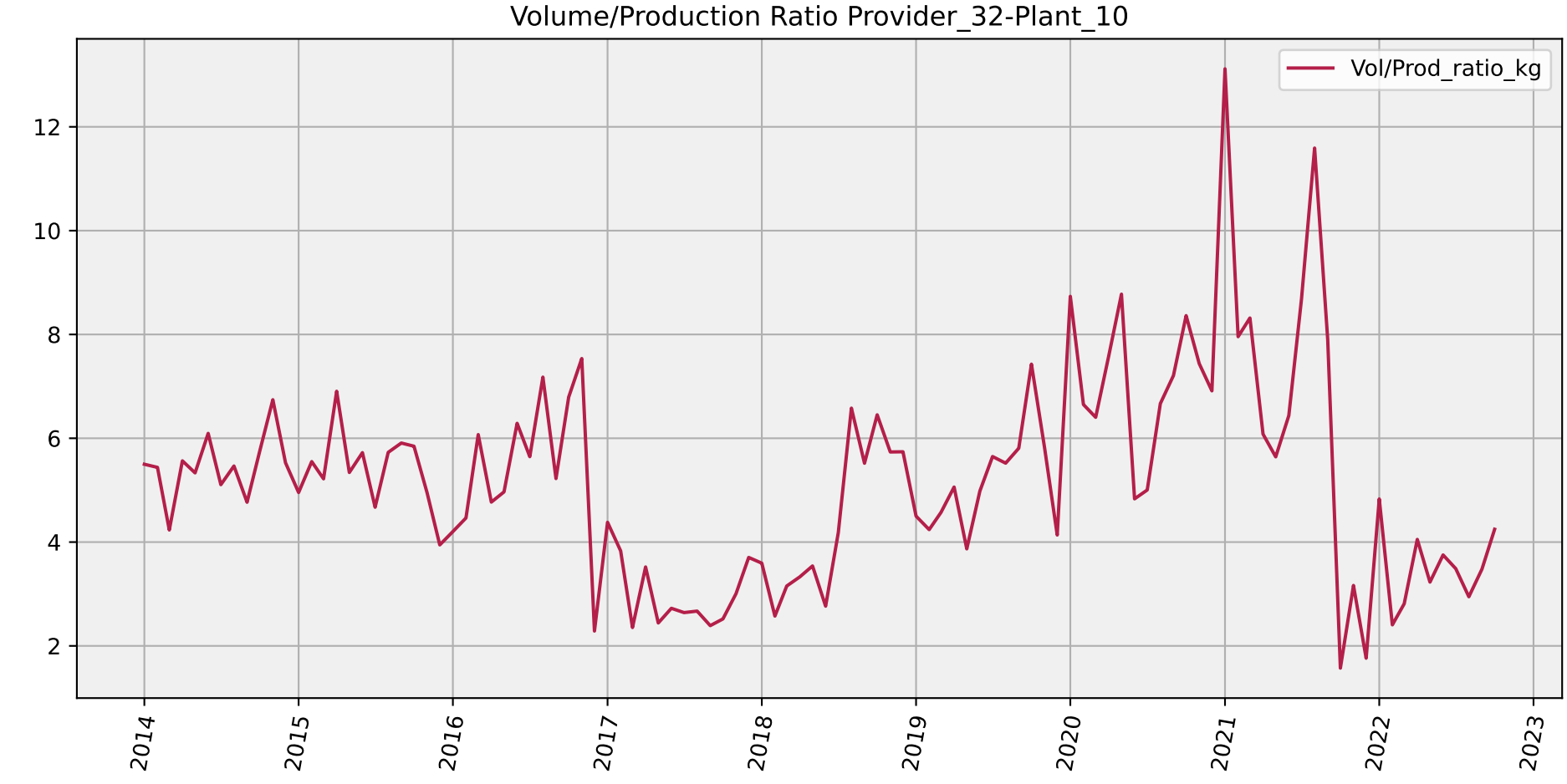
Incoming Volume Provider_32-Plant_10

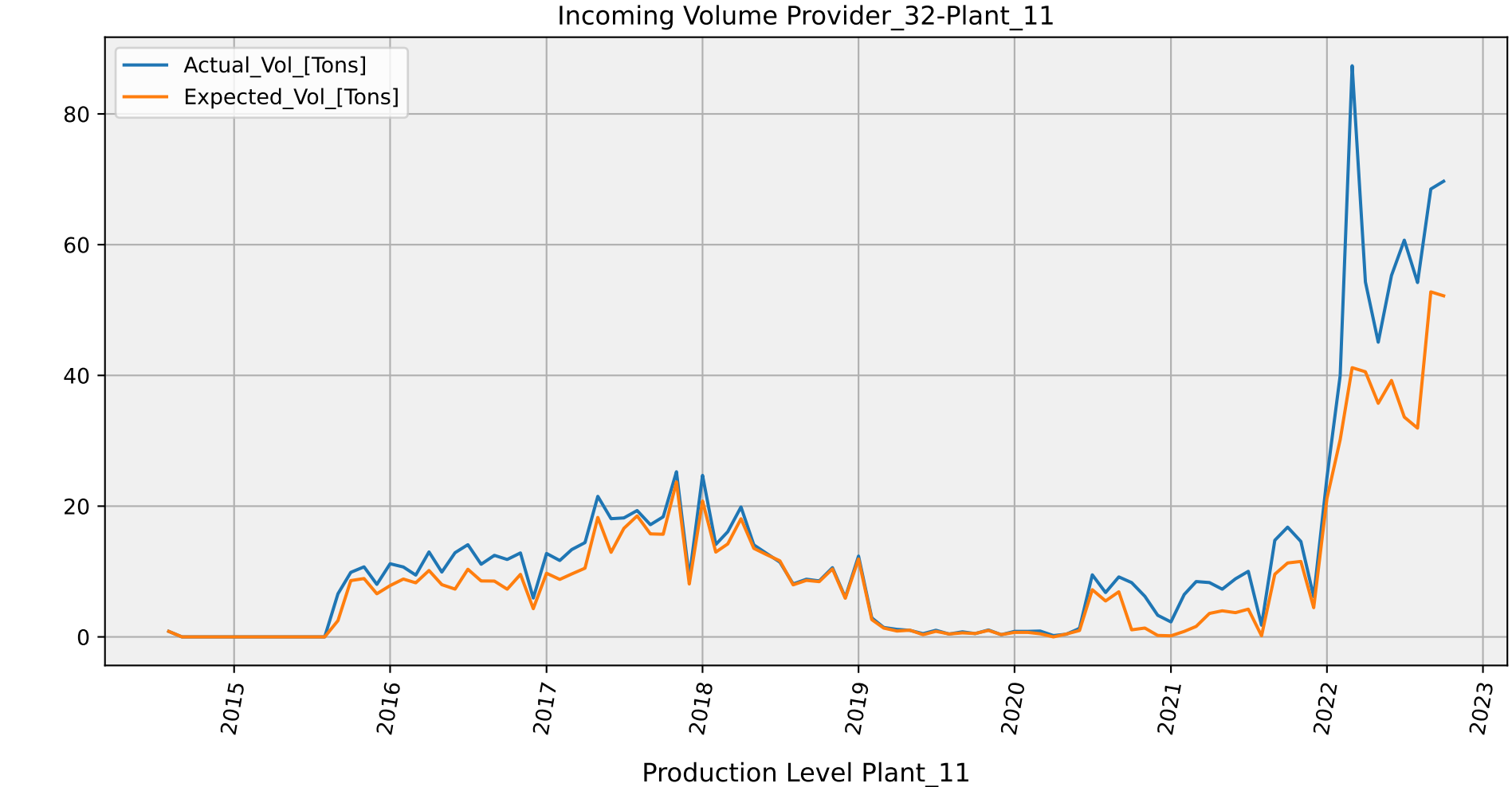


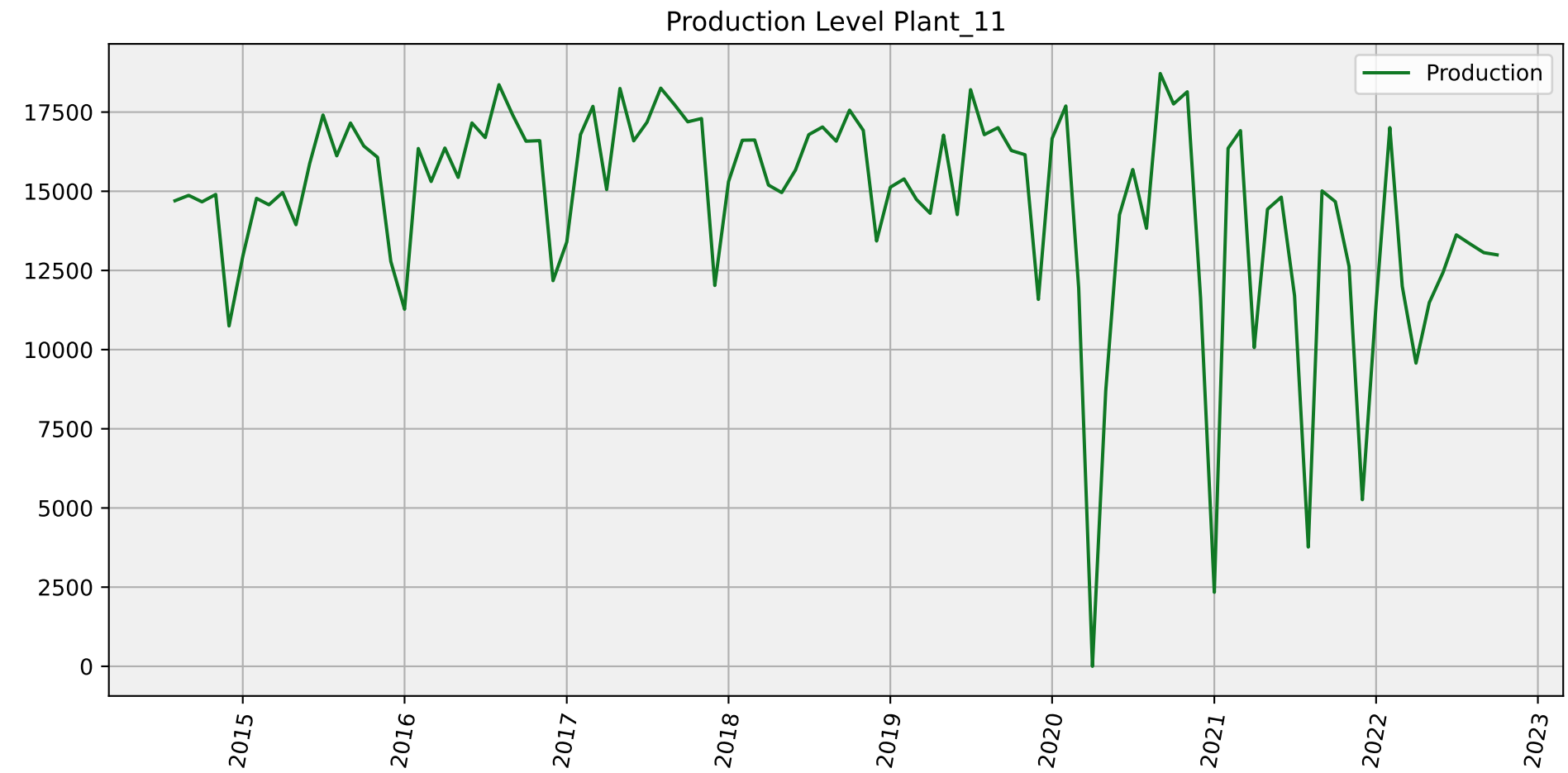
Production Level Plant_10

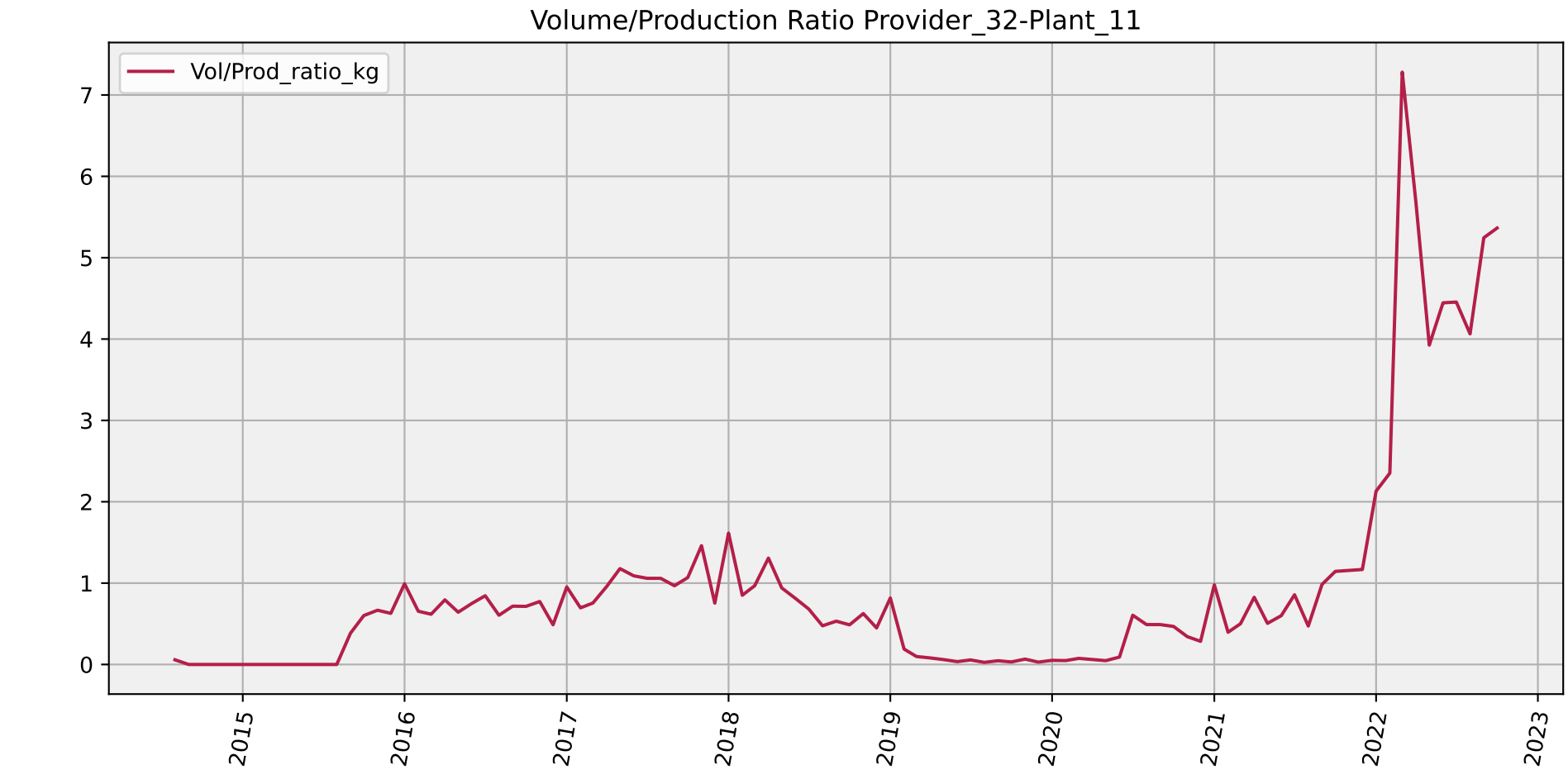


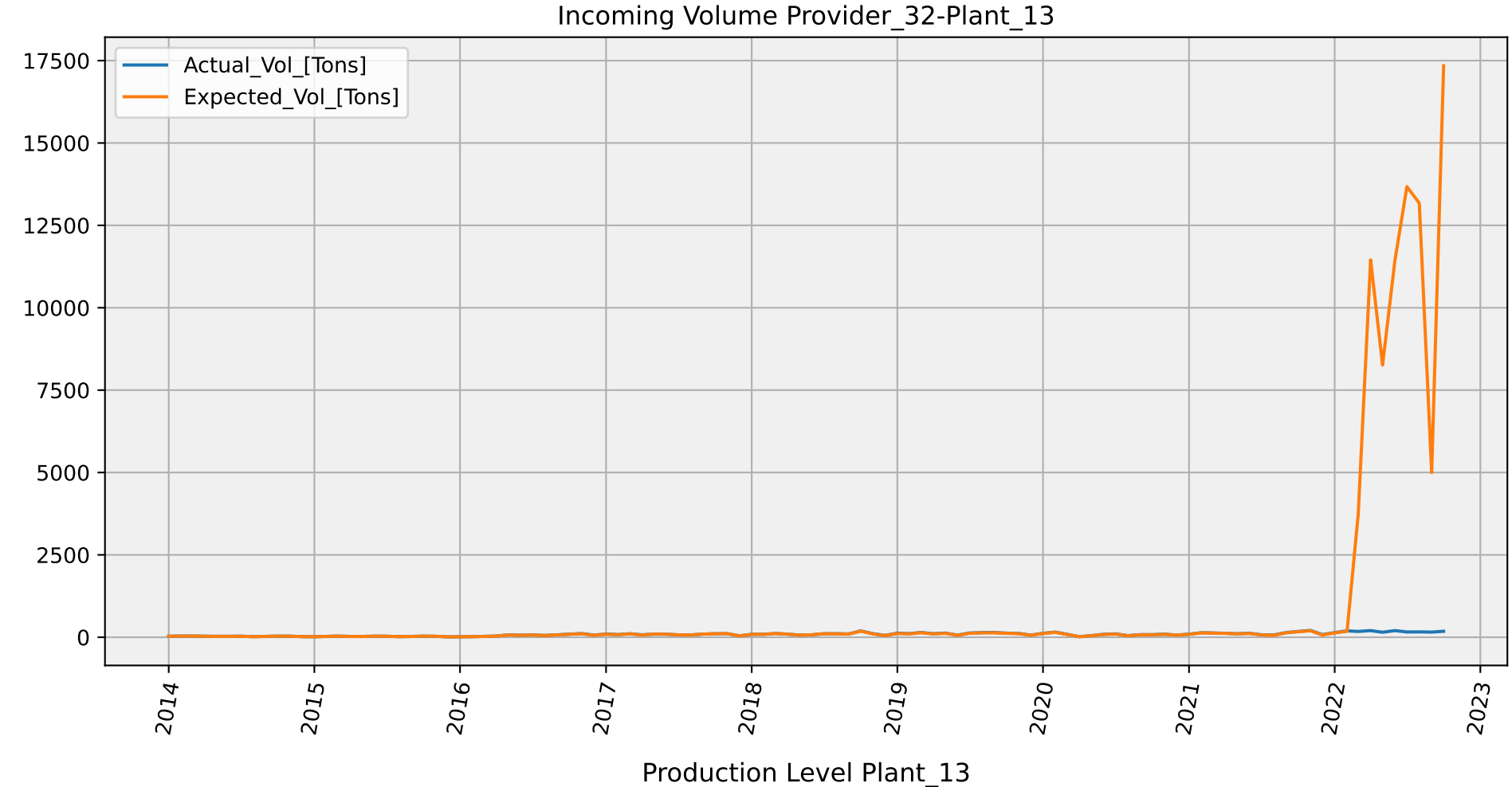
Volume/Production Ratio Provider_32-Plant_10

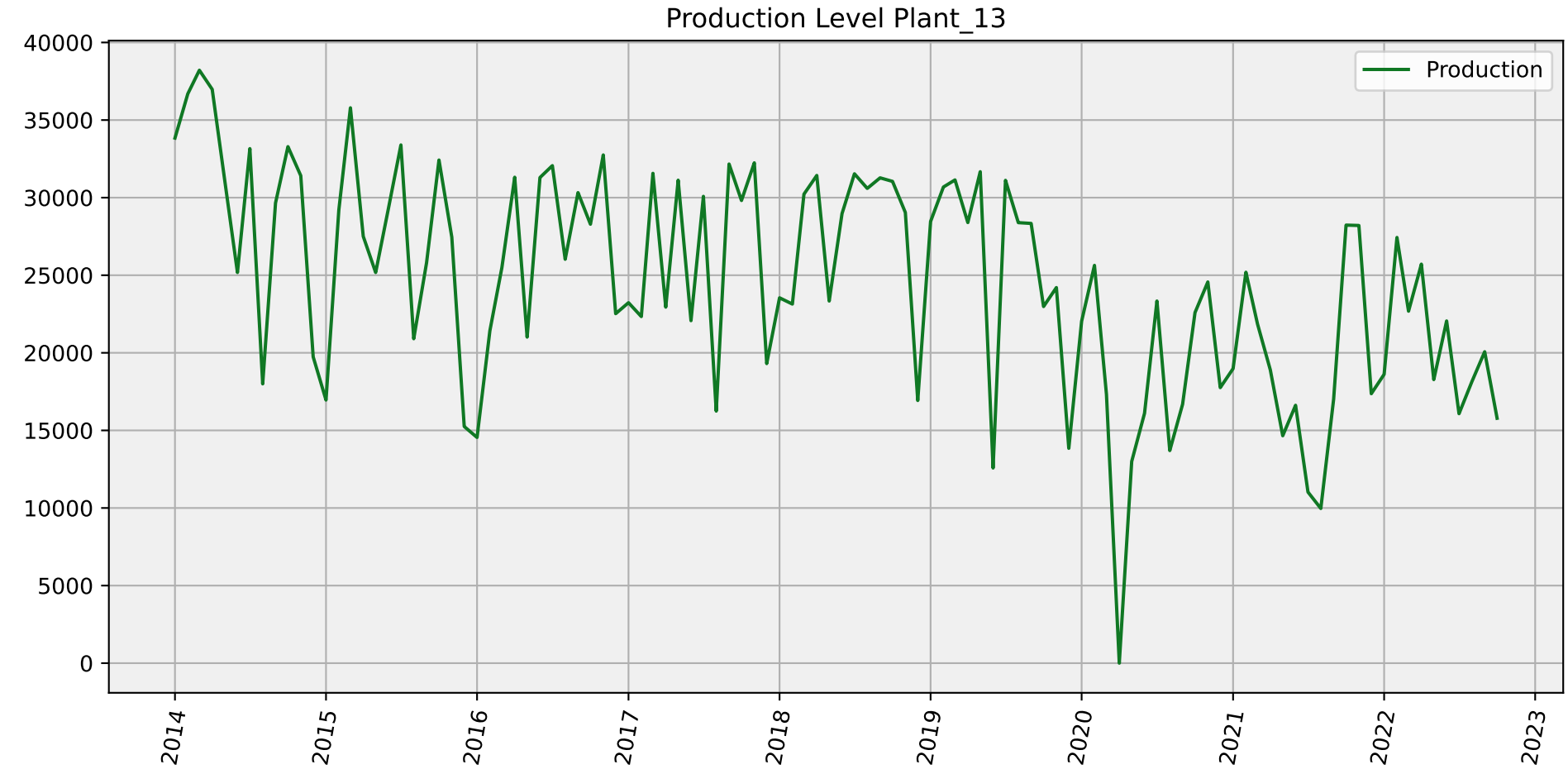


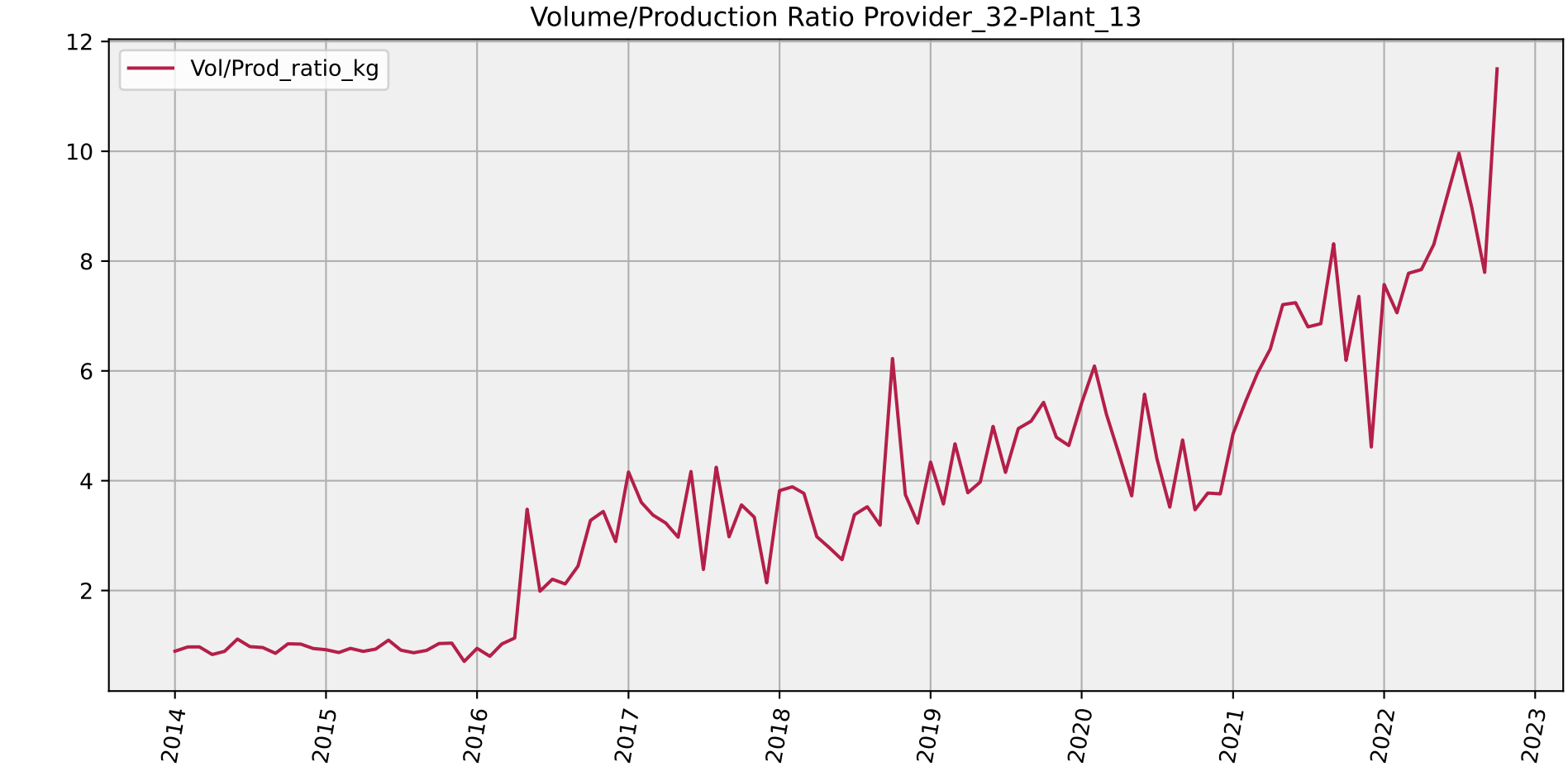

Incoming Volume Provider_32-Plant_11
Actual_Vol_[Tons]
Expected_Vol_[Tons]
80
60
40
20
0
2015
2016
2017
2018
2019
2020
2021
2022
2023


Production Level Plant_11
Production
17500
15000
12500
10000
7500
5000
2500
0
2015
2016
2017
2018
2019
2020
2021
2022
2023

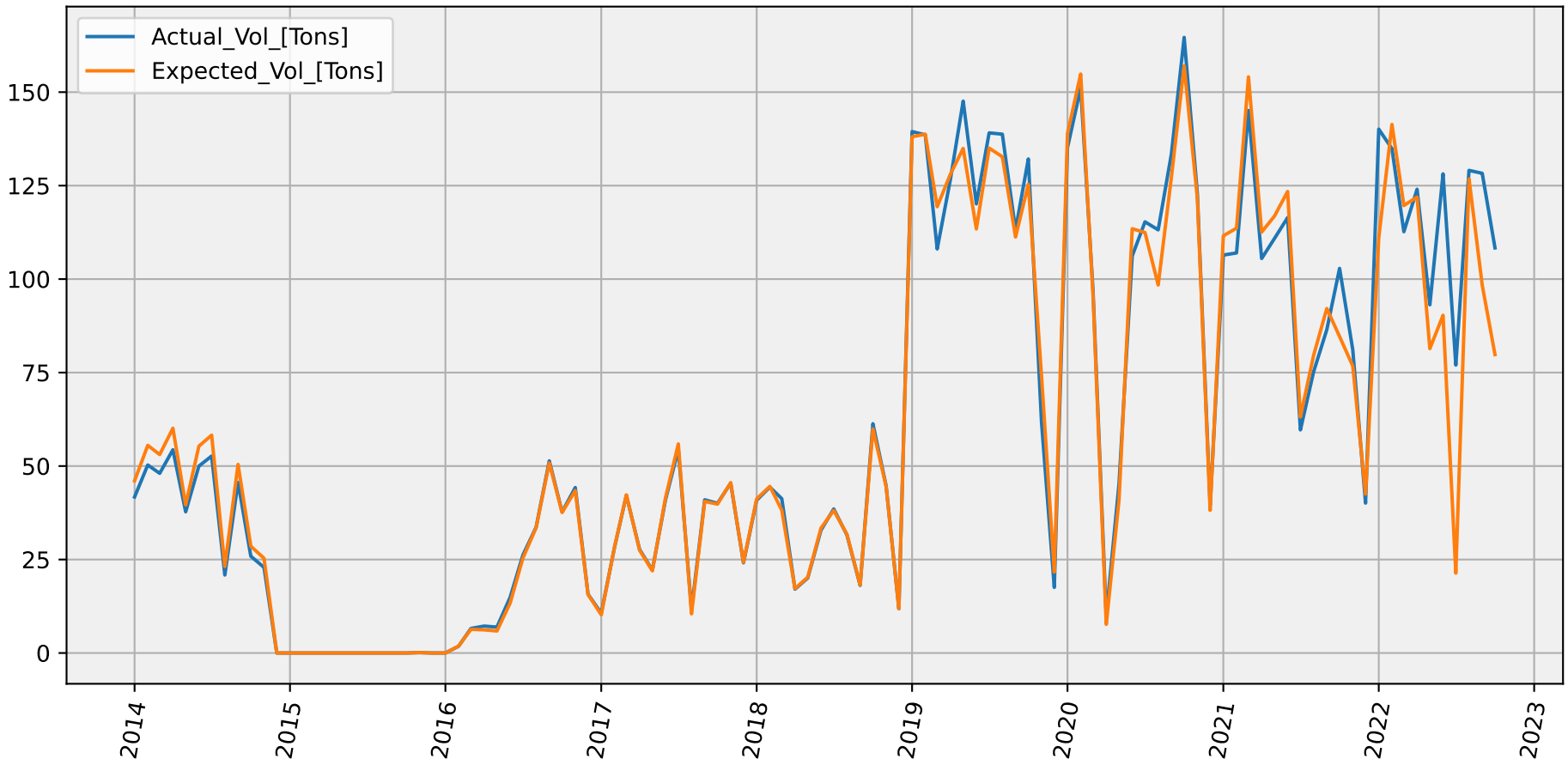

Volume/Production Ratio Provider_32-Plant_11
Vol/Prod_ratio_kg
7
6
5
4
3
2
1
0
2015
2016
2017
2018
2019
2020
2021
2022
2023


Incoming Volume Provider_32-Plant_13
Actual_Vol_[Tons]
Expected_Vol_[Tons]
17500
15000
12500
10000
7500
5000
2500
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

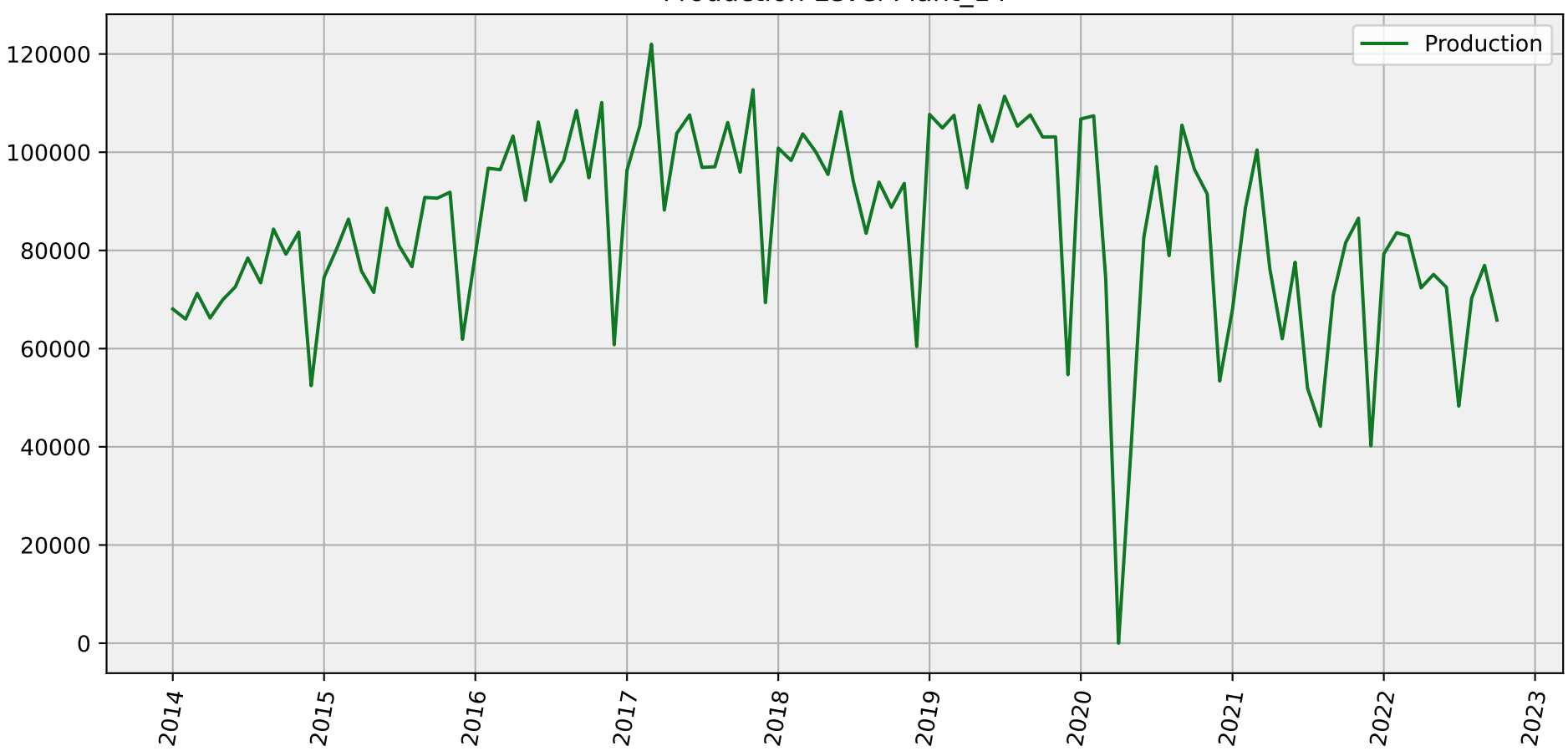

Production Level Plant_13
Production
40000
35000
30000
25000
20000
15000
10000
5000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_32-Plant_13
Vol/Prod_ratio_kg
12
10
8
6
4
2
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

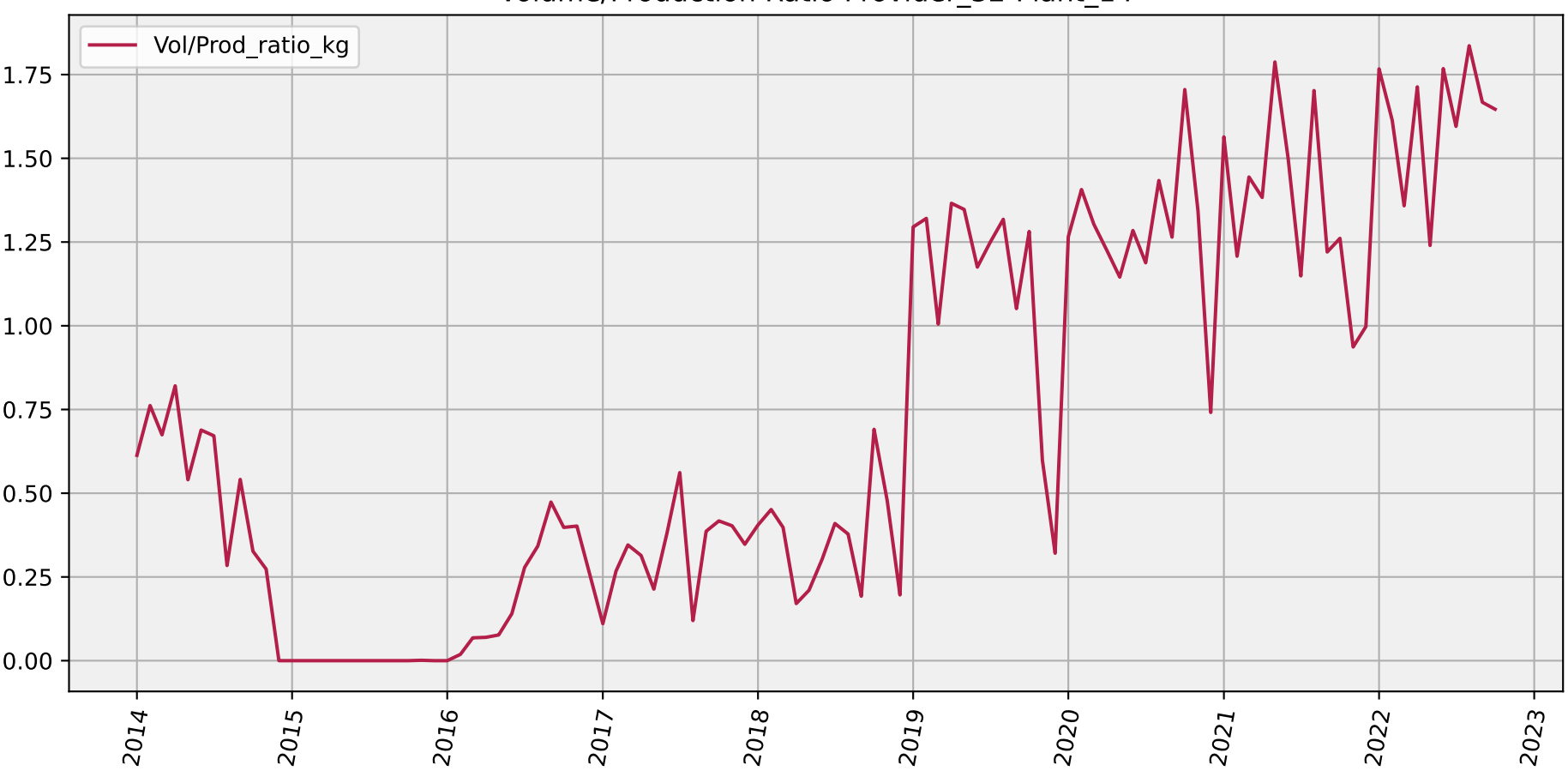
Incoming Volume Provider_32-Plant_14



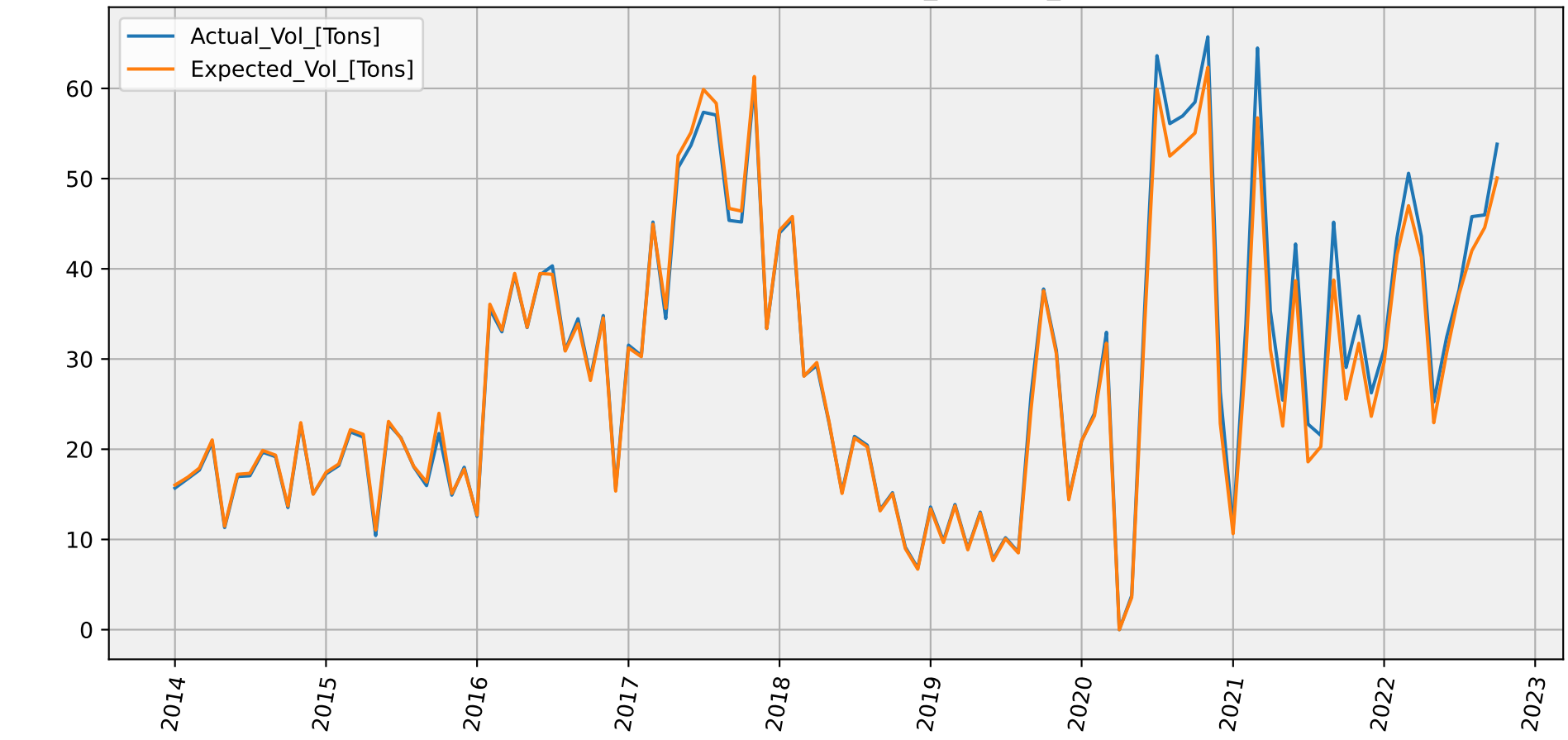
Production Level Plant_14



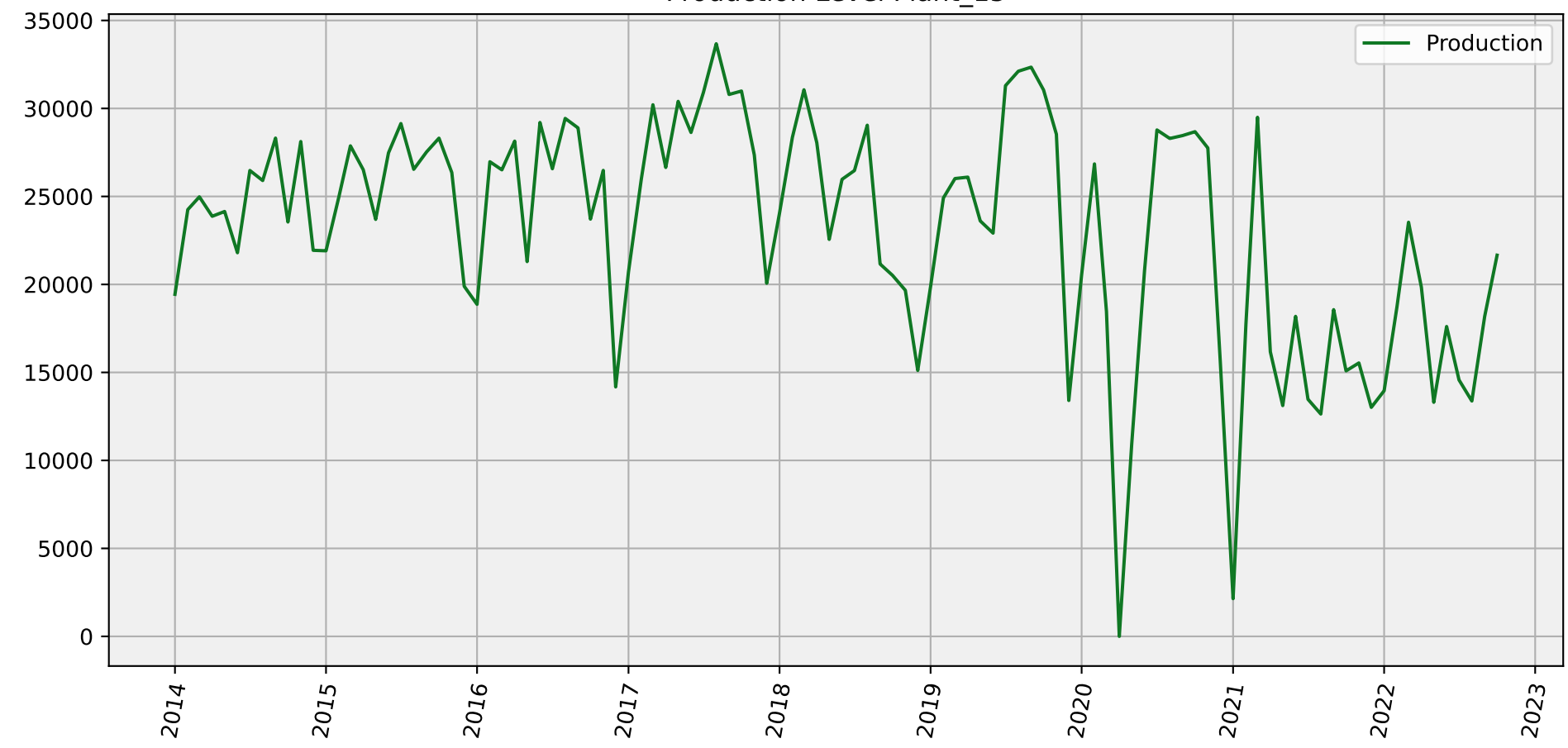
Volume/Production Ratio Provider_32-Plant_14



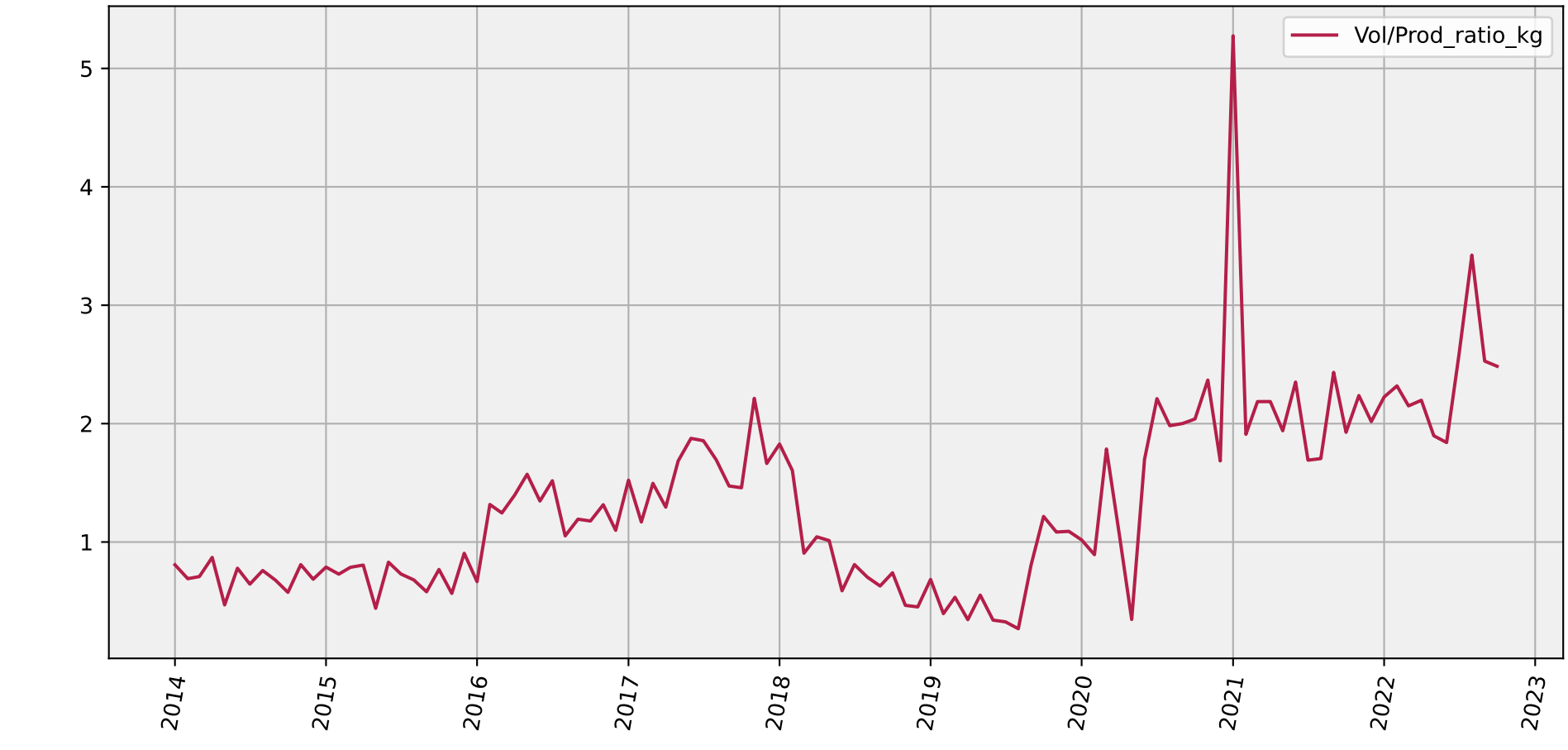
Incoming Volume Provider_32-Plant_15



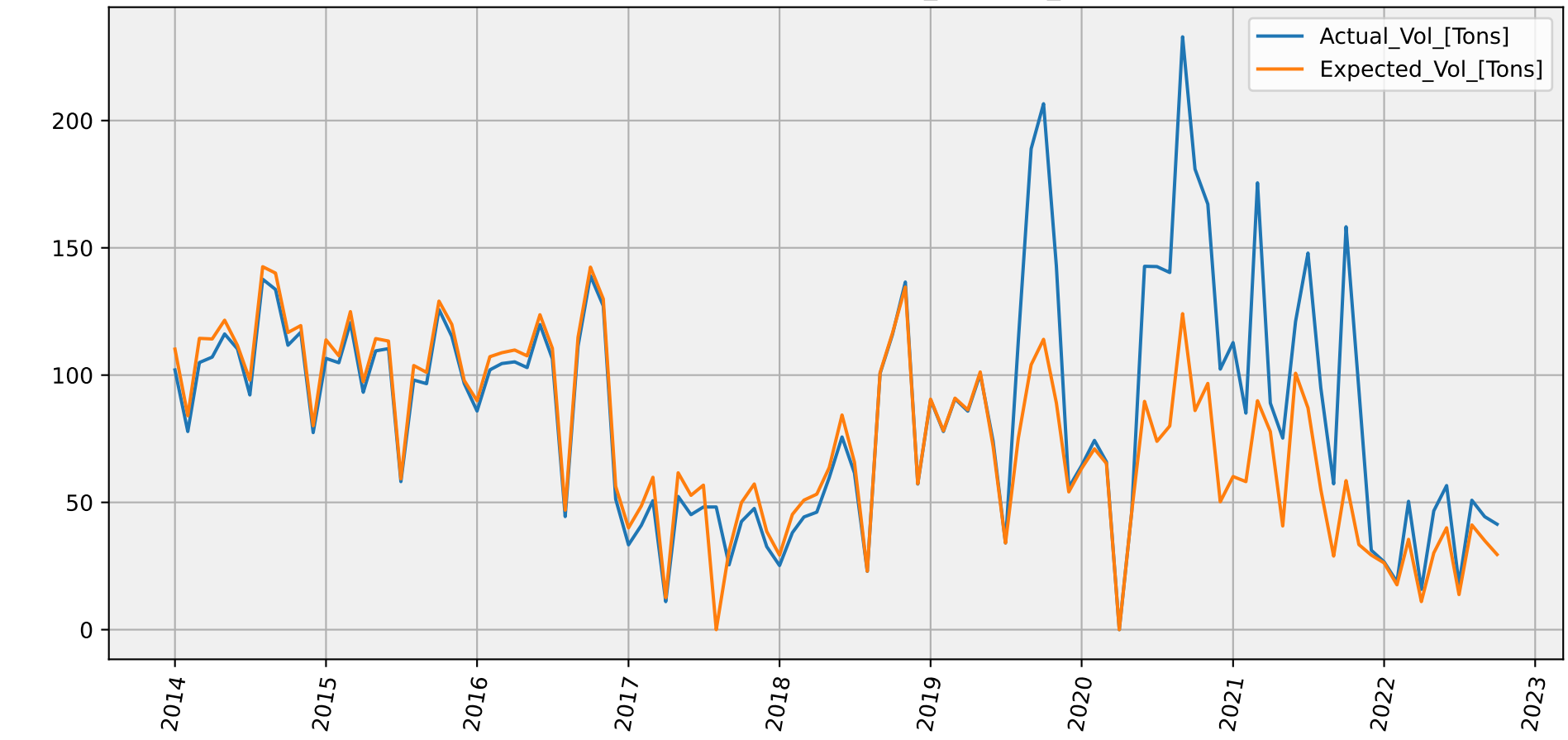
Production Level Plant_15



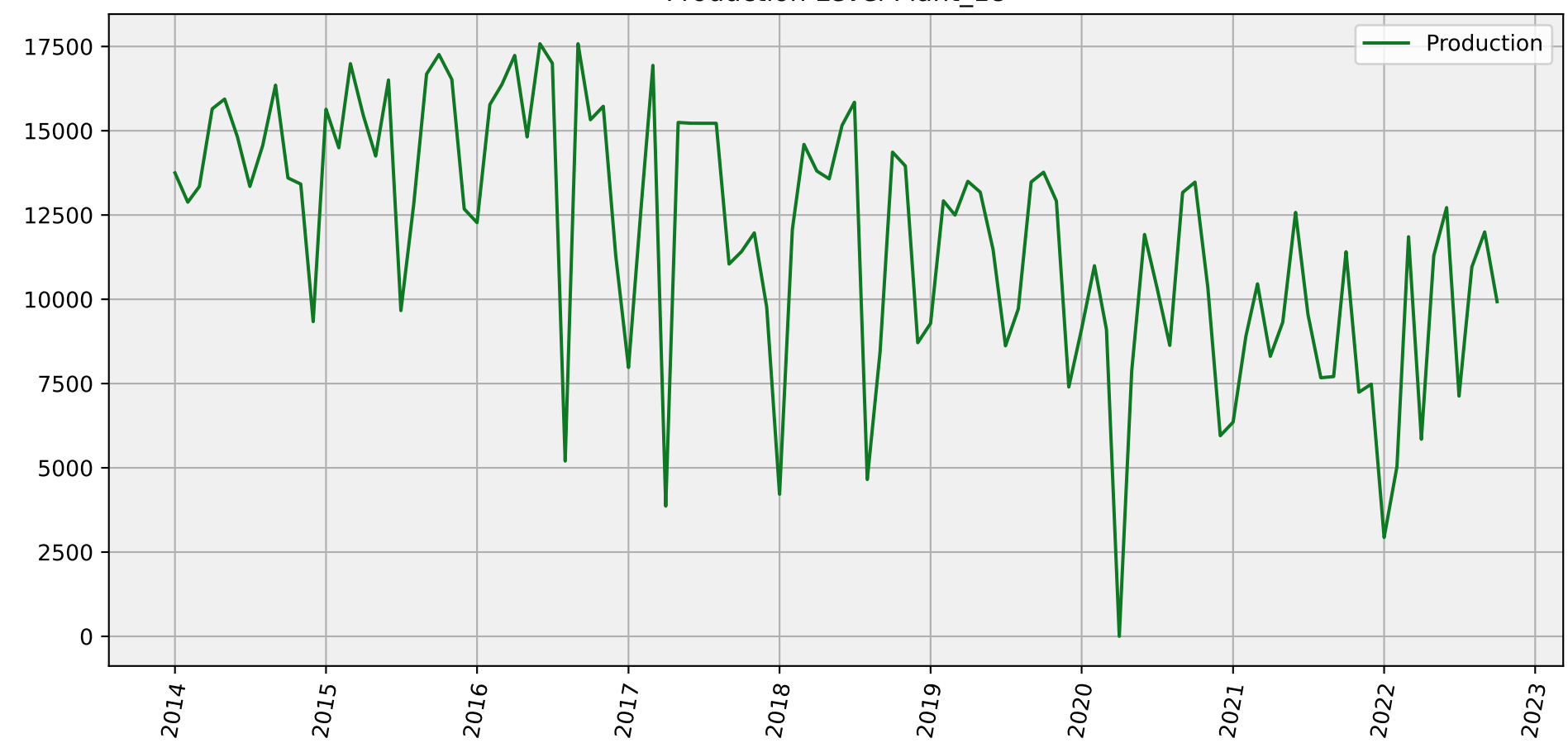
Volume/Production Ratio Provider_32-Plant_15



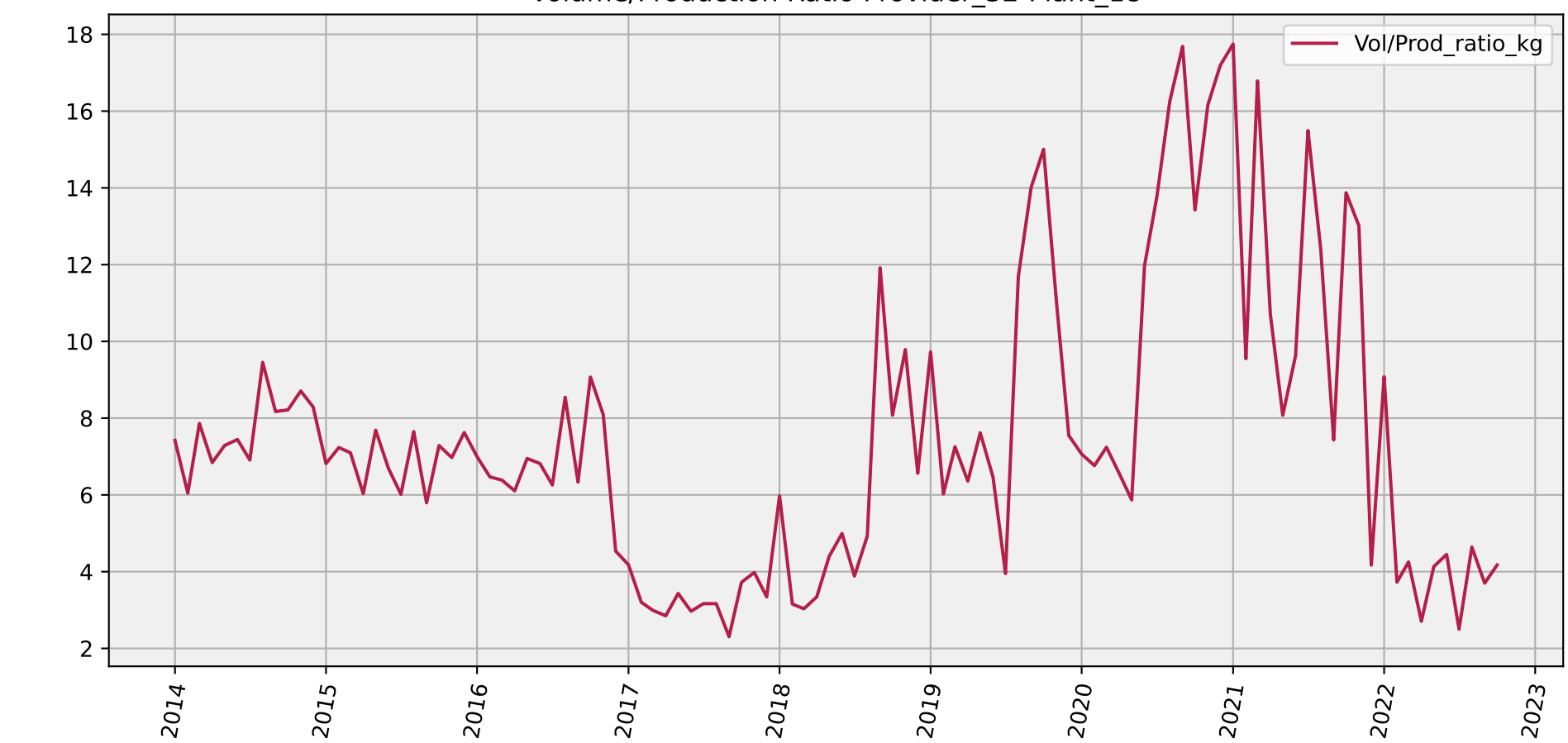
Incoming Volume Provider_32-Plant_18



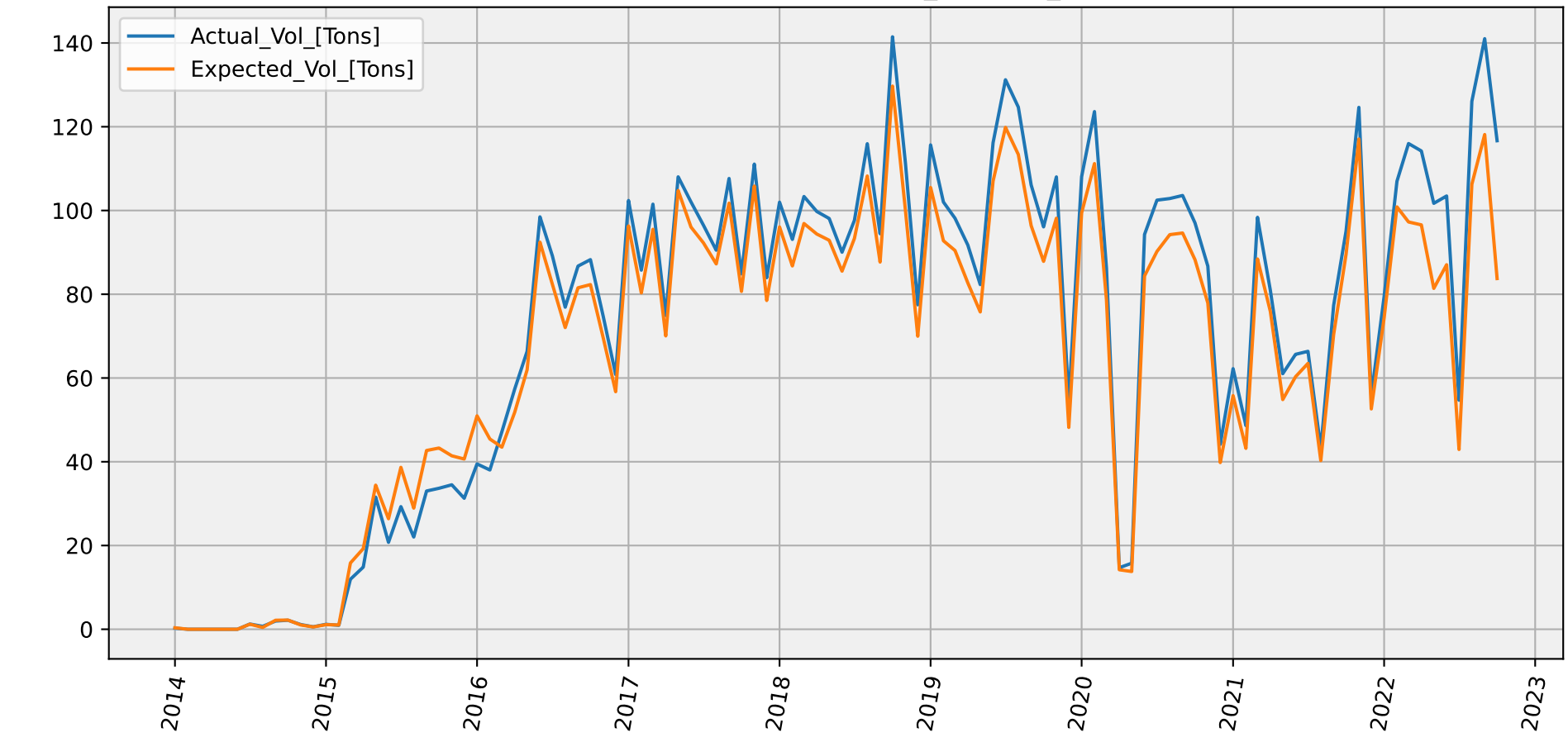
Production Level Plant_18



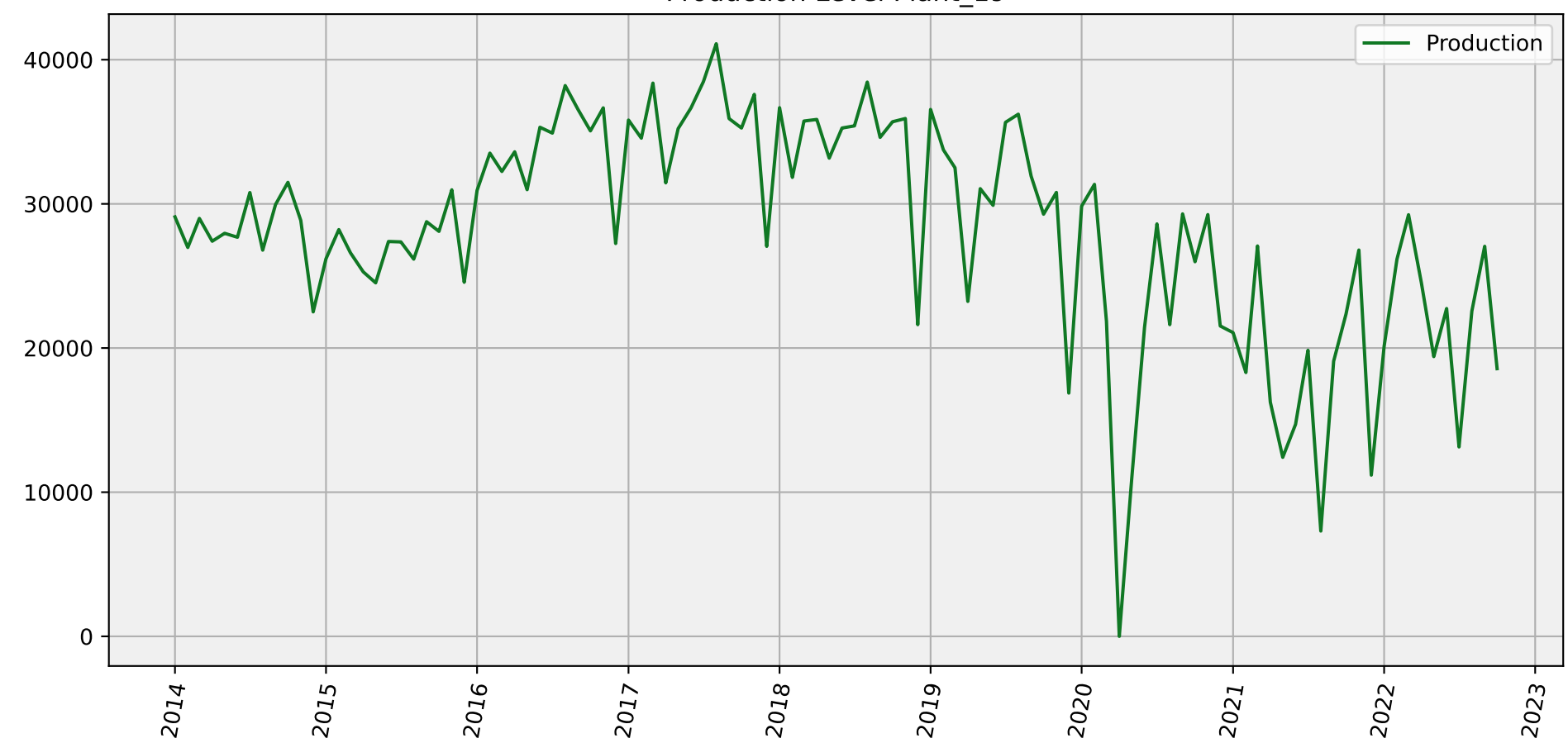
Volume/Production Ratio Provider_32-Plant_18



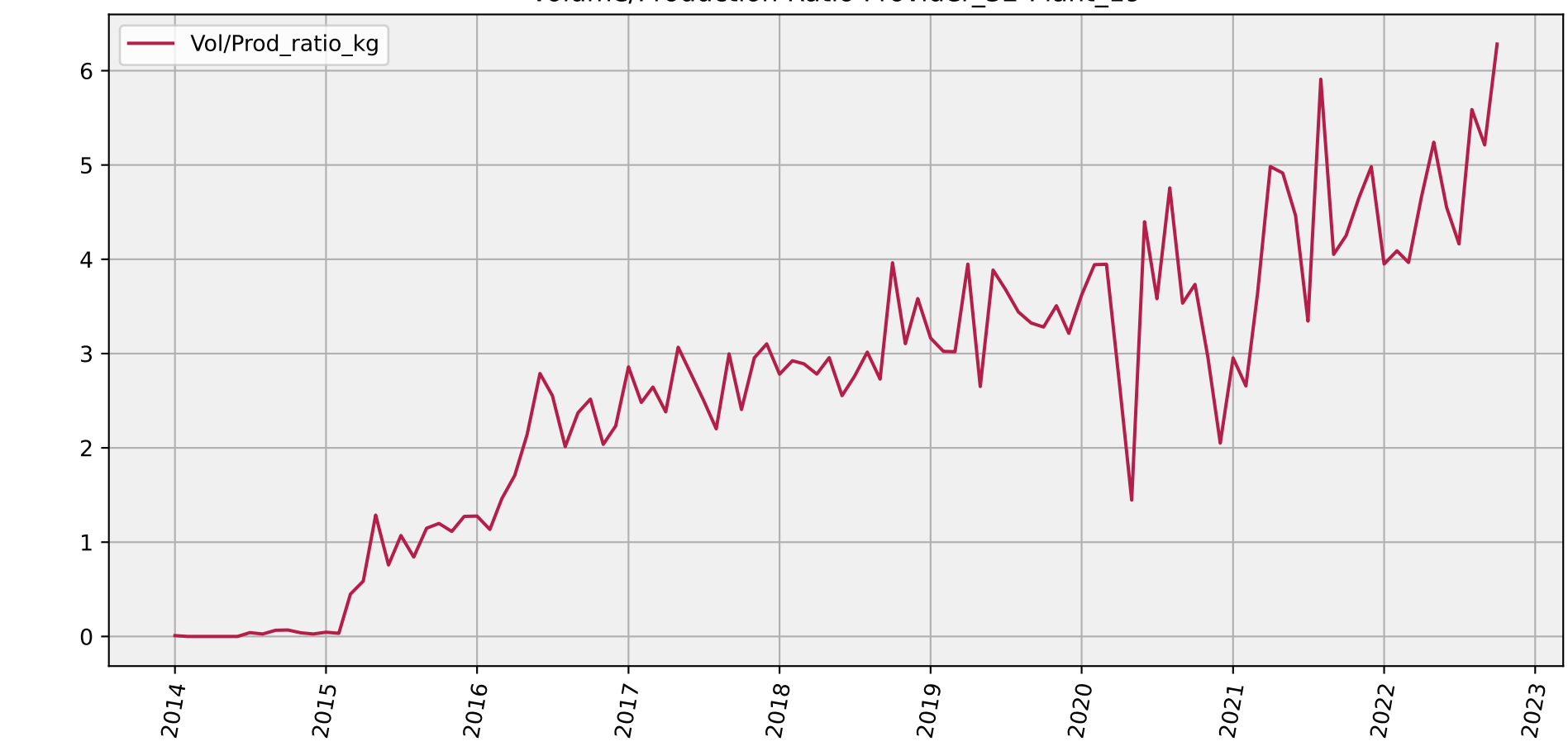
Incoming Volume Provider_32-Plant_19

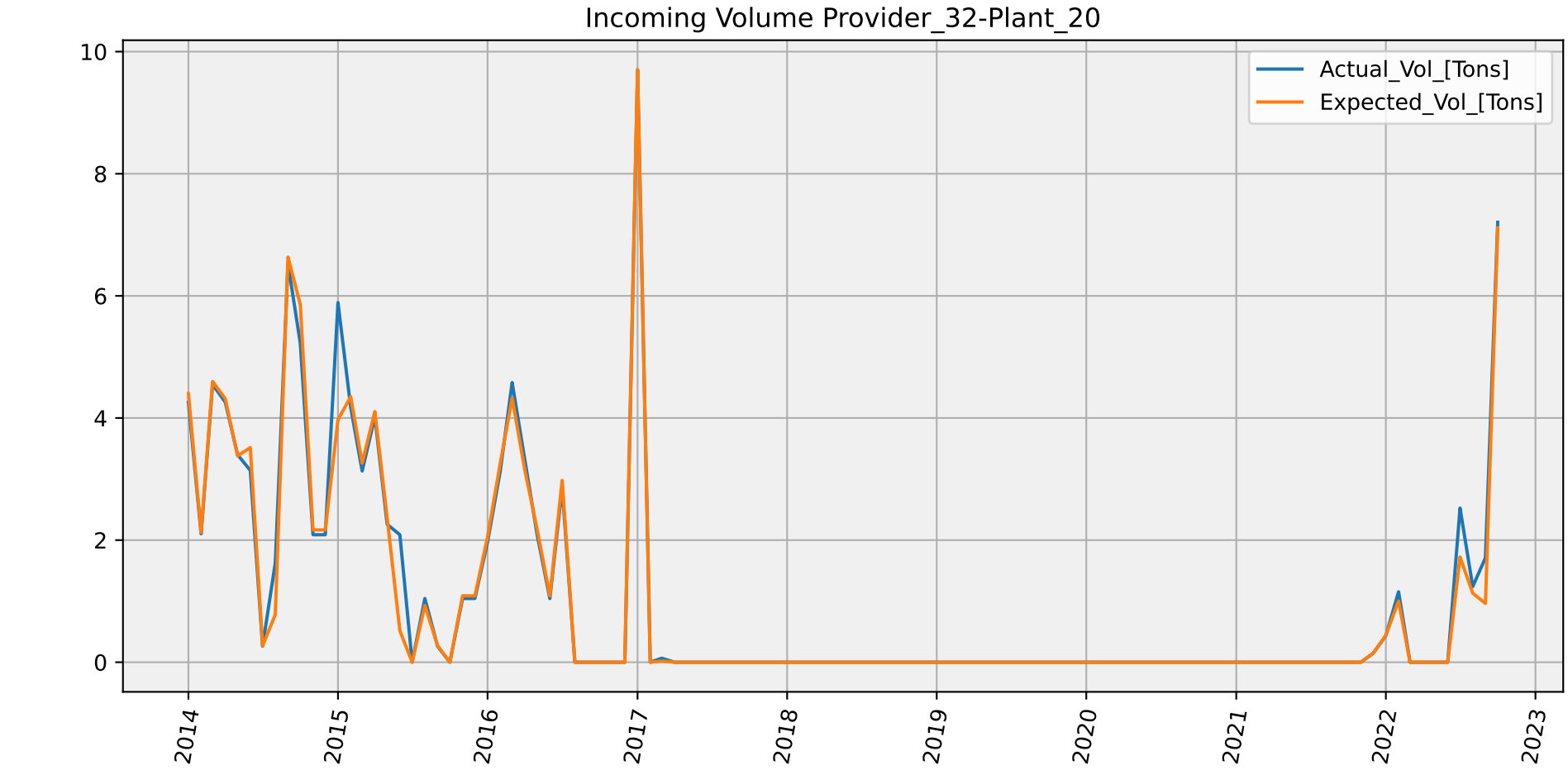


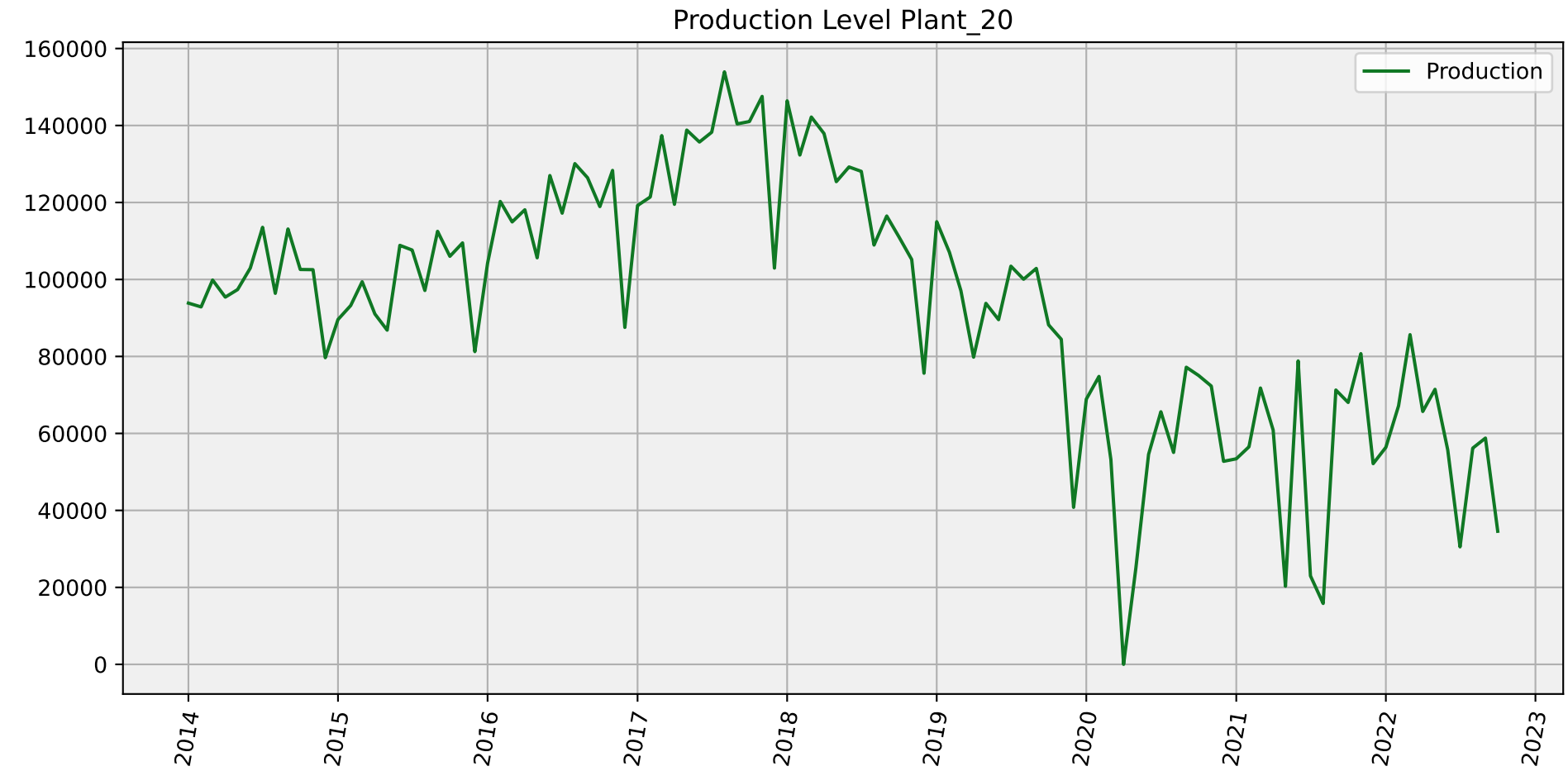
Production Level Plant_19

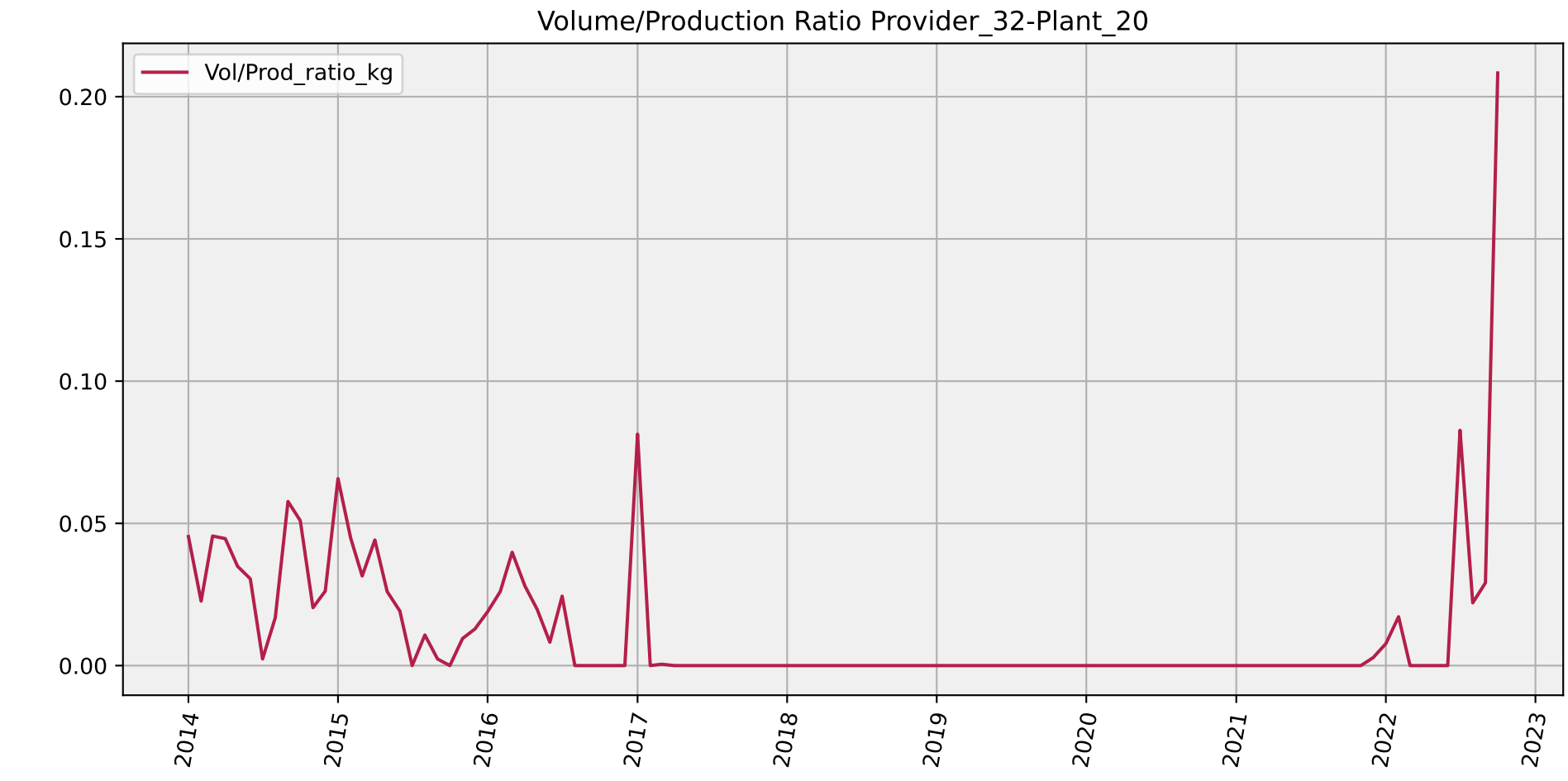


Volume/Production Ratio Provider_32-Plant_19

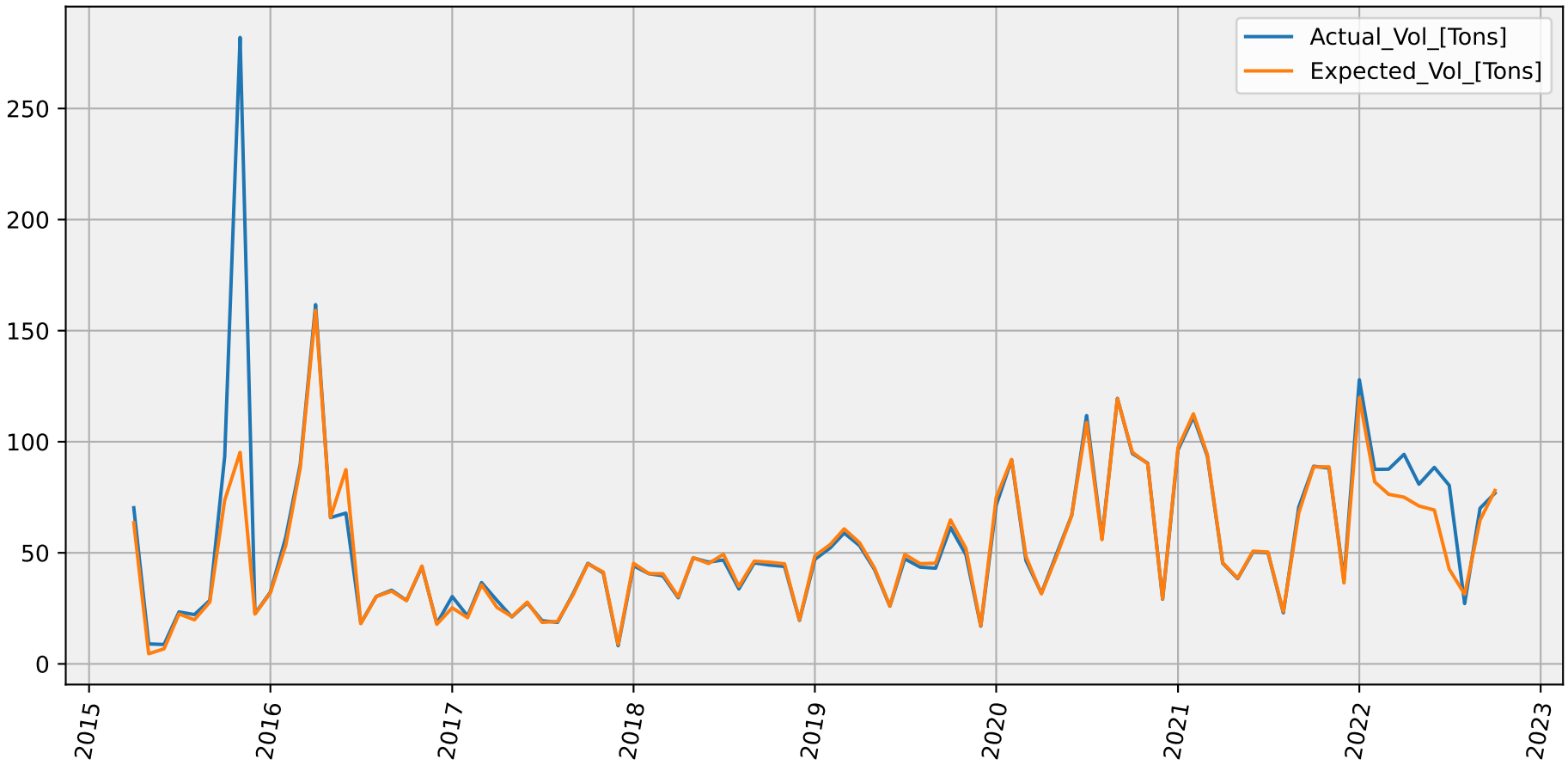



Incoming Volume Provider_32-Plant_20
Actual_Vol_[Tons]
Expected_Vol_[Tons]
10
8
6
4
2
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

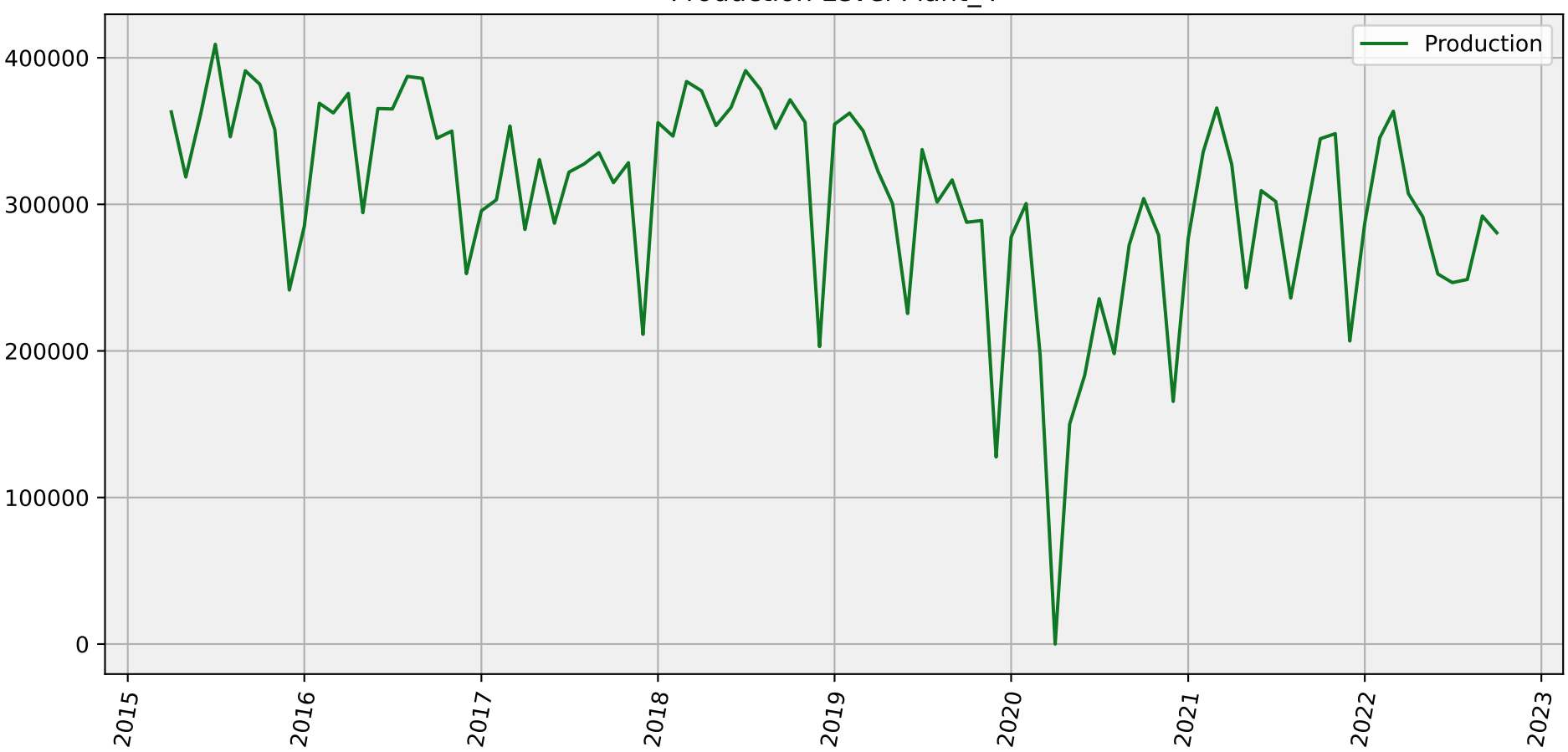

Production Level Plant_20
Production
160000
140000
120000
100000
80000
60000
40000
20000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_32-Plant_20
Vol/Prod_ratio_kg
0.20
0.15
0.10
0.05
0.00
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

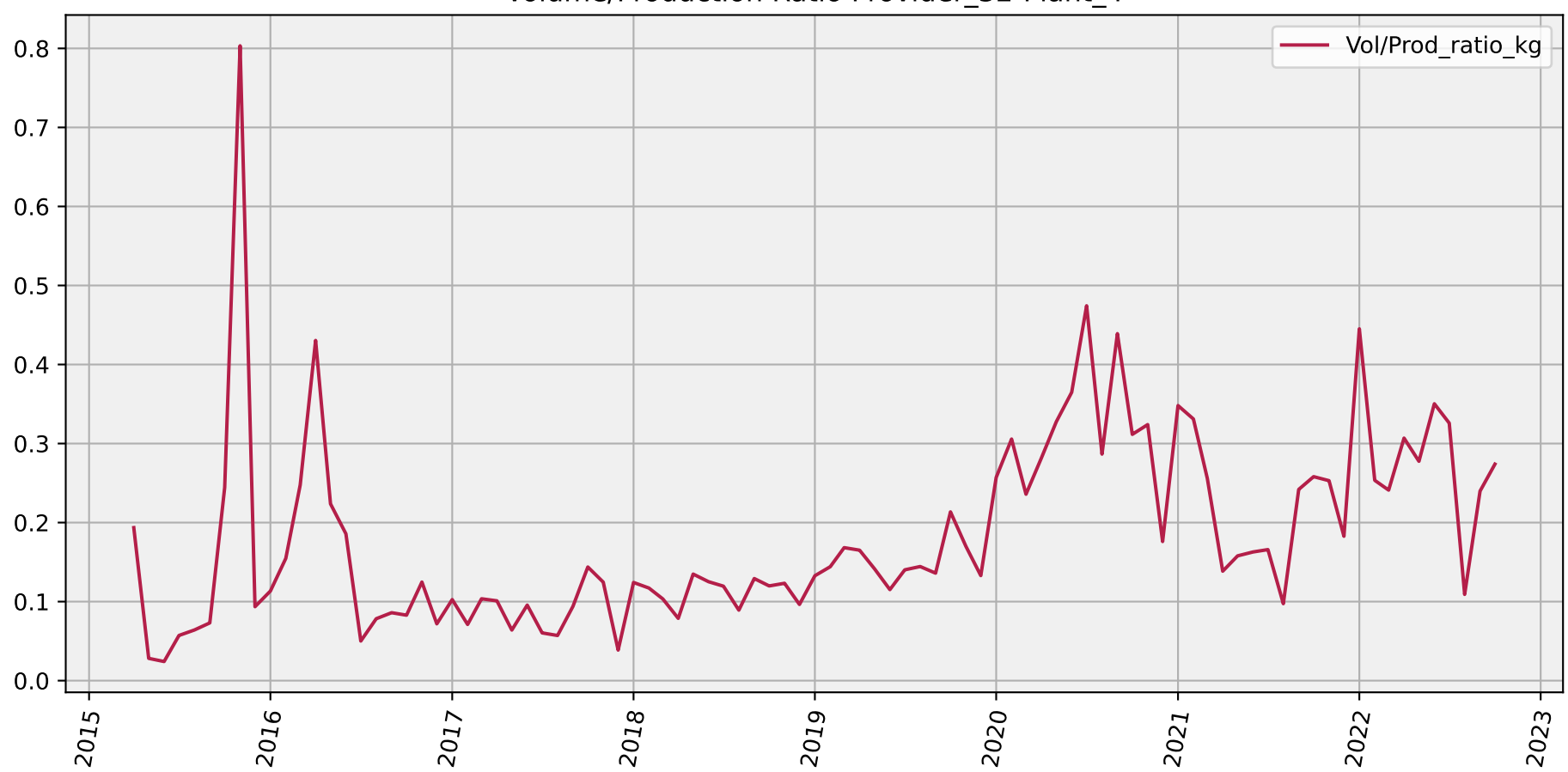
Incoming Volume Provider_32-Plant_4

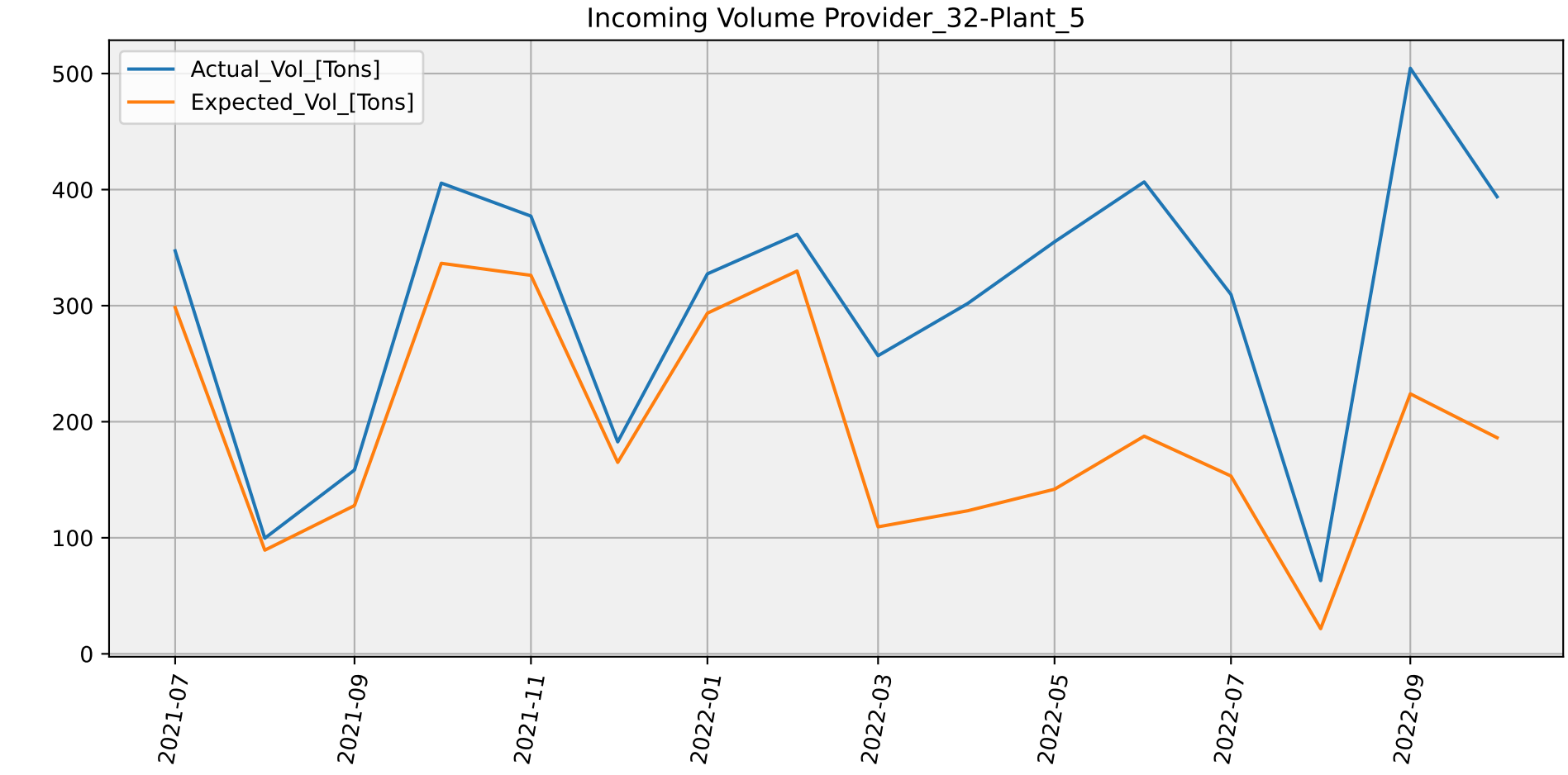


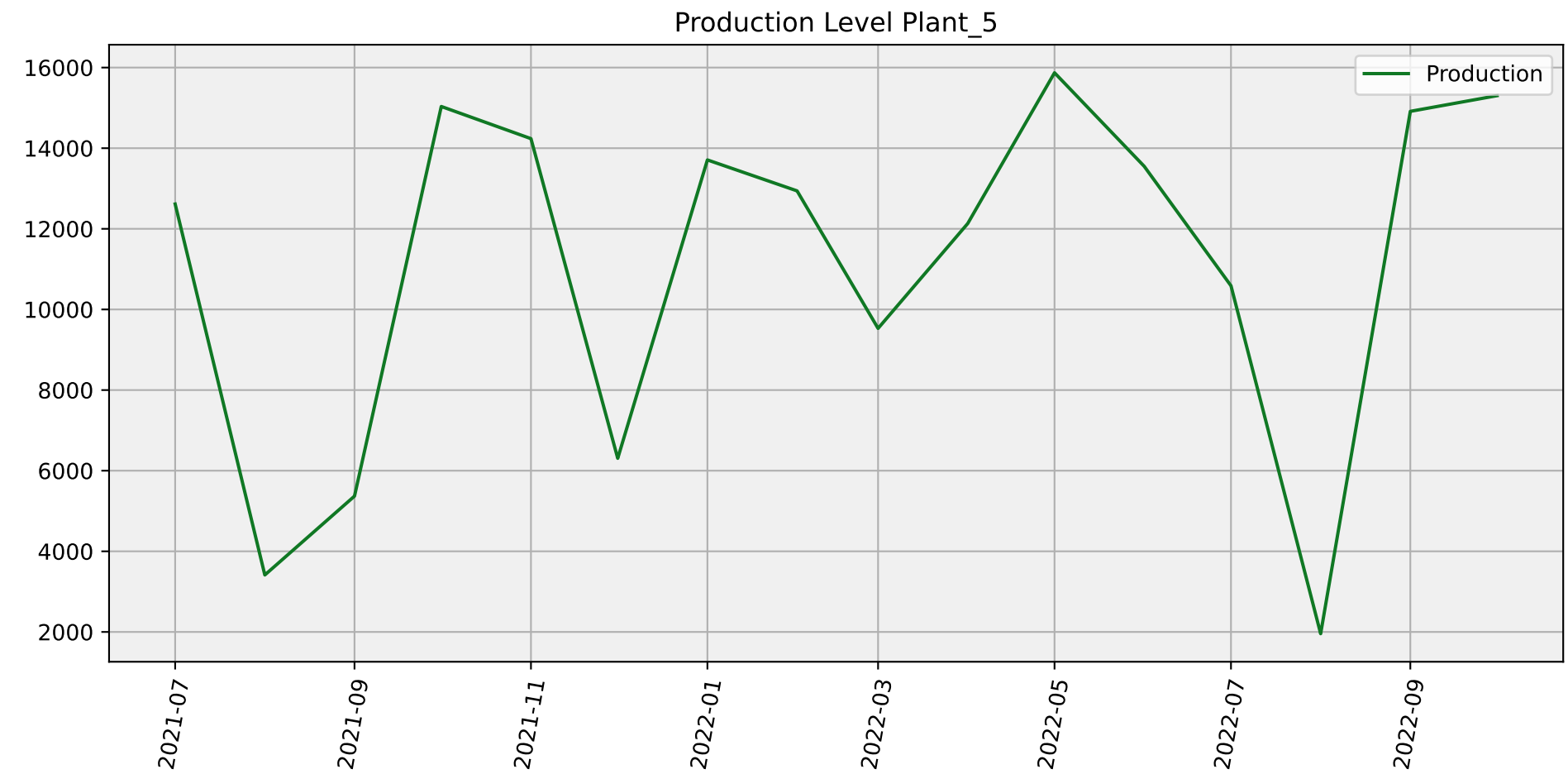
Production Level Plant_4

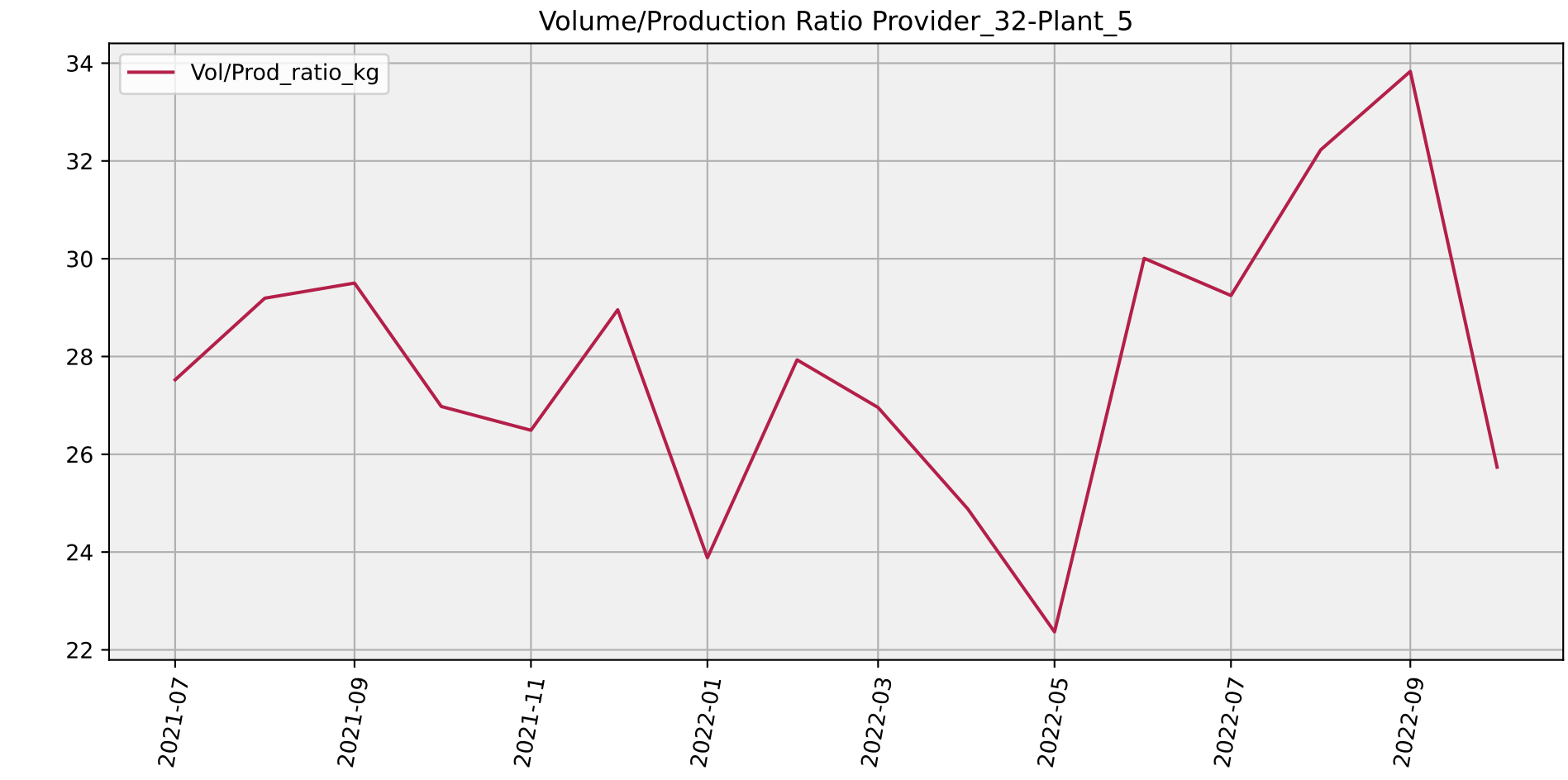


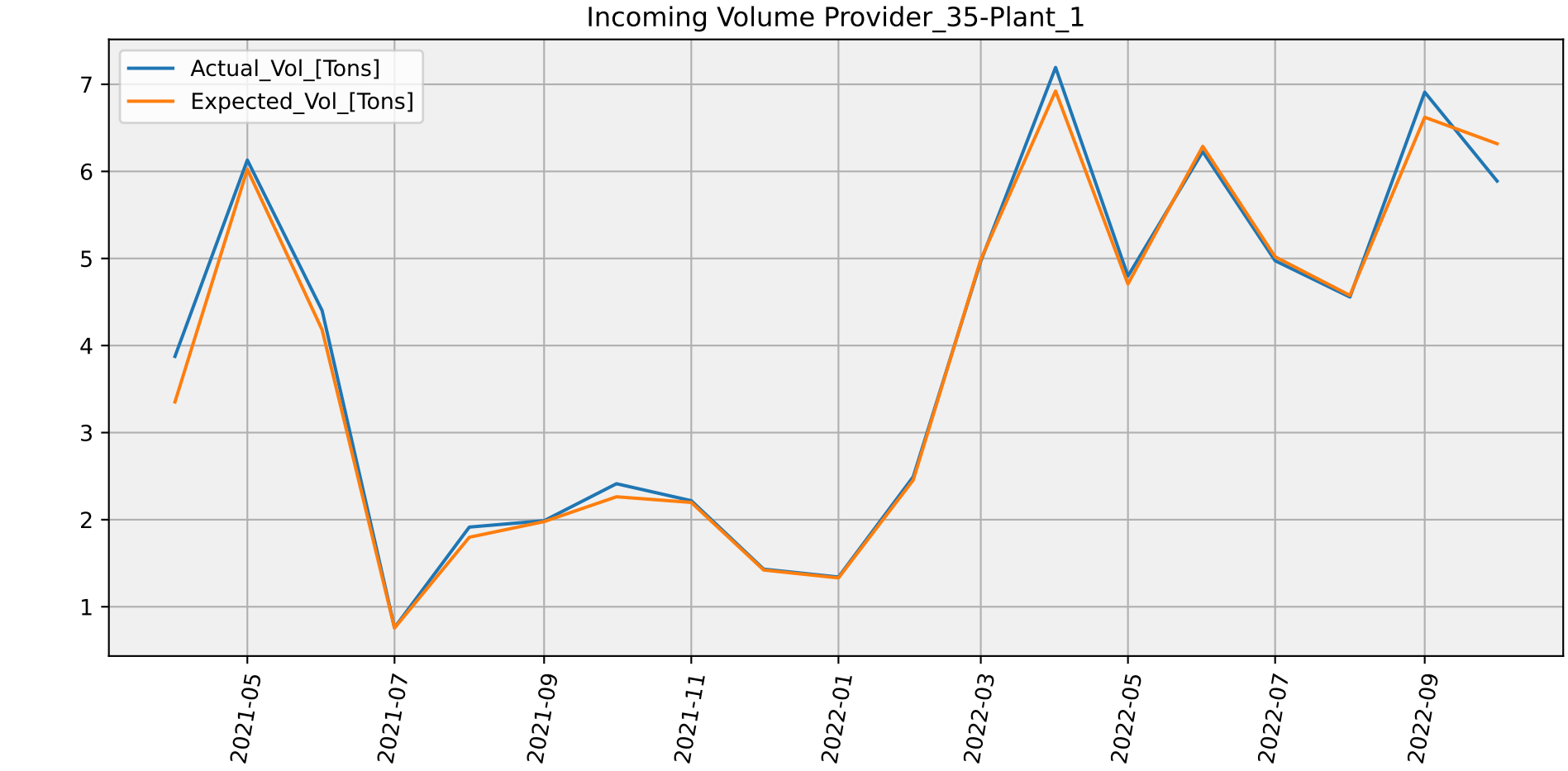
Volume/Production Ratio Provider_32-Plant_4

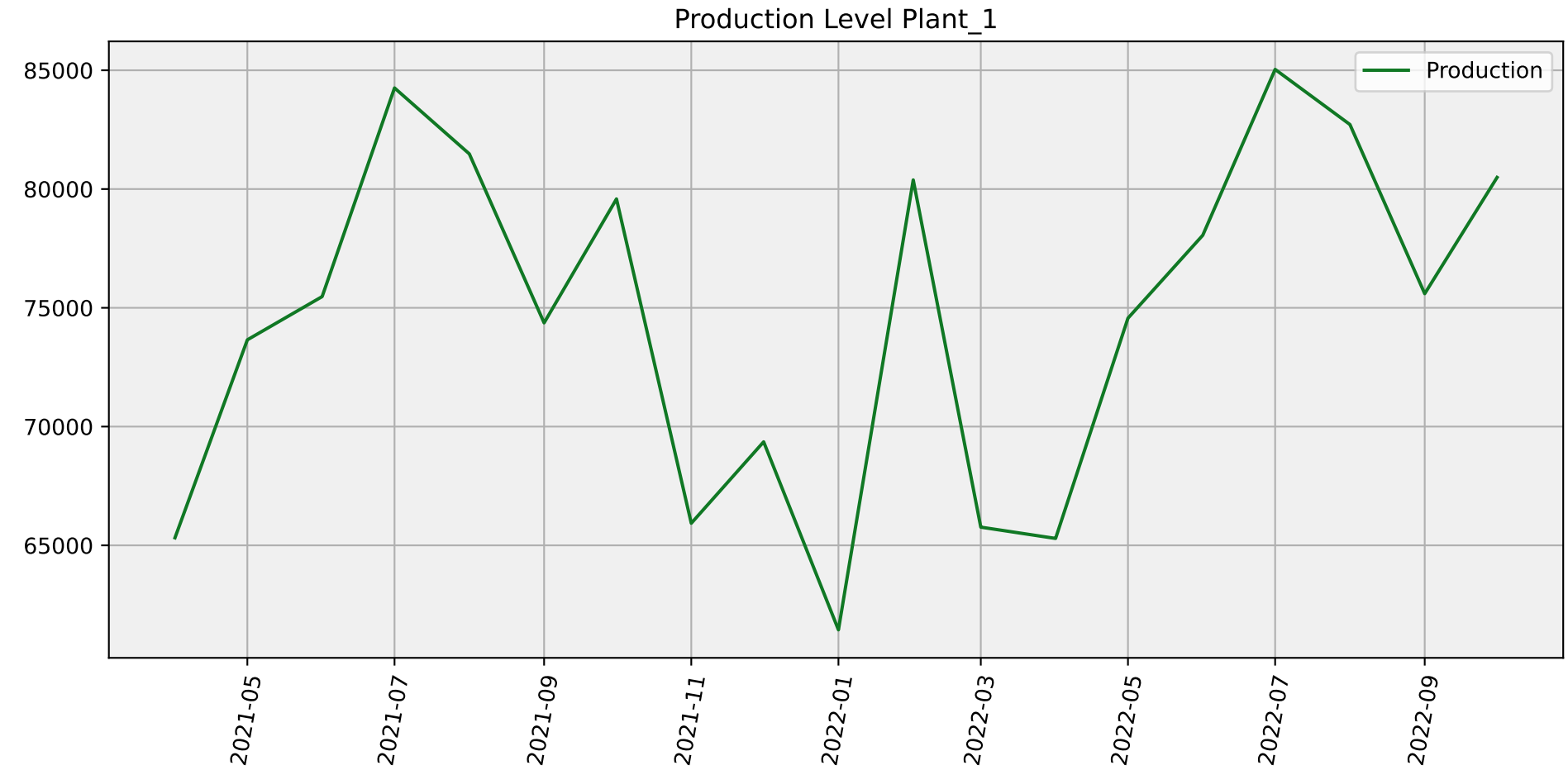


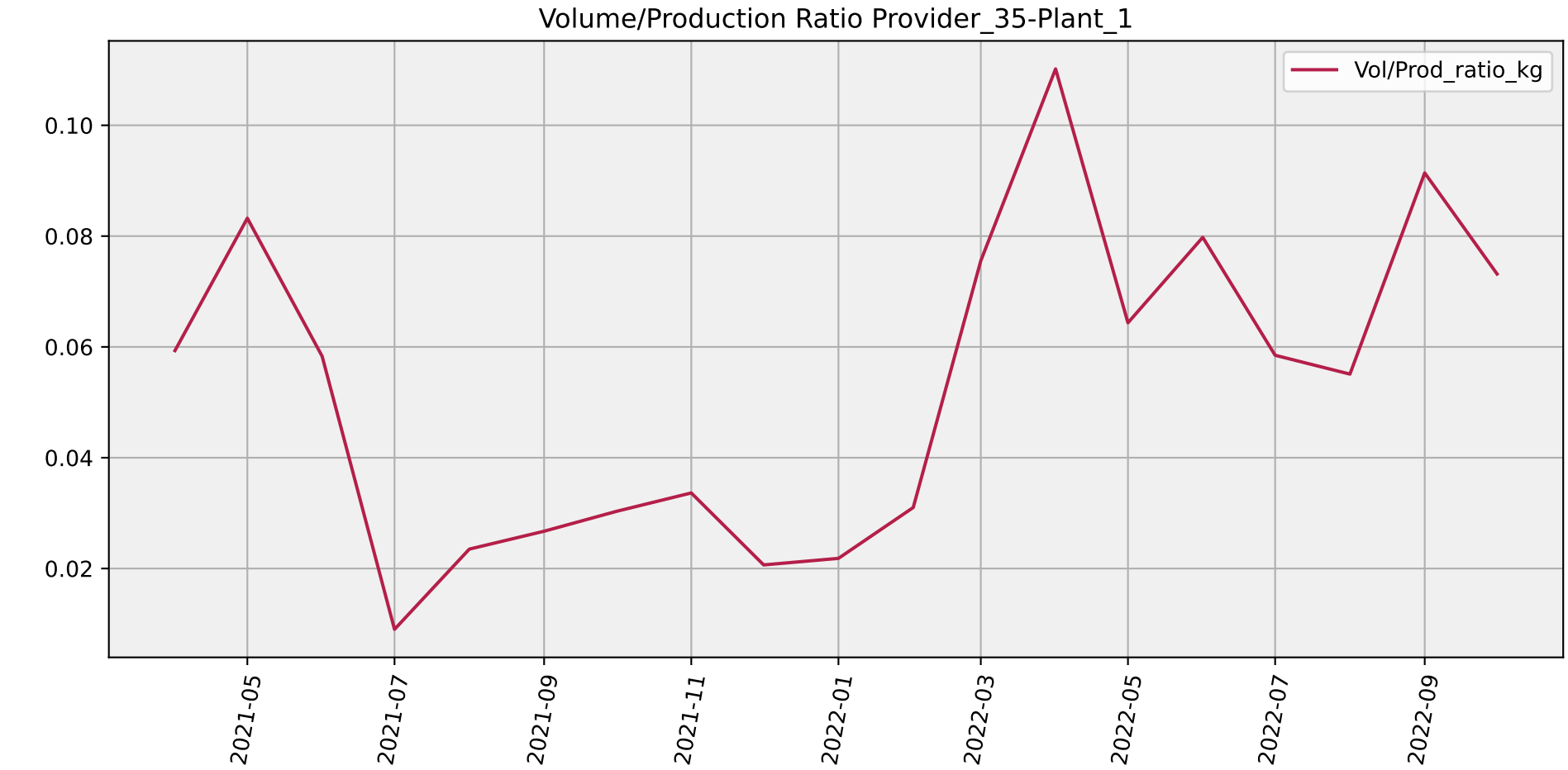

Incoming Volume Provider_32-Plant_5
Actual_Vol_[Tons]
Expected_Vol_[Tons]
500
400
300
200
100
0
2021-07
2021-09
2021-11
2022-01
2022-03
2022-05
2022-07
2022-09

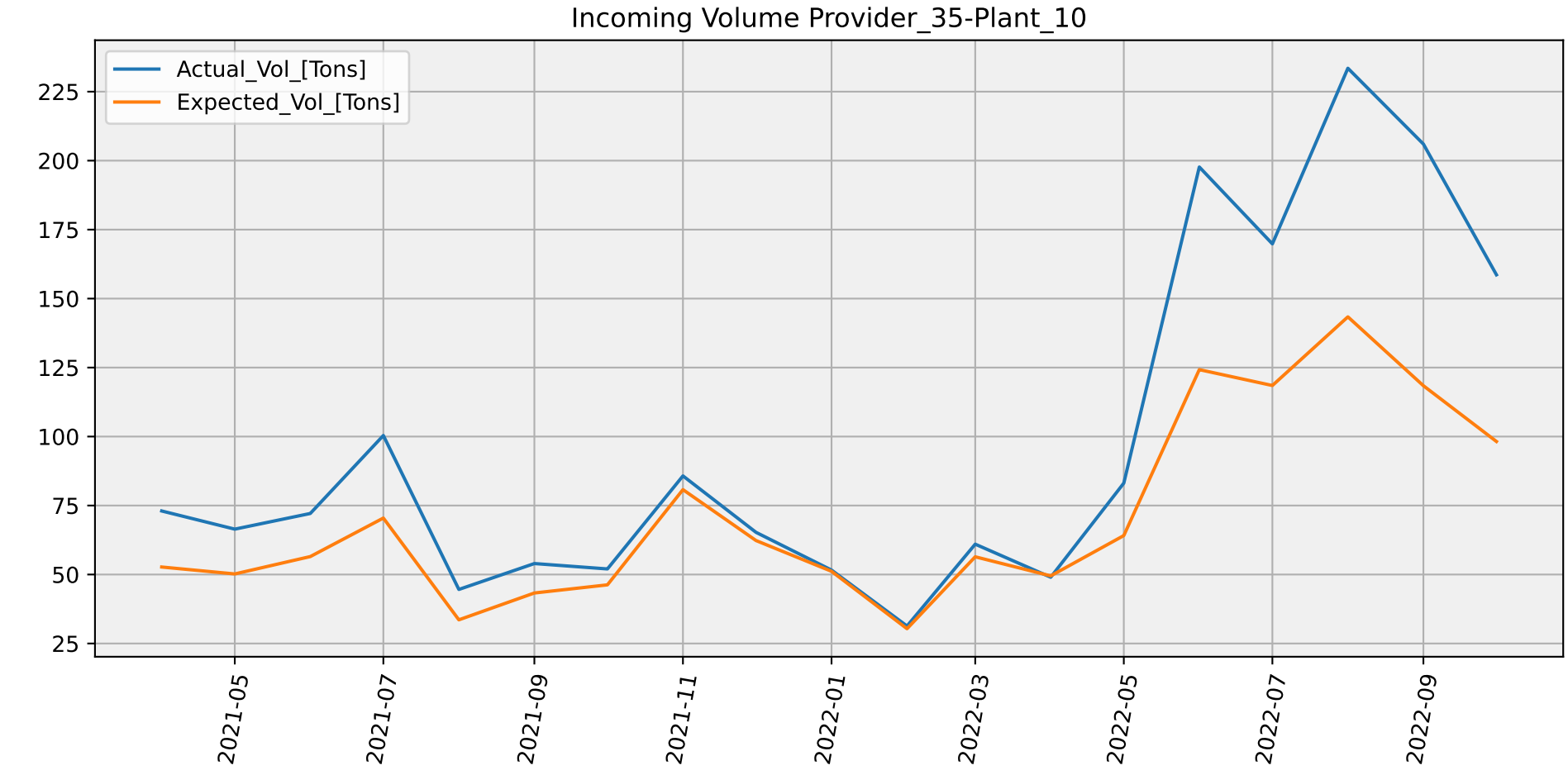

Production Level Plant_5
Production
16000
14000
12000
10000
8000
6000
4000
2000
2021-07
2021-09
2021-11
2022-01
2022-03
2022-05
2022-07
2022-09

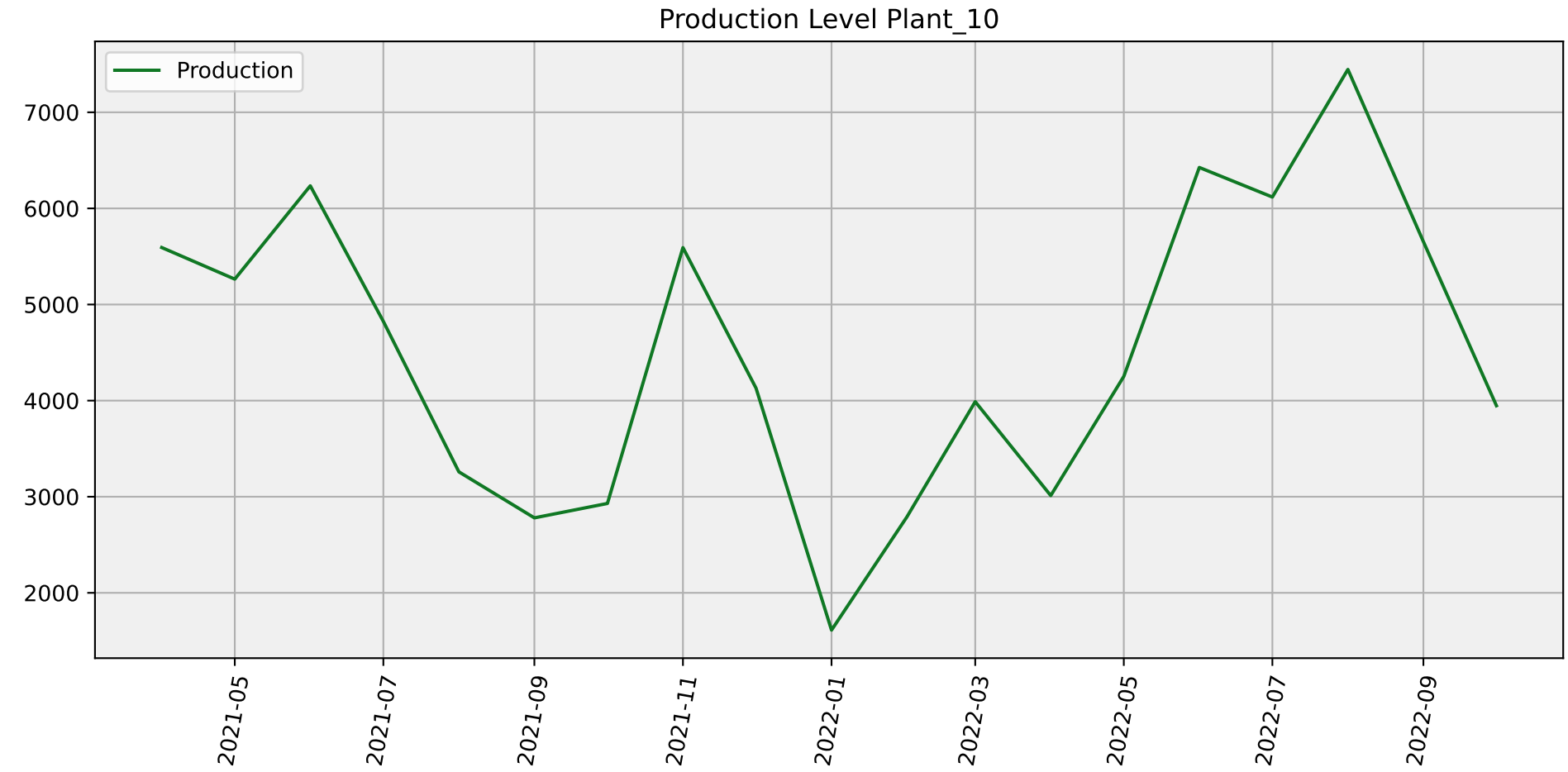

Volume/Production Ratio Provider_32-Plant_5
Vol/Prod_ratio_kg
34
32
30
28
26
24
22
2021-07
2021-09
2021-11
2022-01
2022-03
2022-05
2022-07
2022-09

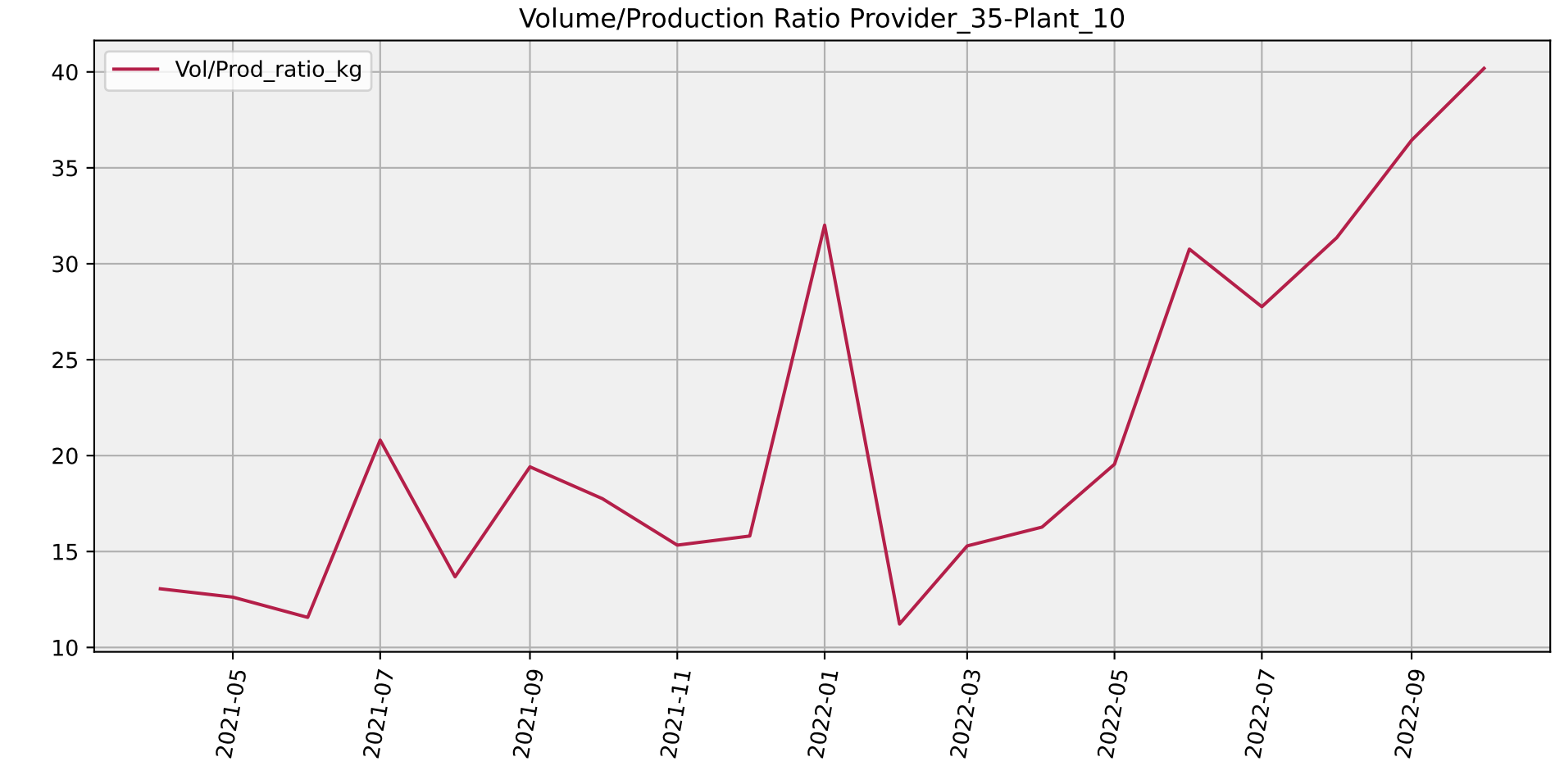

Incoming Volume Provider_35-Plant_1
Actual_Vol_[Tons]
Expected_Vol_[Tons]
7
6
5
4
3
2
1
2021-05
2021-07
2021-09
2021-11
2022-01
2022-03
2022-05
2022-07
2022-09

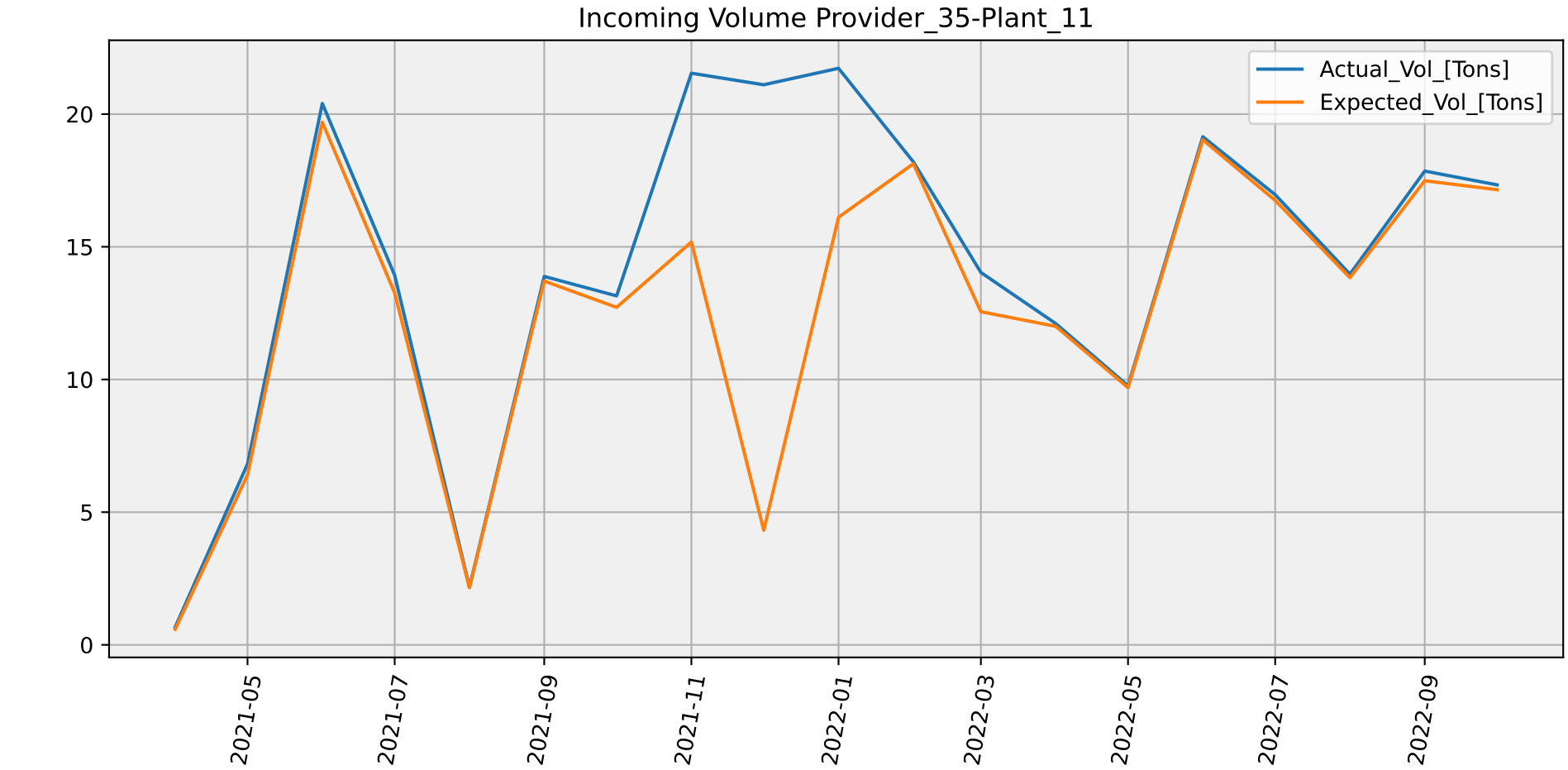

Production Level Plant_1
Production
85000
80000
75000
70000
65000
2021-05
2021-07
2021-09
2021-11
2022-01
2022-03
2022-05
2022-07
2022-09

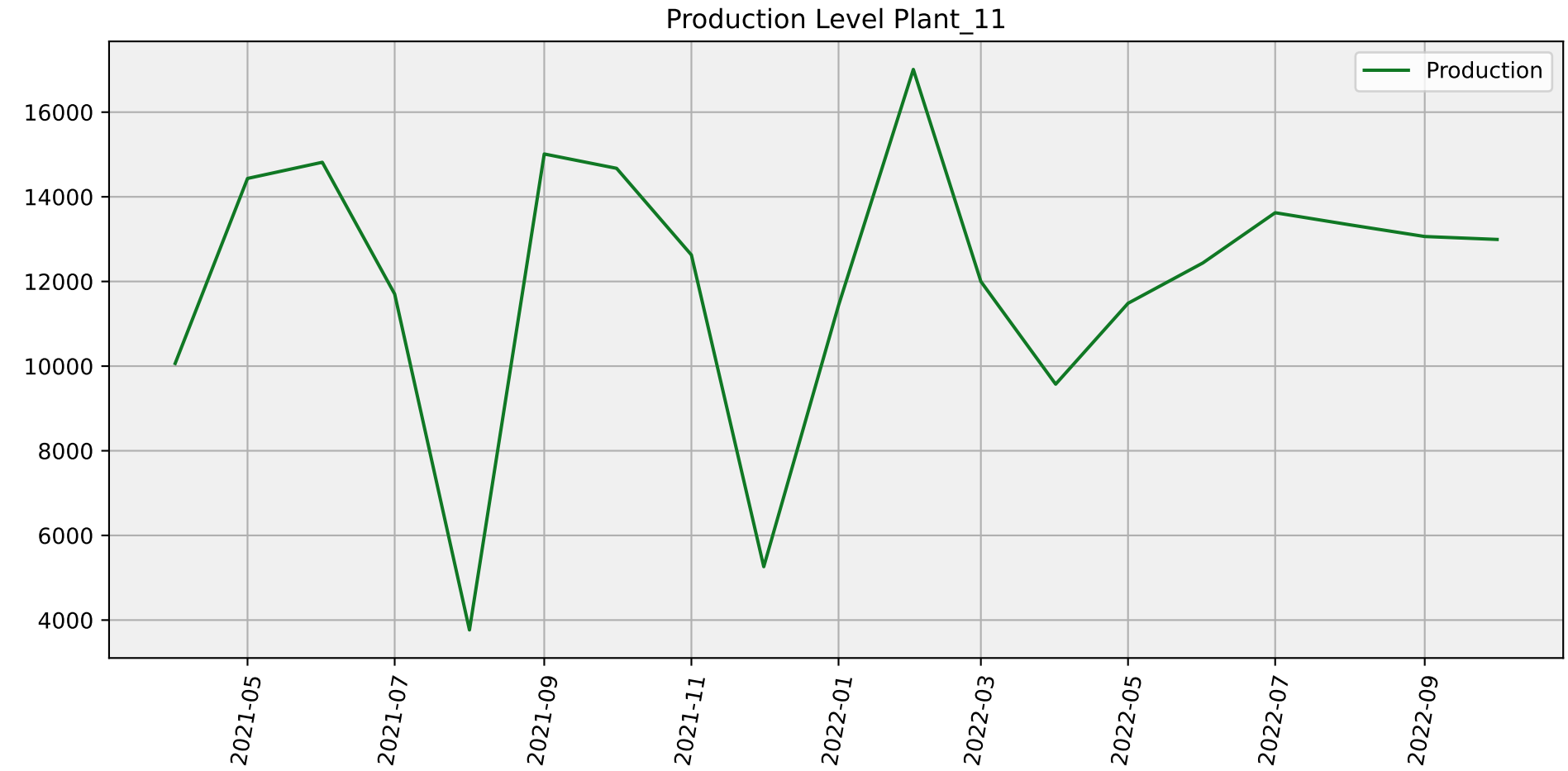

Volume/Production Ratio Provider_35-Plant_1
Vol/Prod_ratio_kg
0.10
0.08
0.06
0.04
0.02
2021-05
2021-07
2021-09
2021-11
2022-01
2022-03
2022-05
2022-07
2022-09

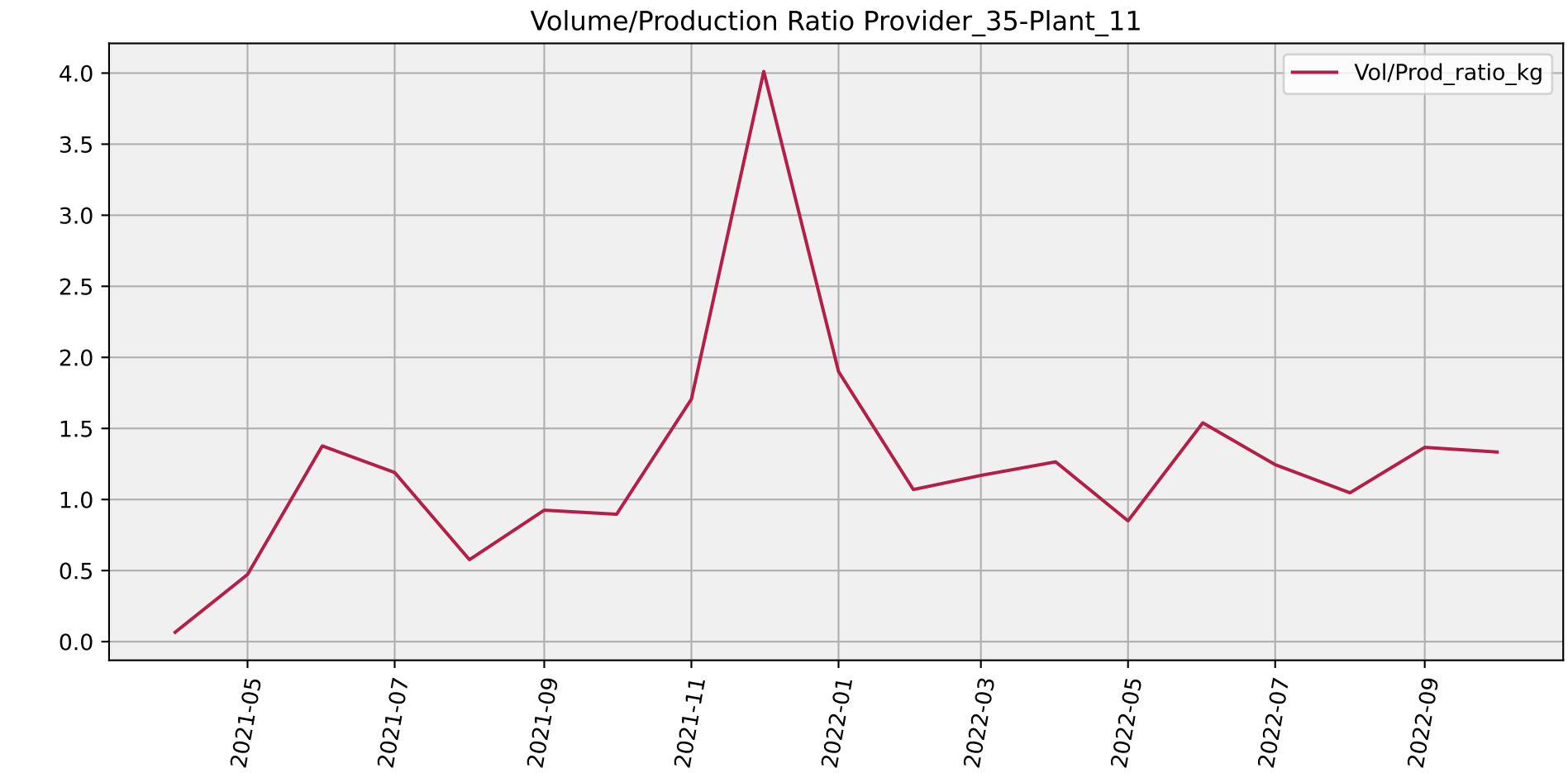

Incoming Volume Provider_35-Plant_10
Actual_Vol_[Tons]
Expected_Vol_[Tons]
225
200
175
150
125
100
75
50
25
2021-05
2021-07
2021-09
2021-11
2022-01
2022-03
2022-05
2022-07
2022-09

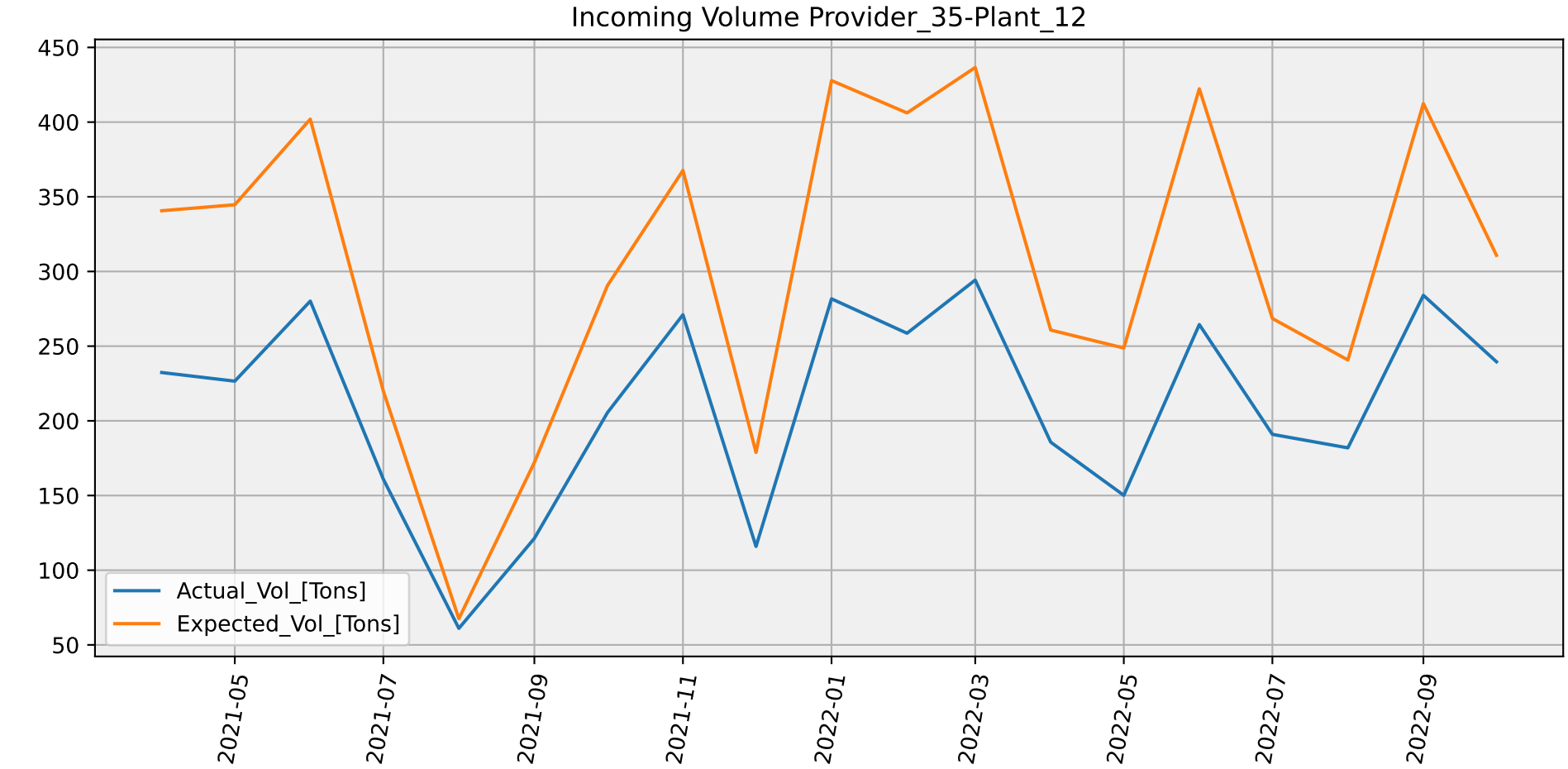

Production Level Plant_10
Production
7000
6000
5000
4000
3000
2000
2021-05
2021-07
2021-09
2021-11
2022-01
2022-03
2022-05
2022-07
2022-09

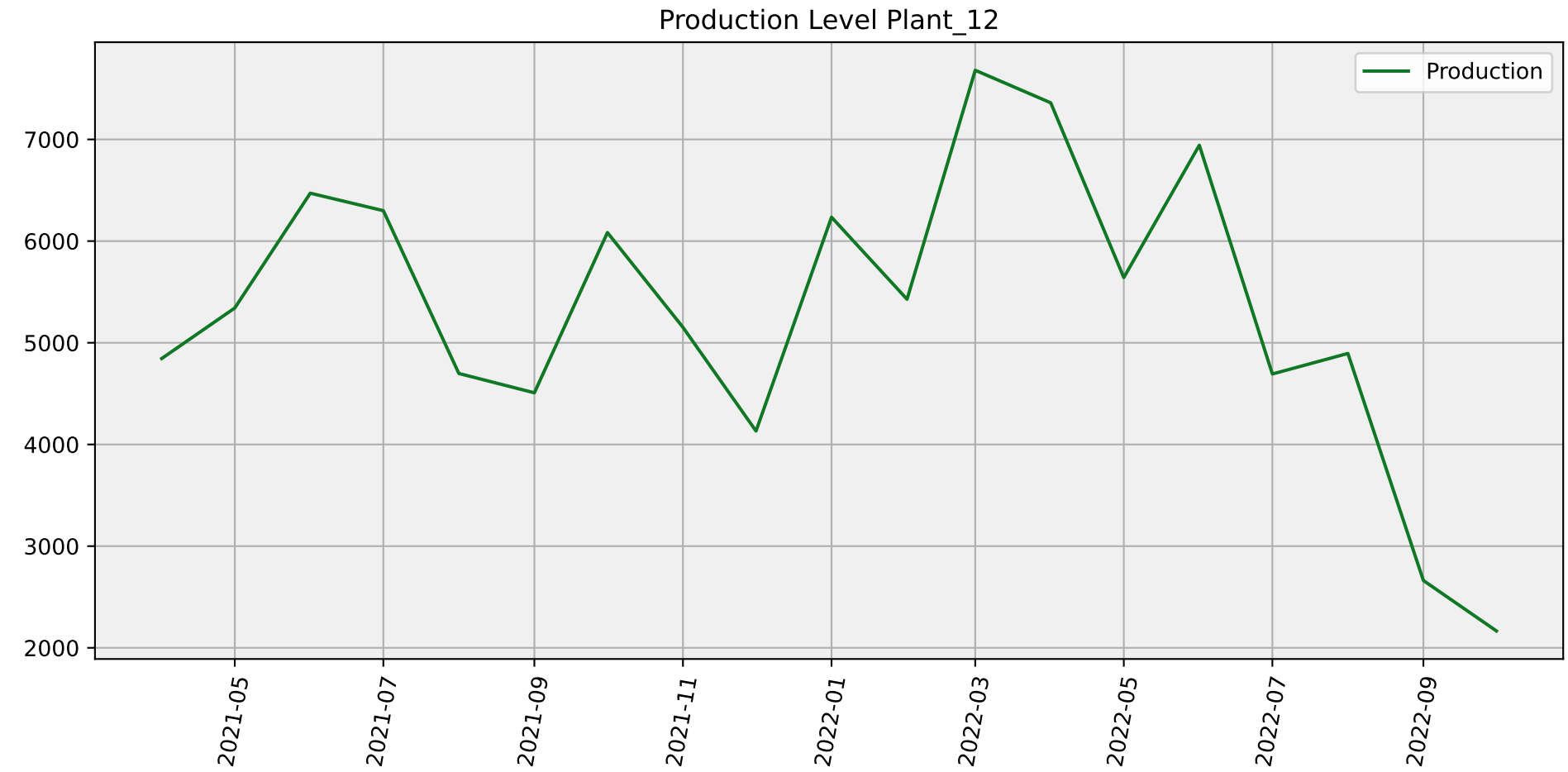

Volume/Production Ratio Provider_35-Plant_10
Vol/Prod_ratio_kg
40
35
30
25
20
15
10
2021-05
2021-07
2021-09
2021-11
2022-01
2022-03
2022-05
2022-07
2022-09

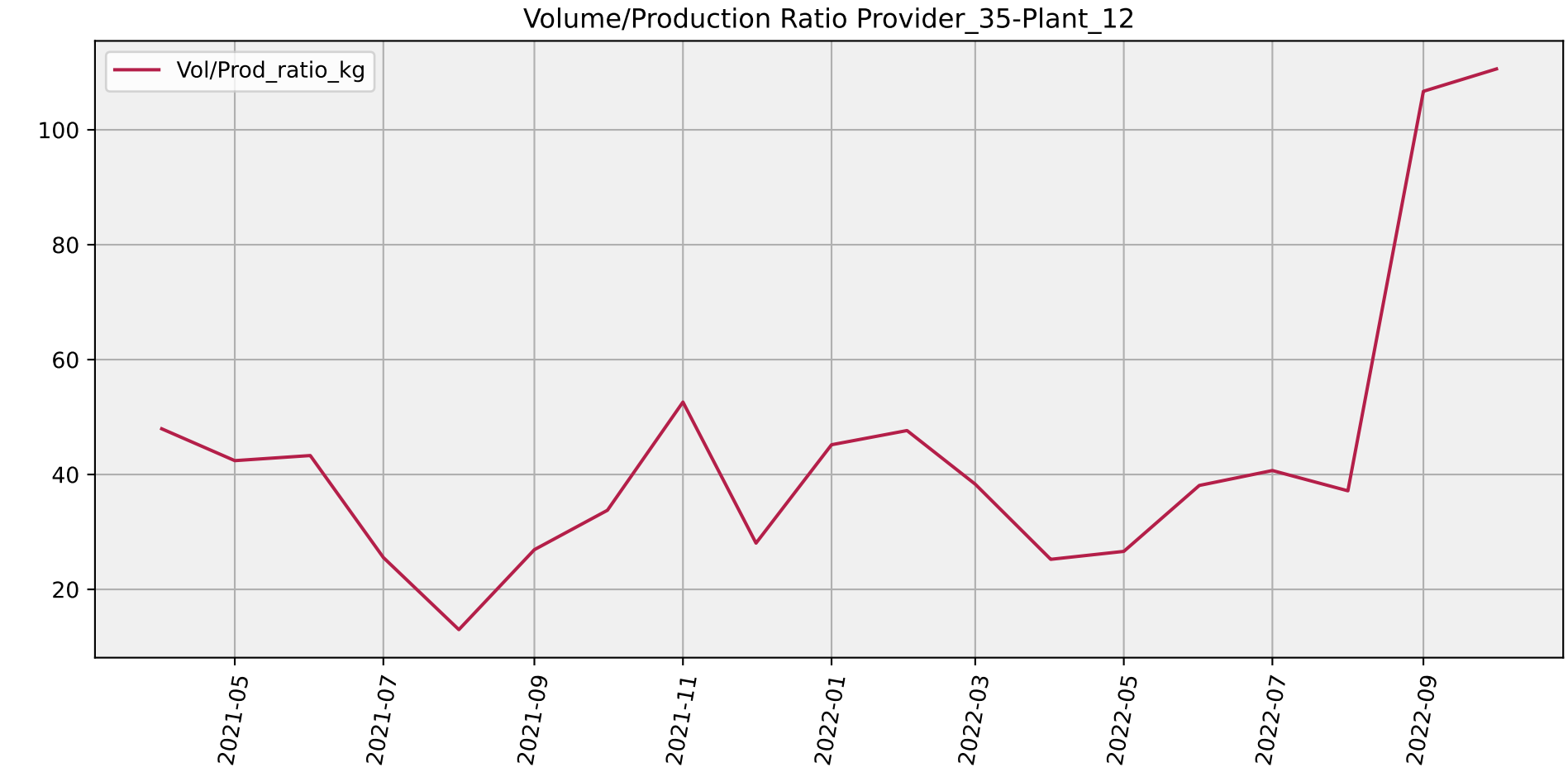

Incoming Volume Provider_35-Plant_11
Actual_Vol_[Tons]
Expected_Vol_[Tons]
0
5
10
15
20
2021-05
2021-07
2021-09
2021-11
2022-01
2022-03
2022-05
2022-07
2022-09


Production Level Plant_11
Production
4000
6000
8000
10000
12000
14000
16000
2021-05
2021-07
2021-09
2021-11
2022-01
2022-03
2022-05
2022-07
2022-09

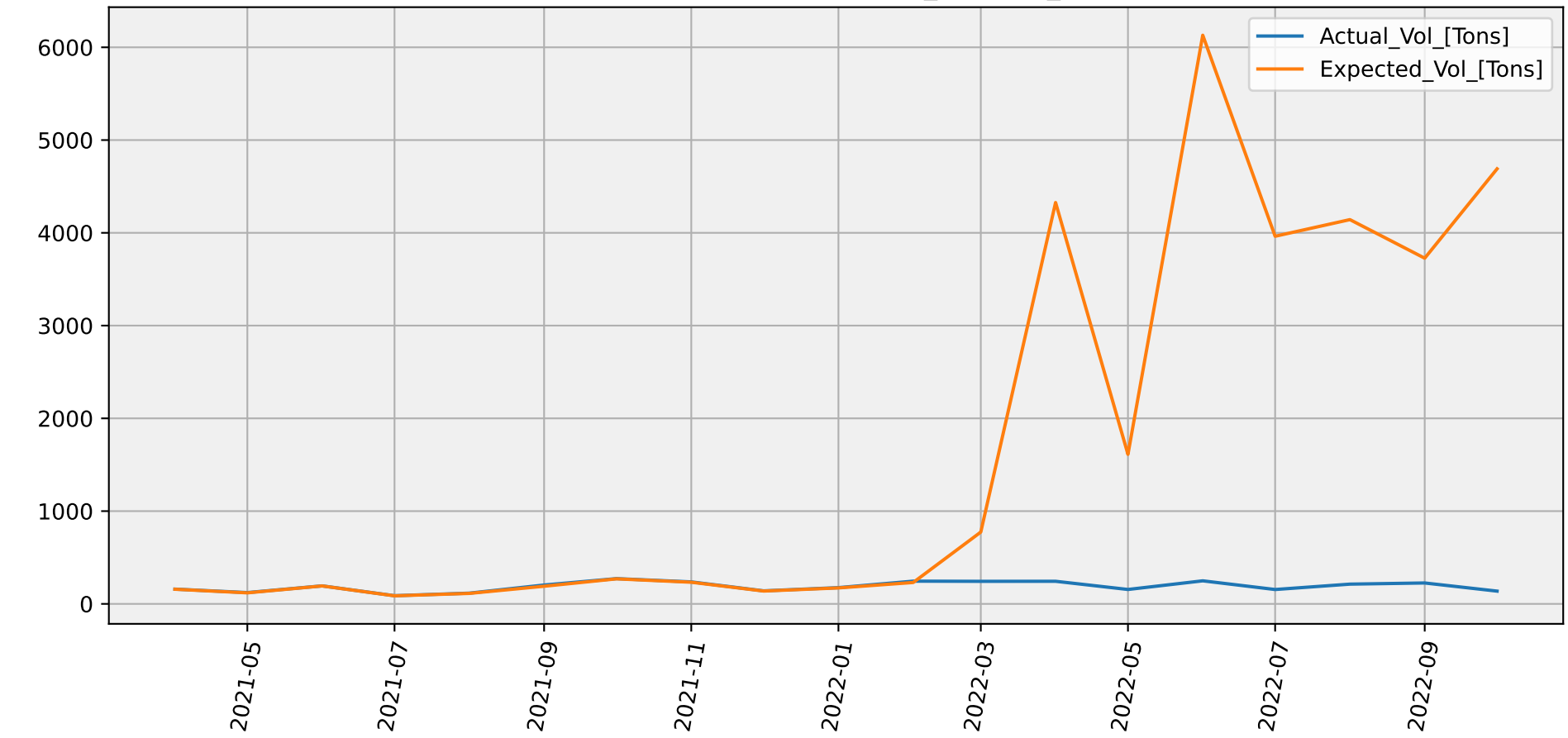

Volume/Production Ratio Provider_35-Plant_11
Vol/Prod_ratio_kg
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
2021-05
2021-07
2021-09
2021-11
2022-01
2022-03
2022-05
2022-07
2022-09


Incoming Volume Provider_35-Plant_12
Actual_Vol_[Tons]
Expected_Vol_[Tons]
450
400
350
300
250
200
150
100
50
2021-05
2021-07
2021-09
2021-11
2022-01
2022-03
2022-05
2022-07
2022-09

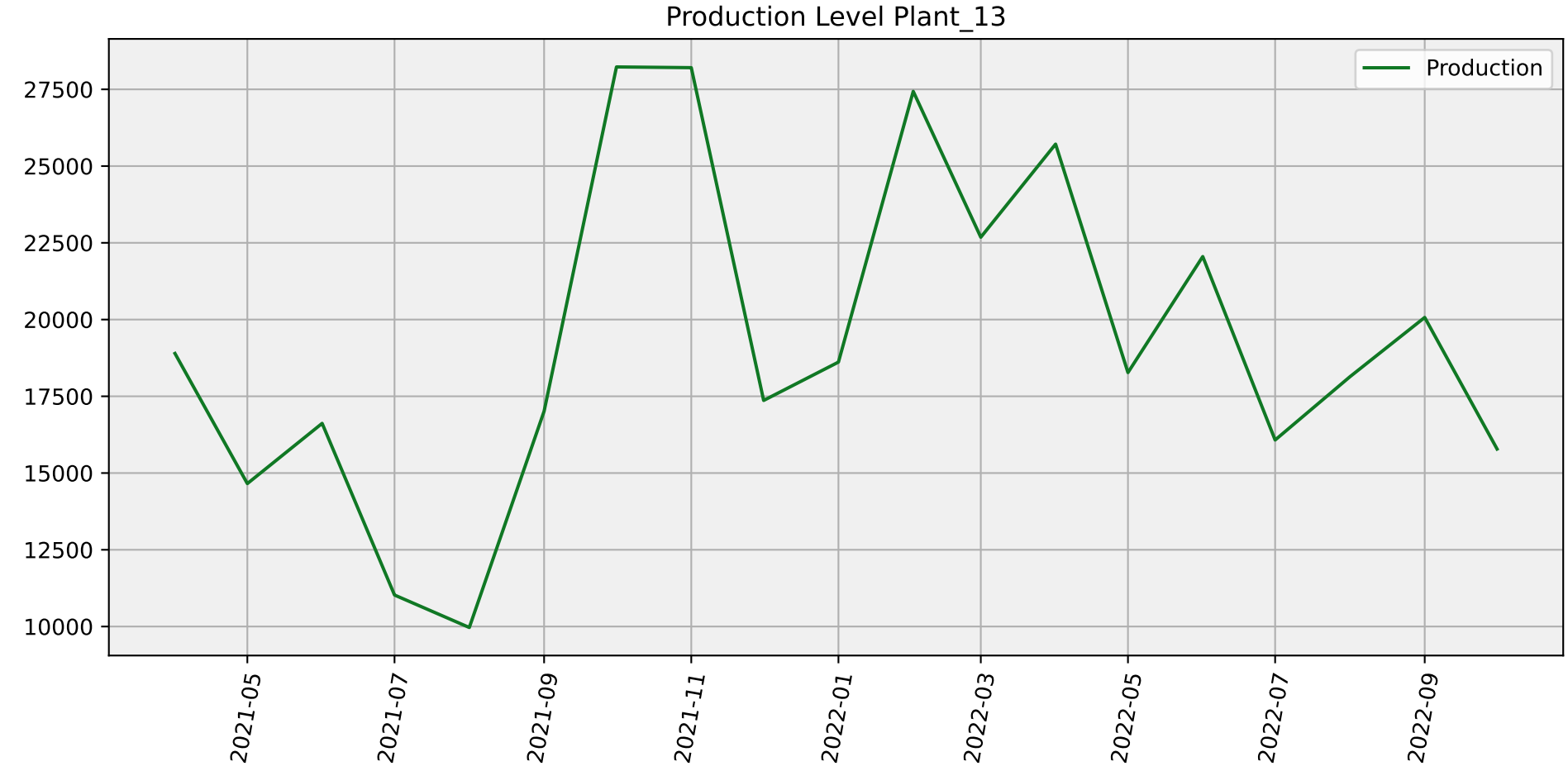

Production Level Plant_12
Production
7000
6000
5000
4000
3000
2000
2021-05
2021-07
2021-09
2021-11
2022-01
2022-03
2022-05
2022-07
2022-09


Volume/Production Ratio Provider_35-Plant_12
Vol/Prod_ratio_kg
100
80
60
40
20
2021-05
2021-07
2021-09
2021-11
2022-01
2022-03
2022-05
2022-07
2022-09

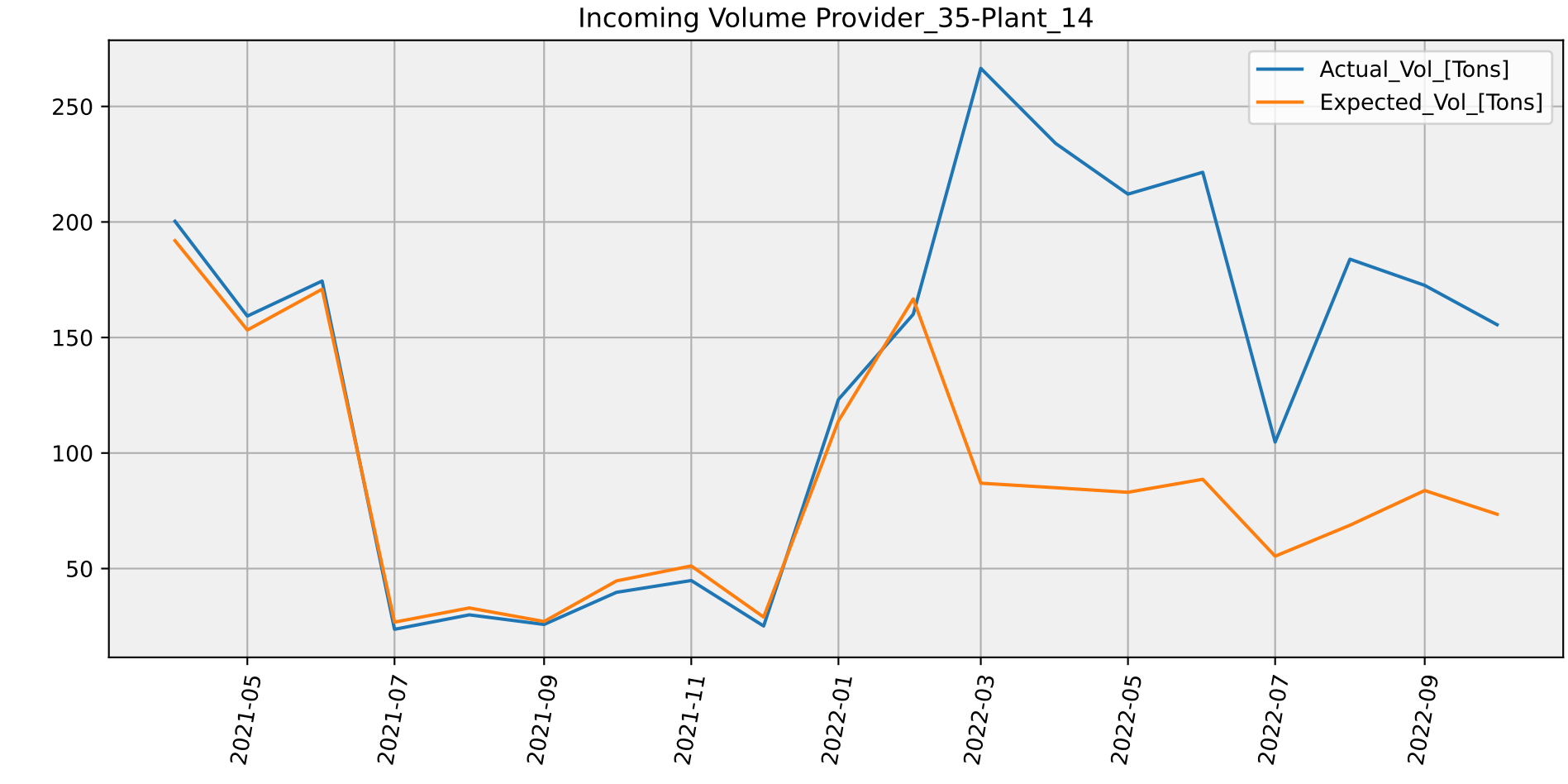
Incoming Volume Provider_35-Plant_13

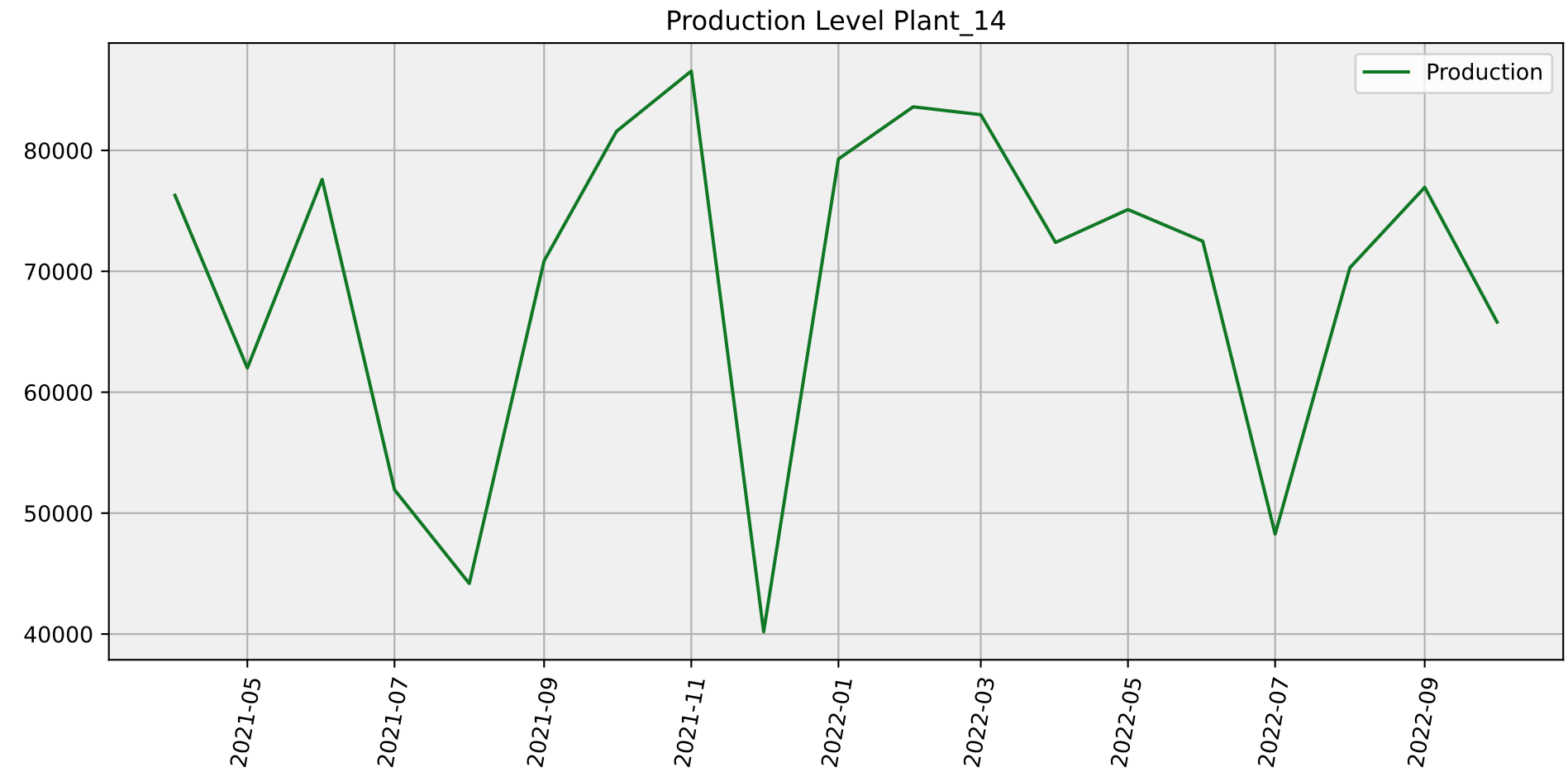


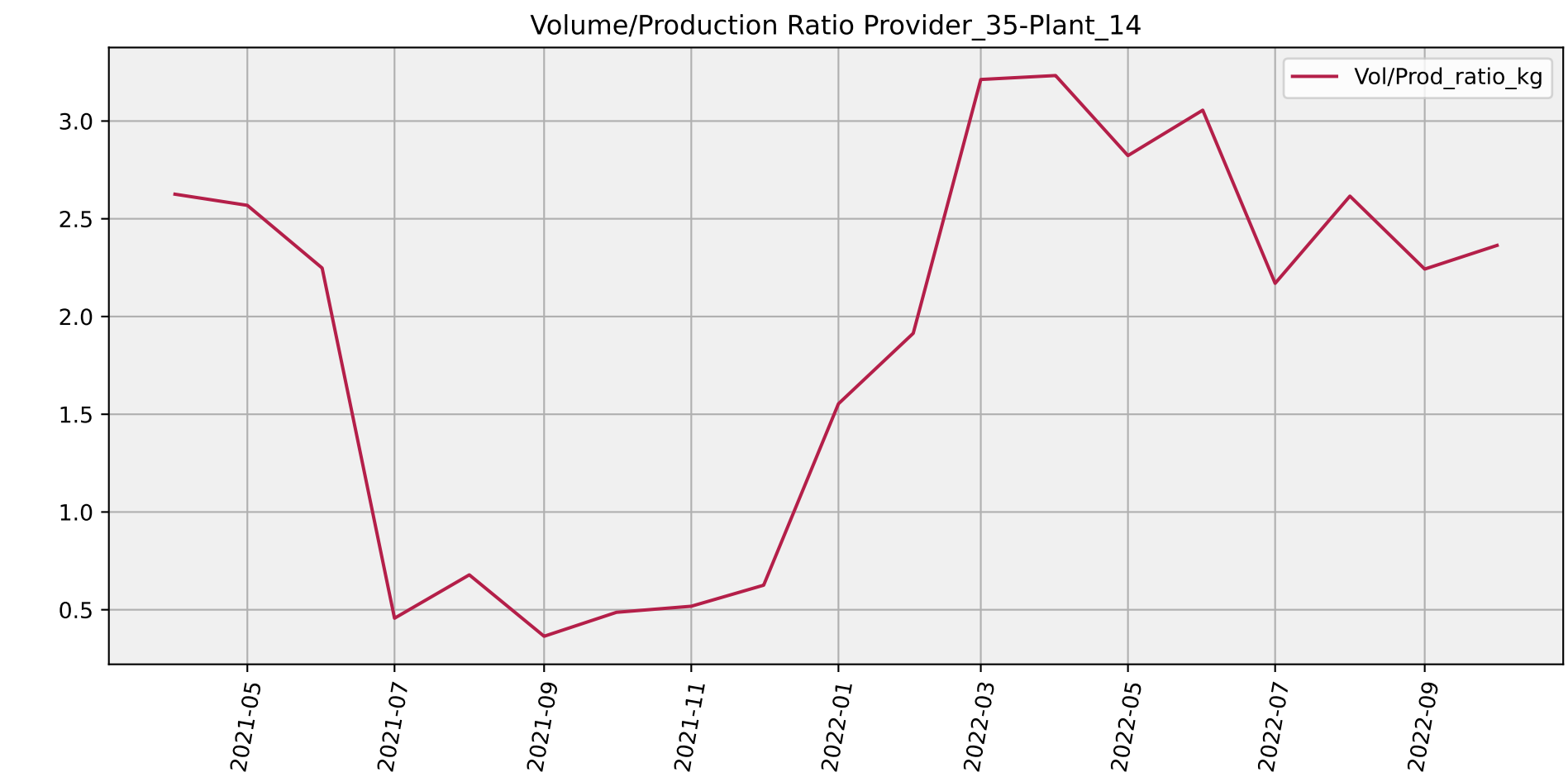
Production Level Plant_13

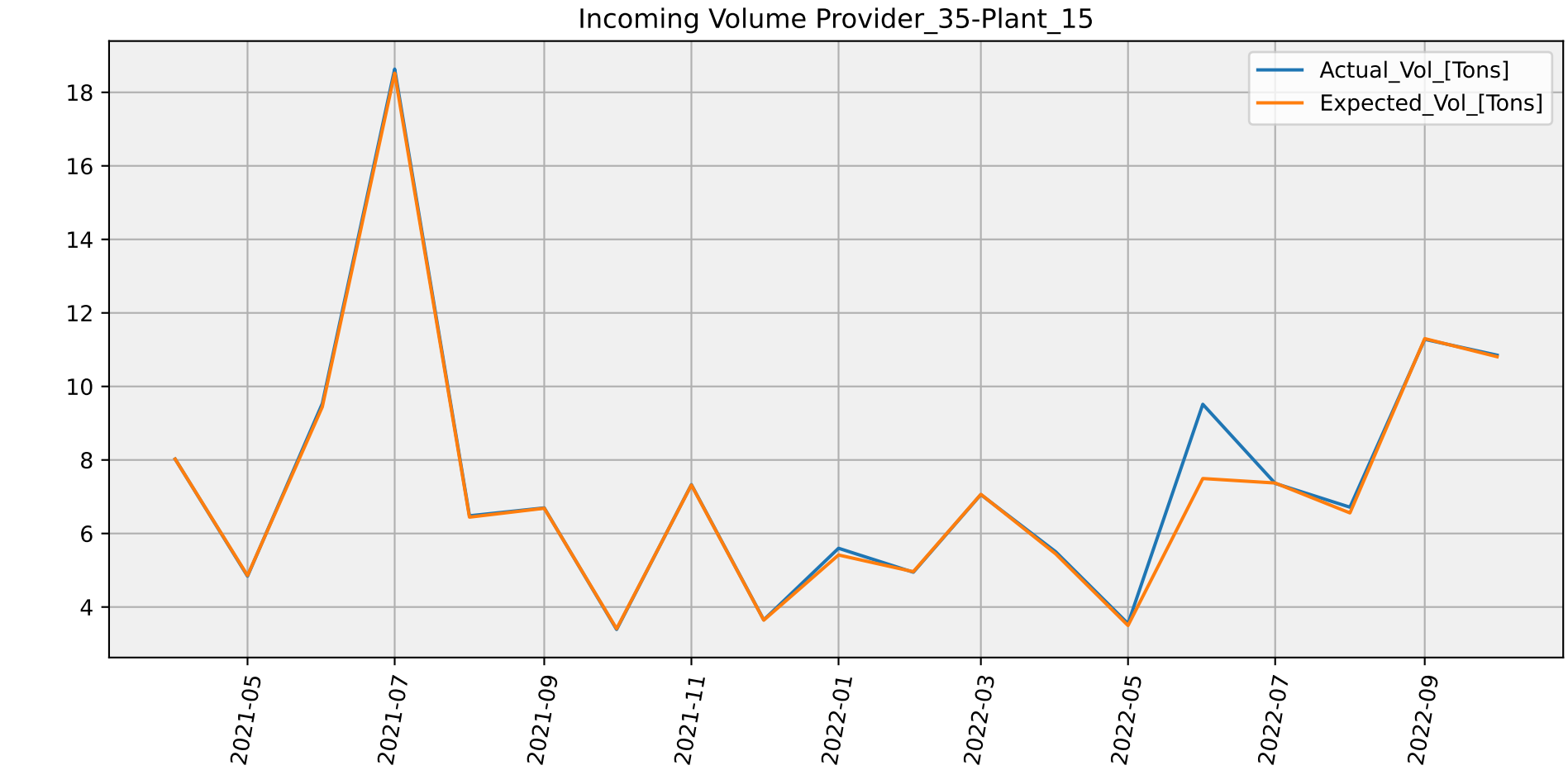


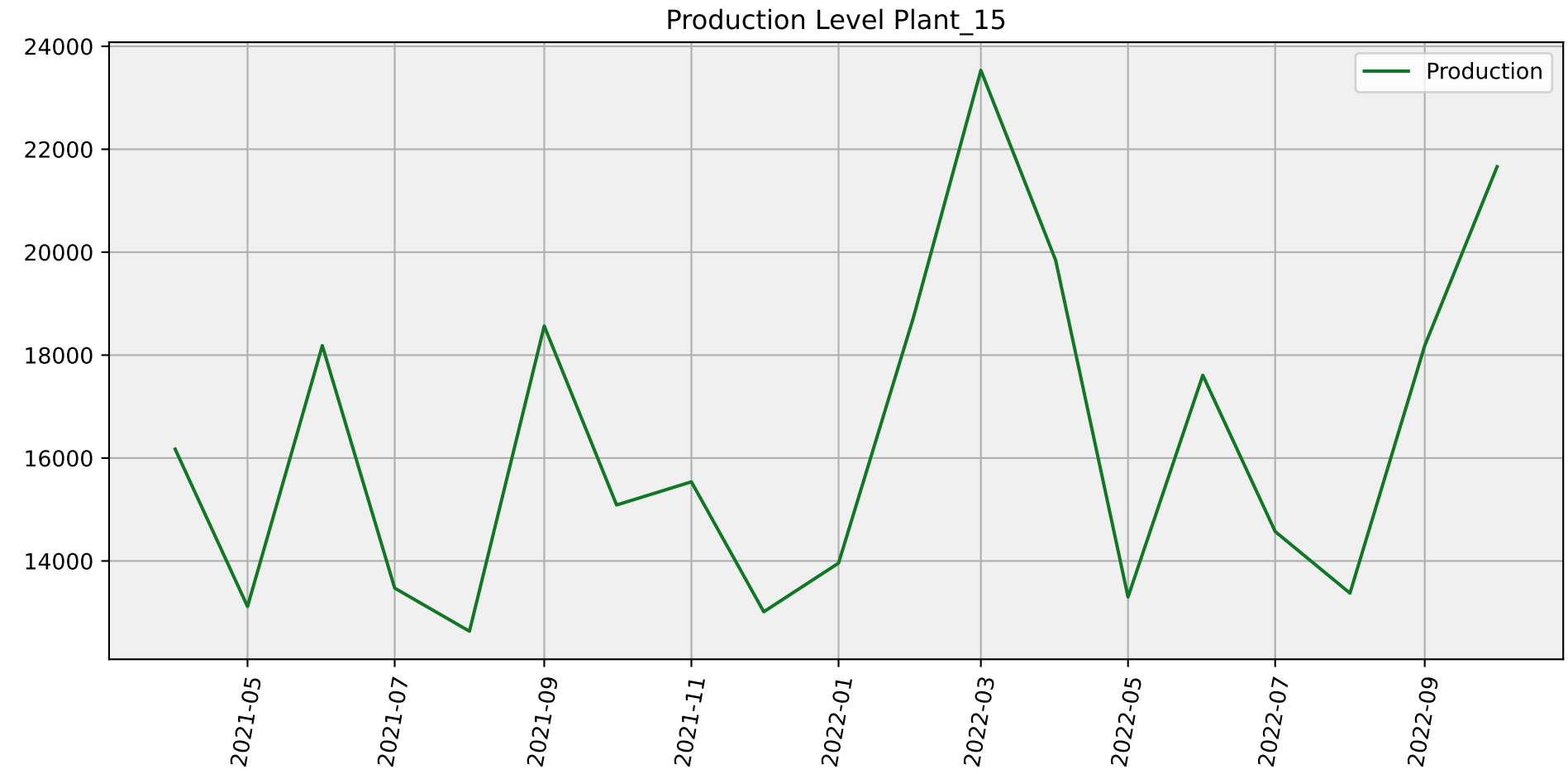
Volume/Production Ratio Provider_35-Plant_13

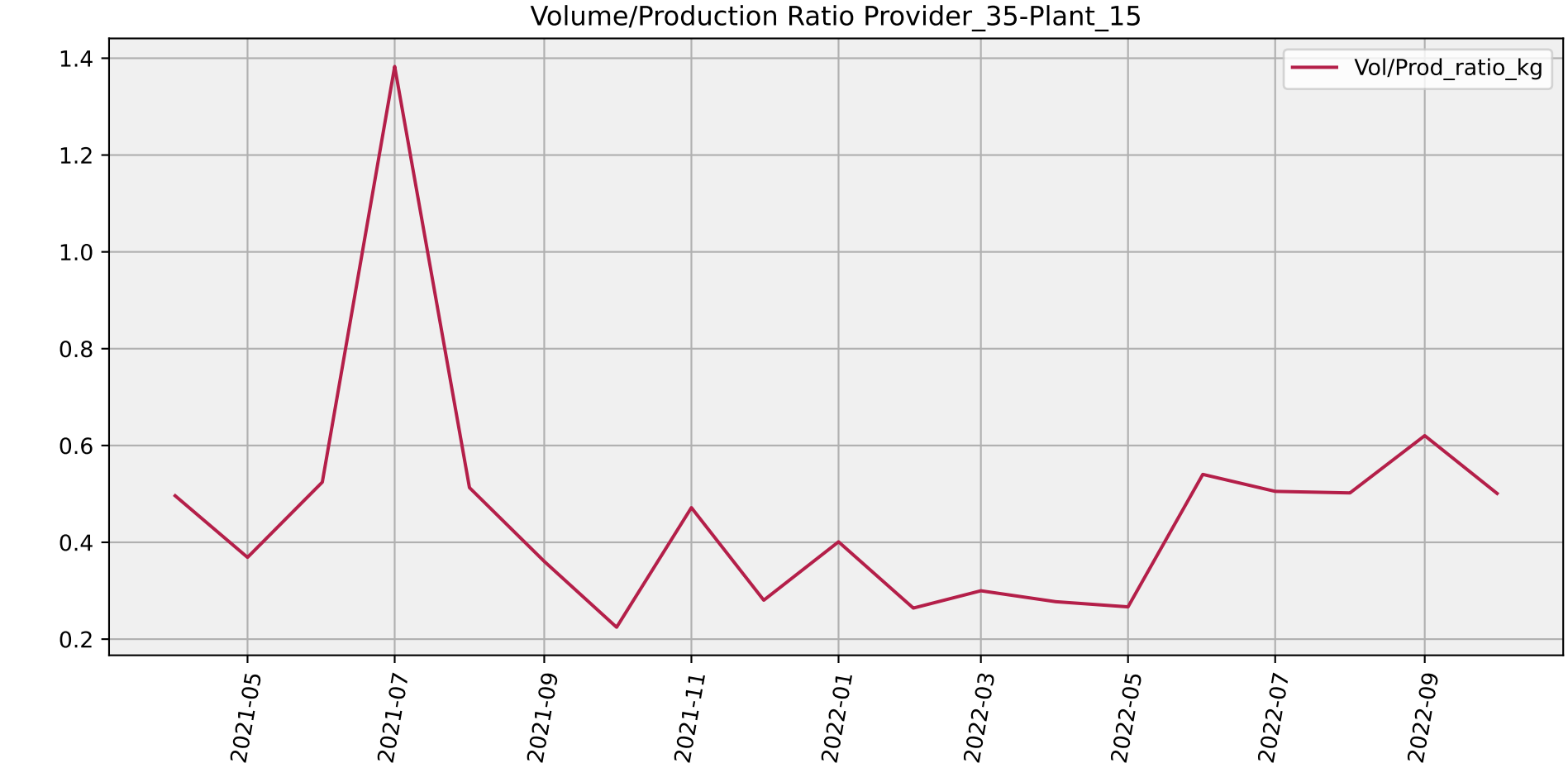

Incoming Volume Provider_35-Plant_14
Actual_Vol_[Tons]
Expected_Vol_[Tons]
250
200
150
100
50
2021-05
2021-07
2021-09
2021-11
2022-01
2022-03
2022-05
2022-07
2022-09


Production Level Plant_14
Production
80000
70000
60000
50000
40000
2021-05
2021-07
2021-09
2021-11
2022-01
2022-03
2022-05
2022-07
2022-09

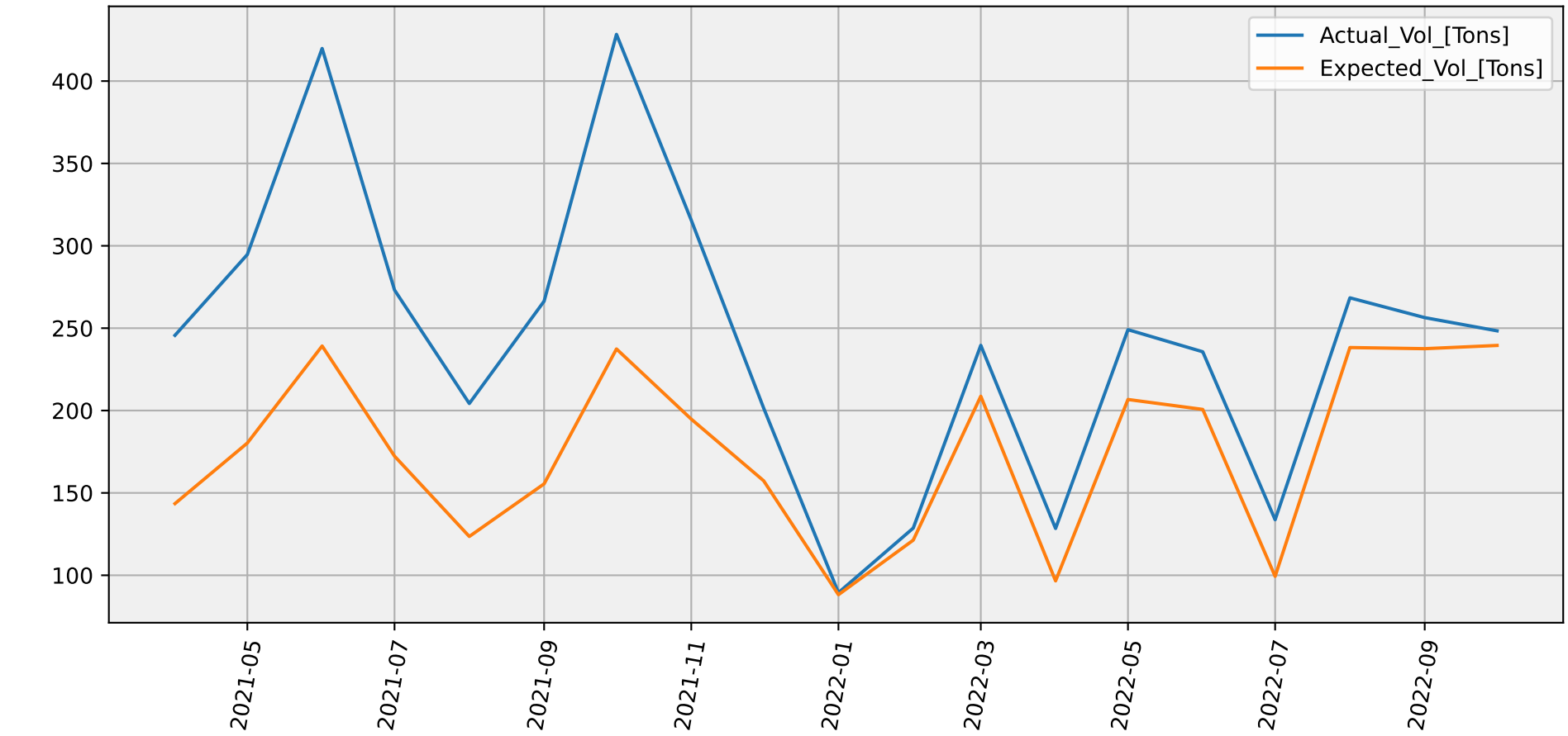

Volume/Production Ratio Provider_35-Plant_14
Vol/Prod_ratio_kg
3.0
2.5
2.0
1.5
1.0
0.5
2021-05
2021-07
2021-09
2021-11
2022-01
2022-03
2022-05
2022-07
2022-09


Incoming Volume Provider_35-Plant_15
Actual_Vol_[Tons]
Expected_Vol_[Tons]
18
16
14
12
10
8
6
4
2021-05
2021-07
2021-09
2021-11
2022-01
2022-03
2022-05
2022-07
2022-09

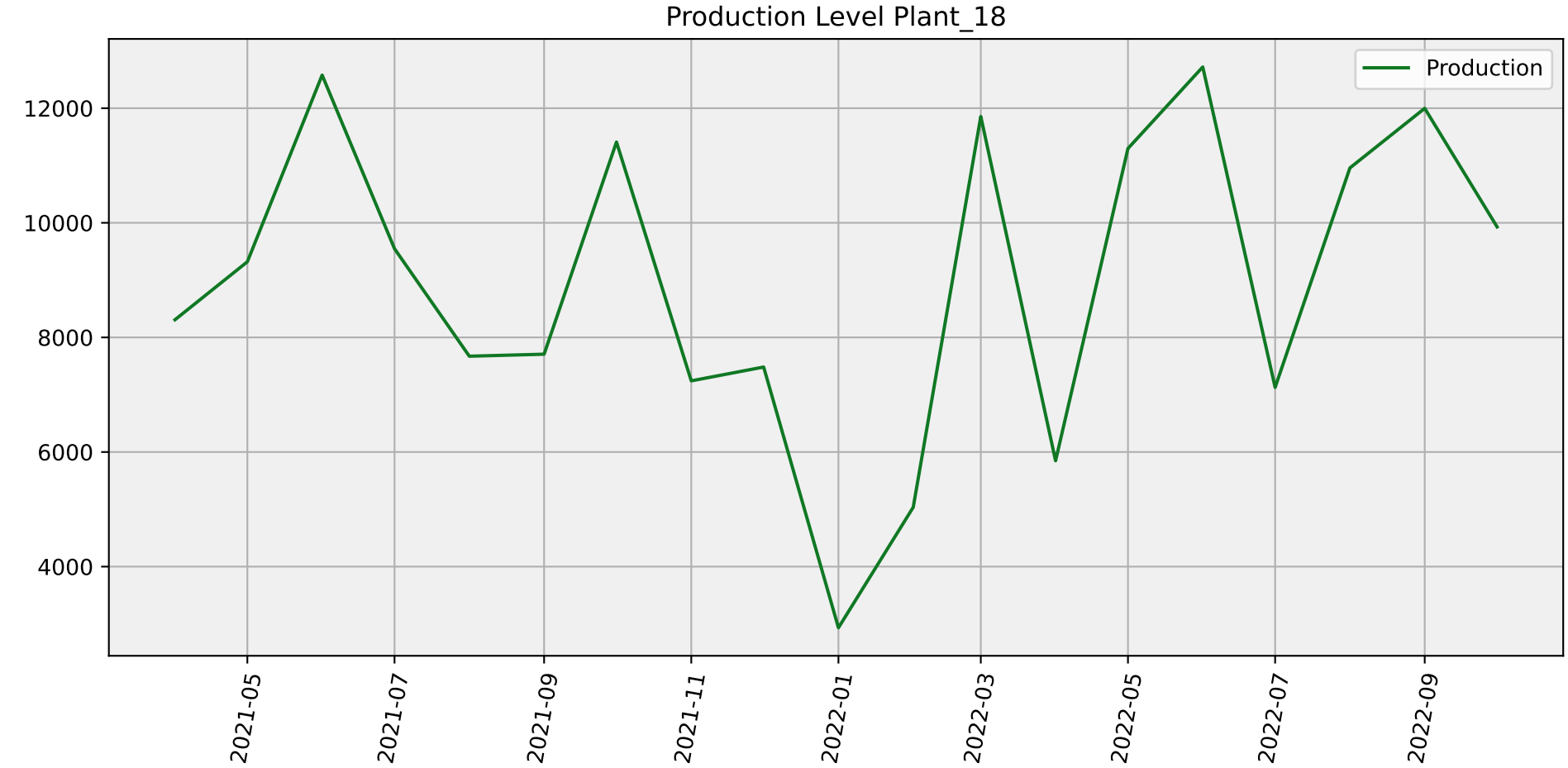

Production Level Plant_15
Production
24000
22000
20000
18000
16000
14000
2021-05
2021-07
2021-09
2021-11
2022-01
2022-03
2022-05
2022-07
2022-09


Volume/Production Ratio Provider_35-Plant_15
Vol/Prod_ratio_kg
1.4
1.2
1.0
0.8
0.6
0.4
0.2
2021-05
2021-07
2021-09
2021-11
2022-01
2022-03
2022-05
2022-07
2022-09

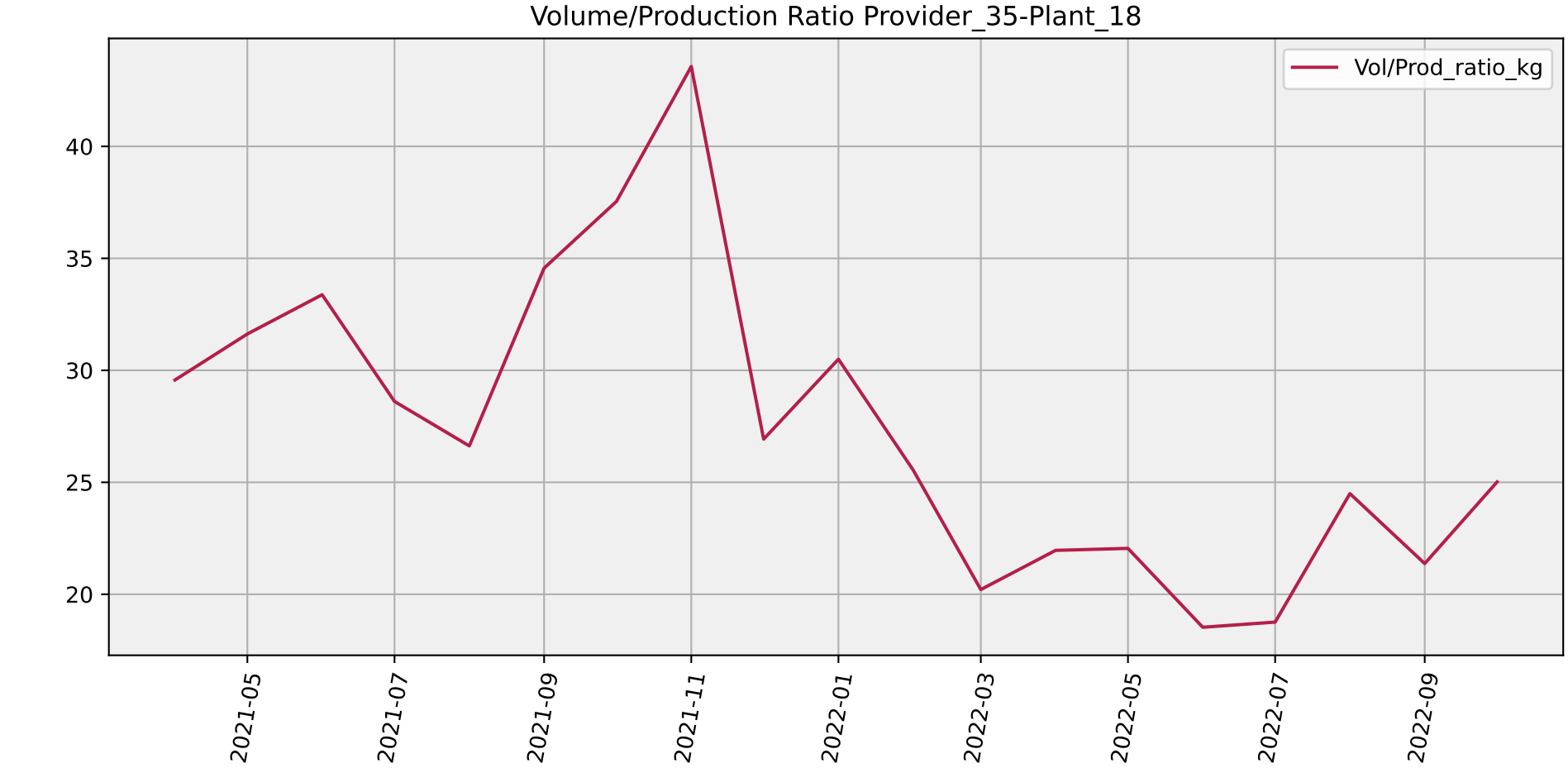
Incoming Volume Provider_35-Plant_18

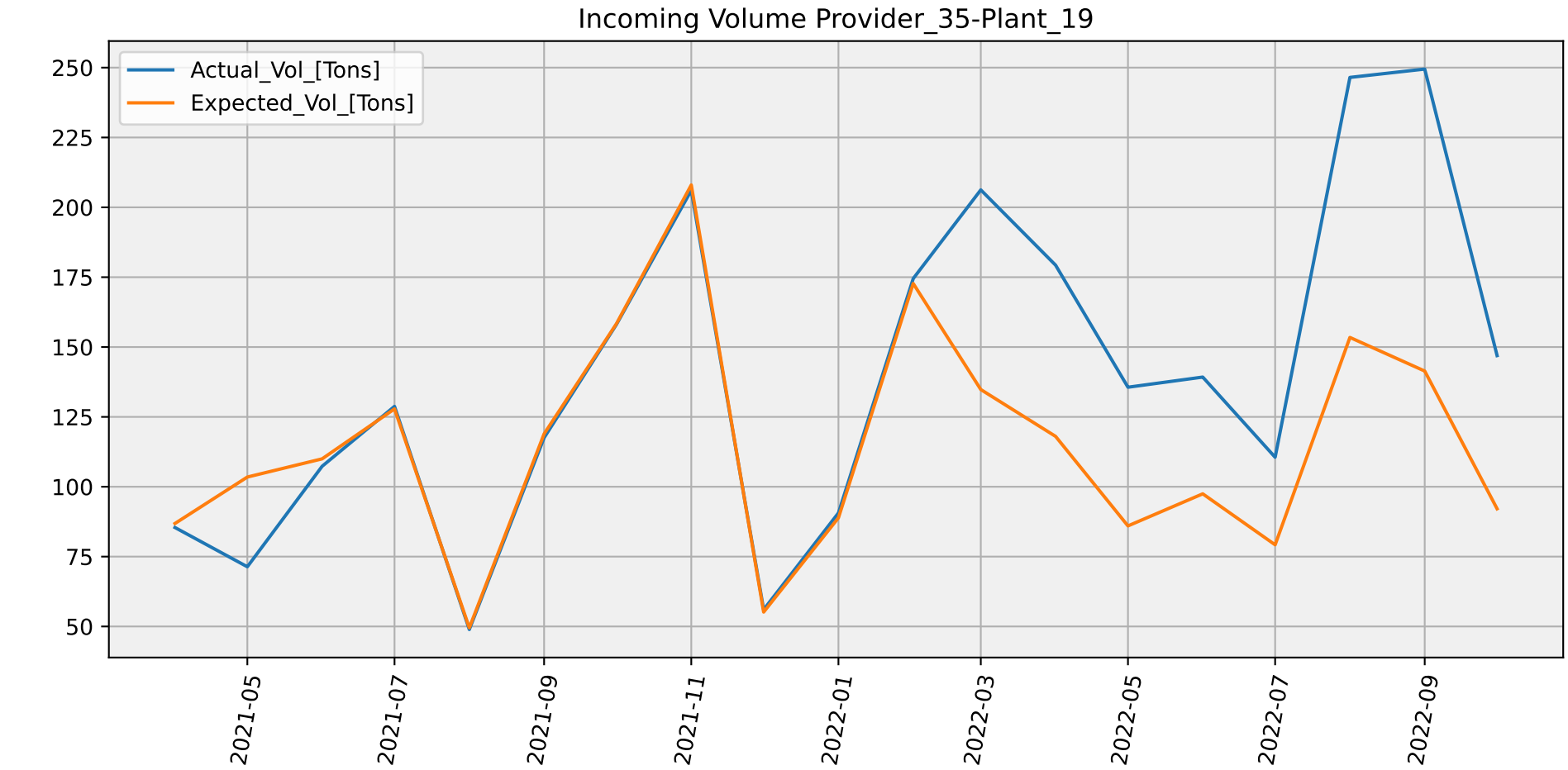


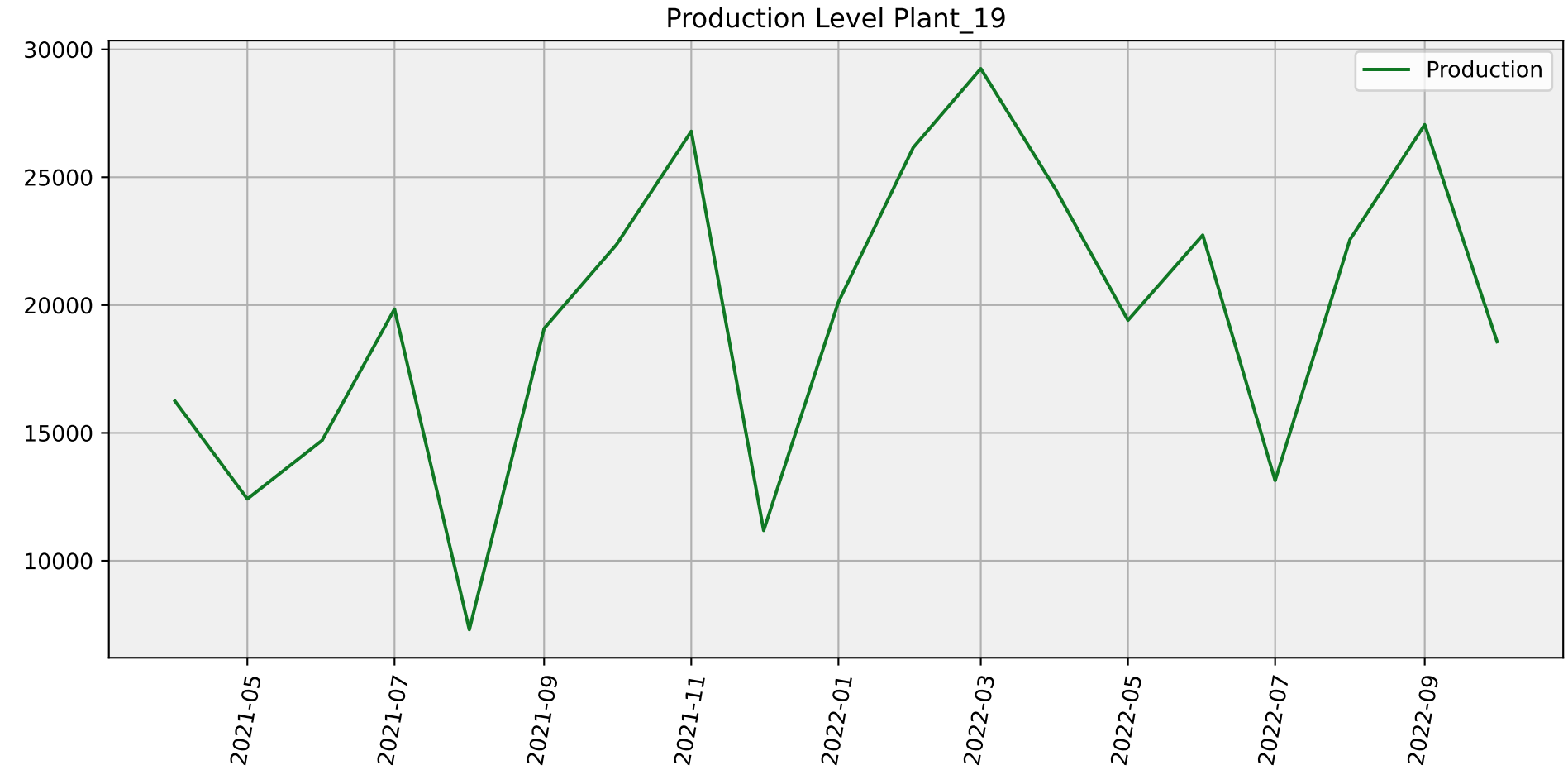
Production Level Plant_18

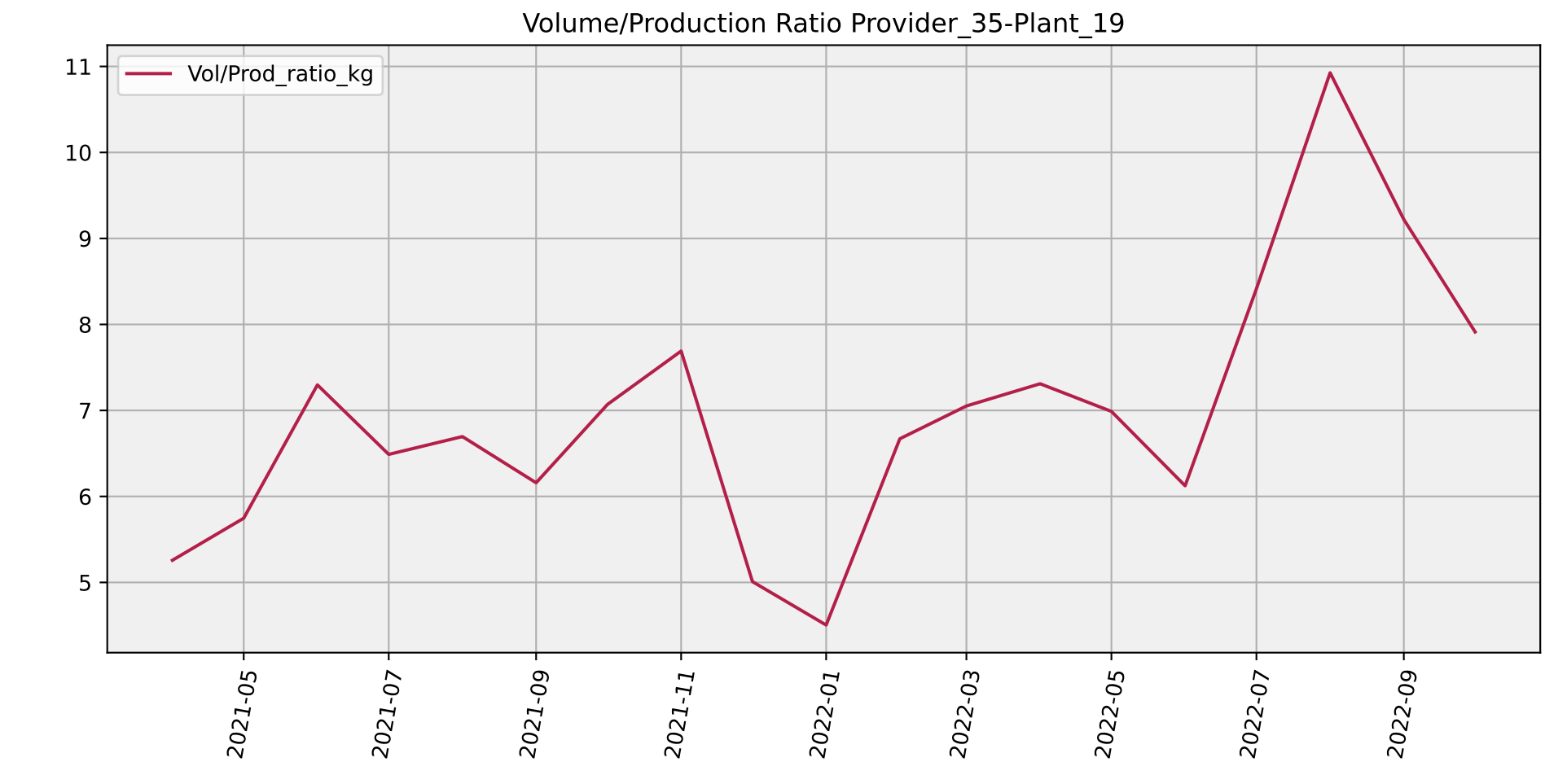


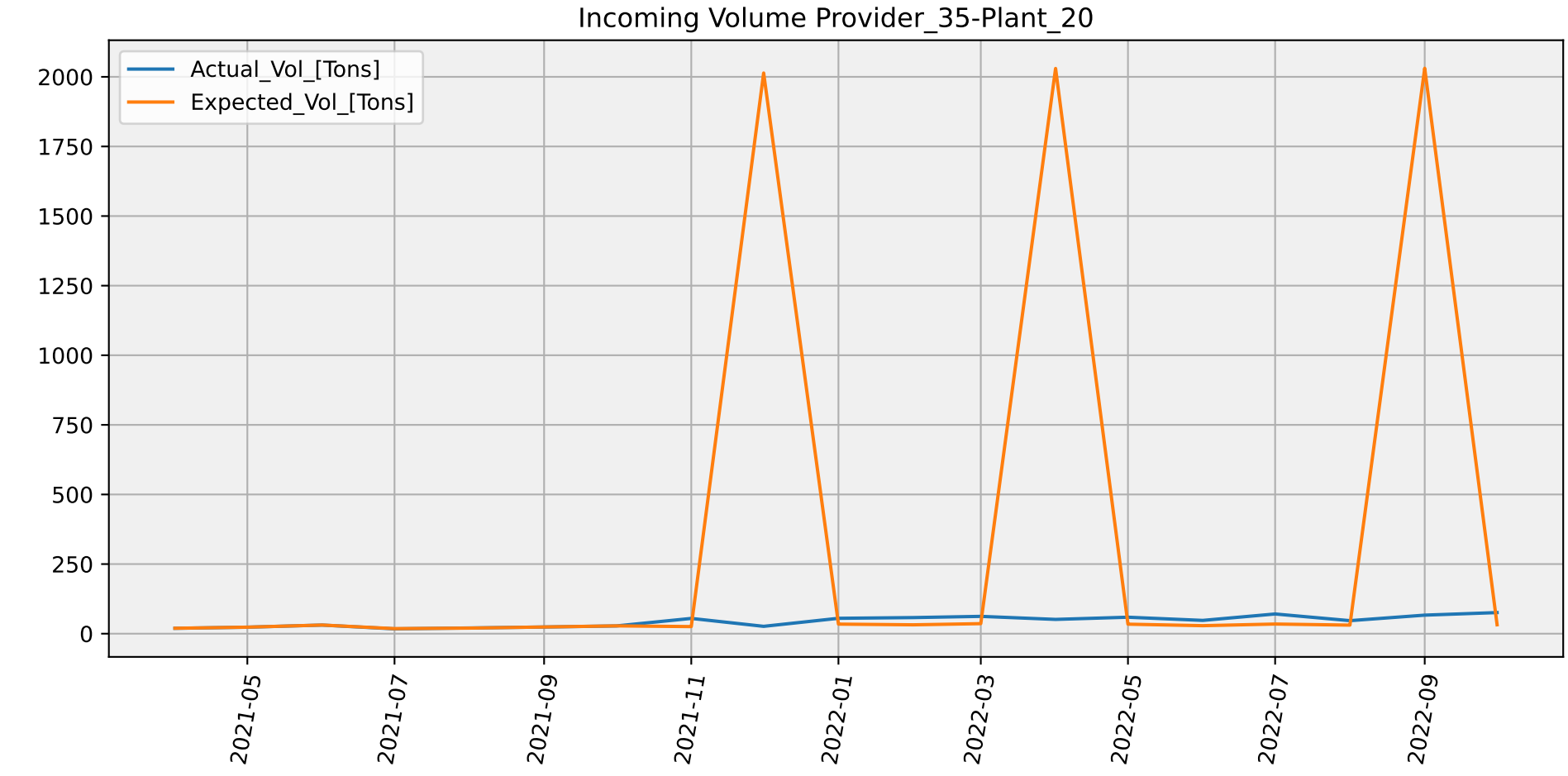
Volume/Production Ratio Provider_35-Plant_18

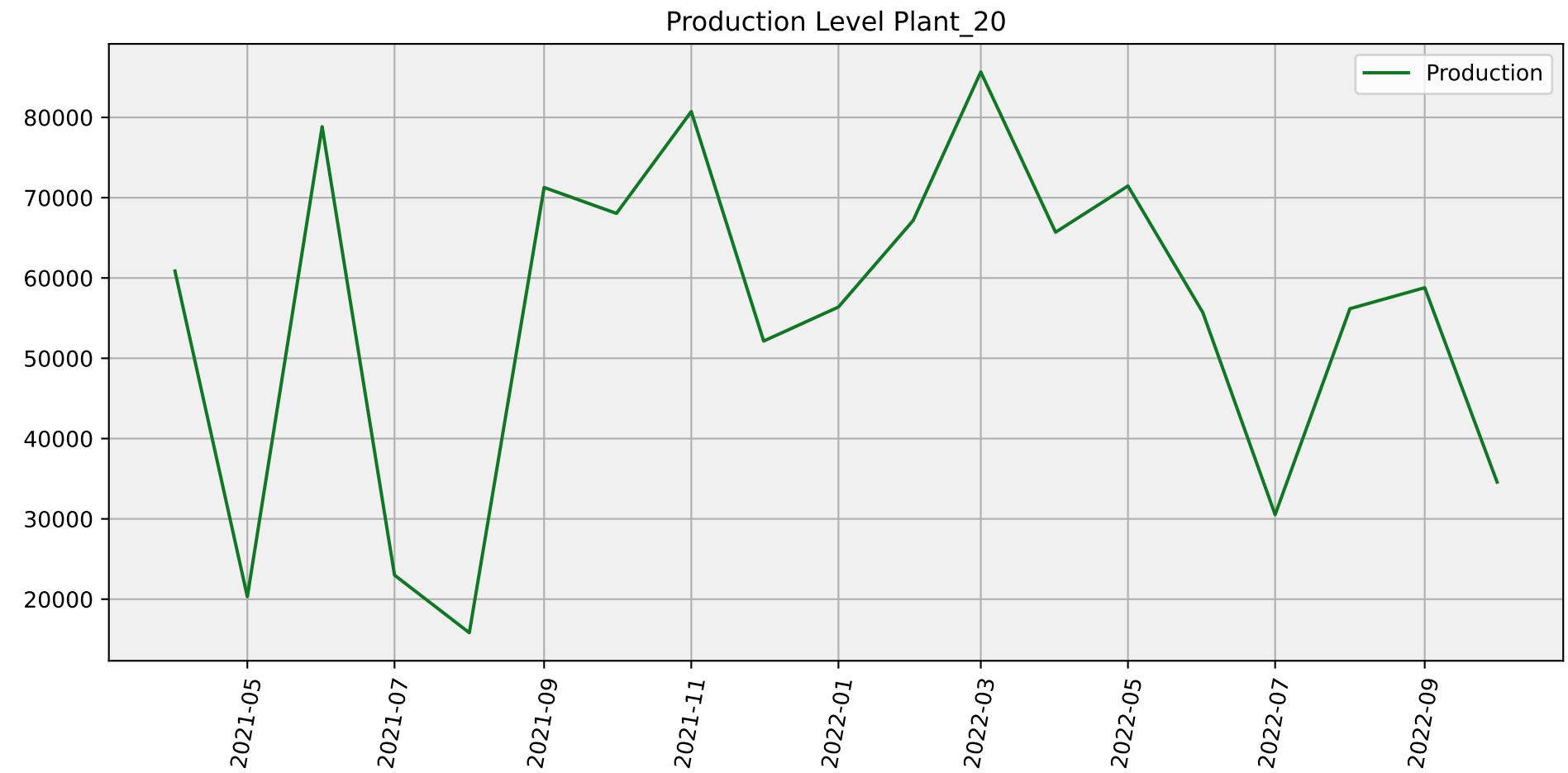


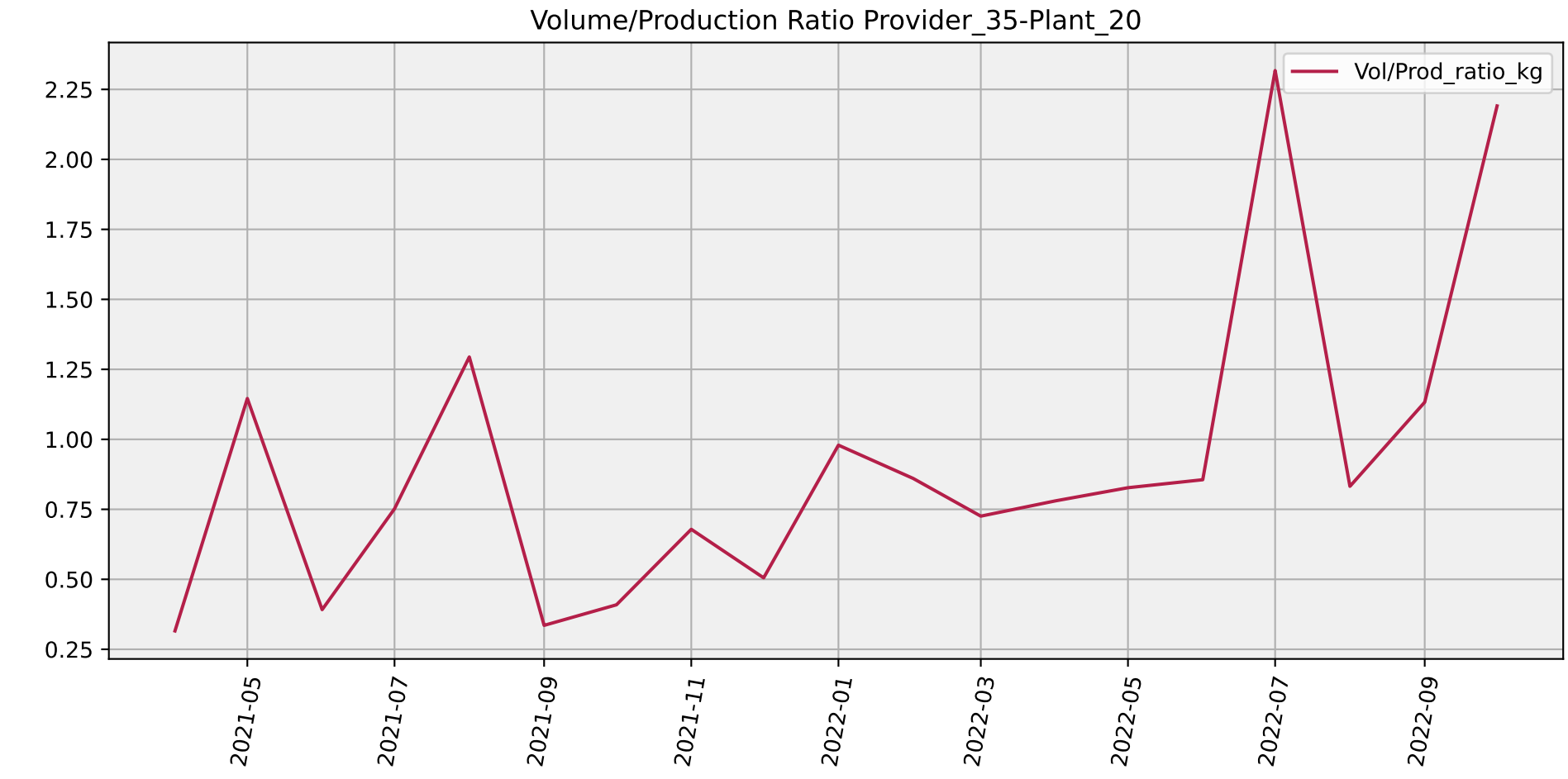

Incoming Volume Provider_35-Plant_19
Actual_Vol_[Tons]
Expected_Vol_[Tons]
250
225
200
175
150
125
100
75
50
2021-05
2021-07
2021-09
2021-11
2022-01
2022-03
2022-05
2022-07
2022-09

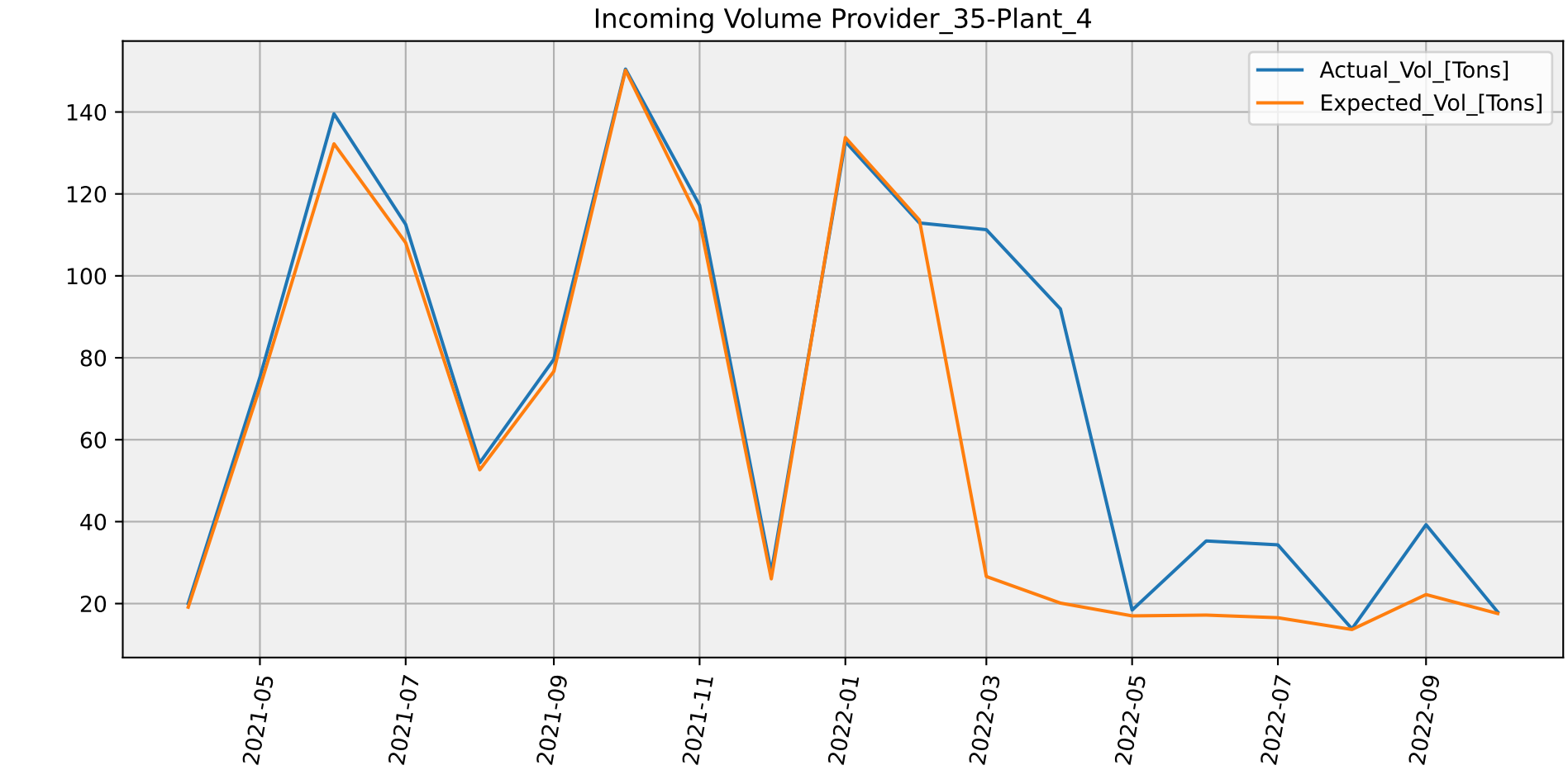

Production Level Plant_19
Production
30000
25000
20000
15000
10000
2021-05
2021-07
2021-09
2021-11
2022-01
2022-03
2022-05
2022-07
2022-09

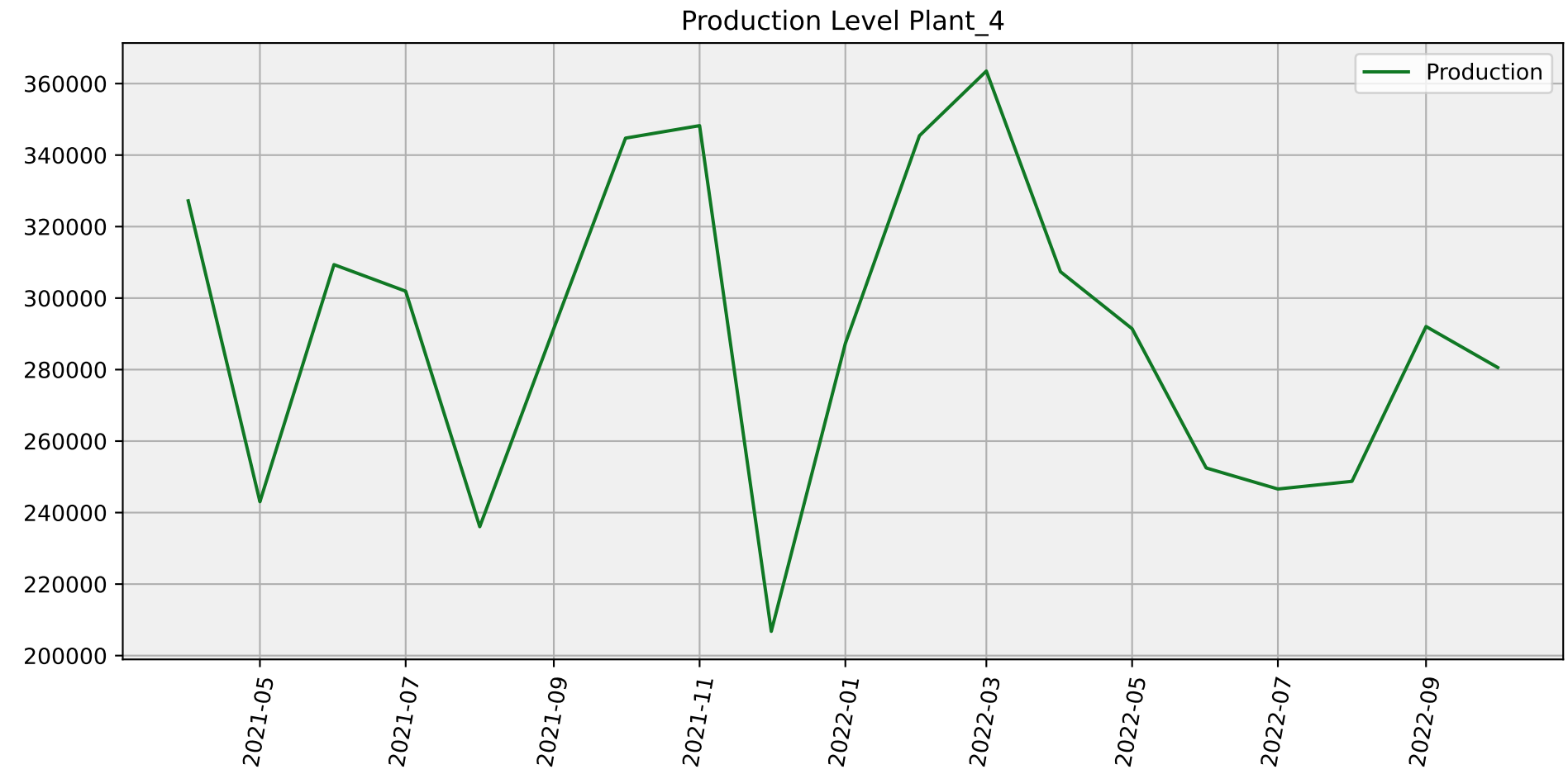

Volume/Production Ratio Provider_35-Plant_19
Vol/Prod_ratio_kg
11
10
9
8
7
6
5
2021-05
2021-07
2021-09
2021-11
2022-01
2022-03
2022-05
2022-07
2022-09

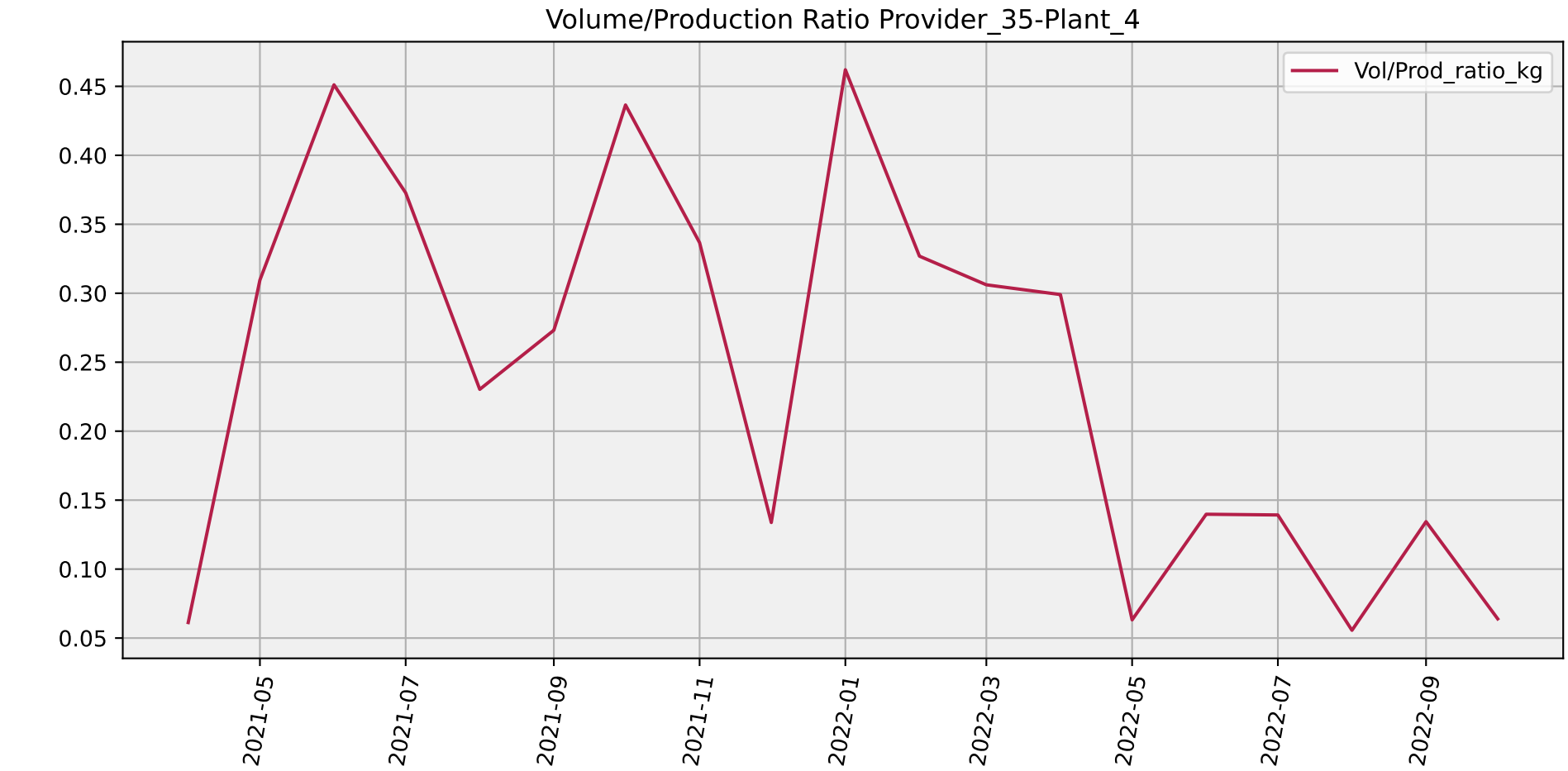

Incoming Volume Provider_35-Plant_20
Actual_Vol_[Tons]
Expected_Vol_[Tons]
2000
1750
1500
1250
1000
750
500
250
0
2021-05
2021-07
2021-09
2021-11
2022-01
2022-03
2022-05
2022-07
2022-09

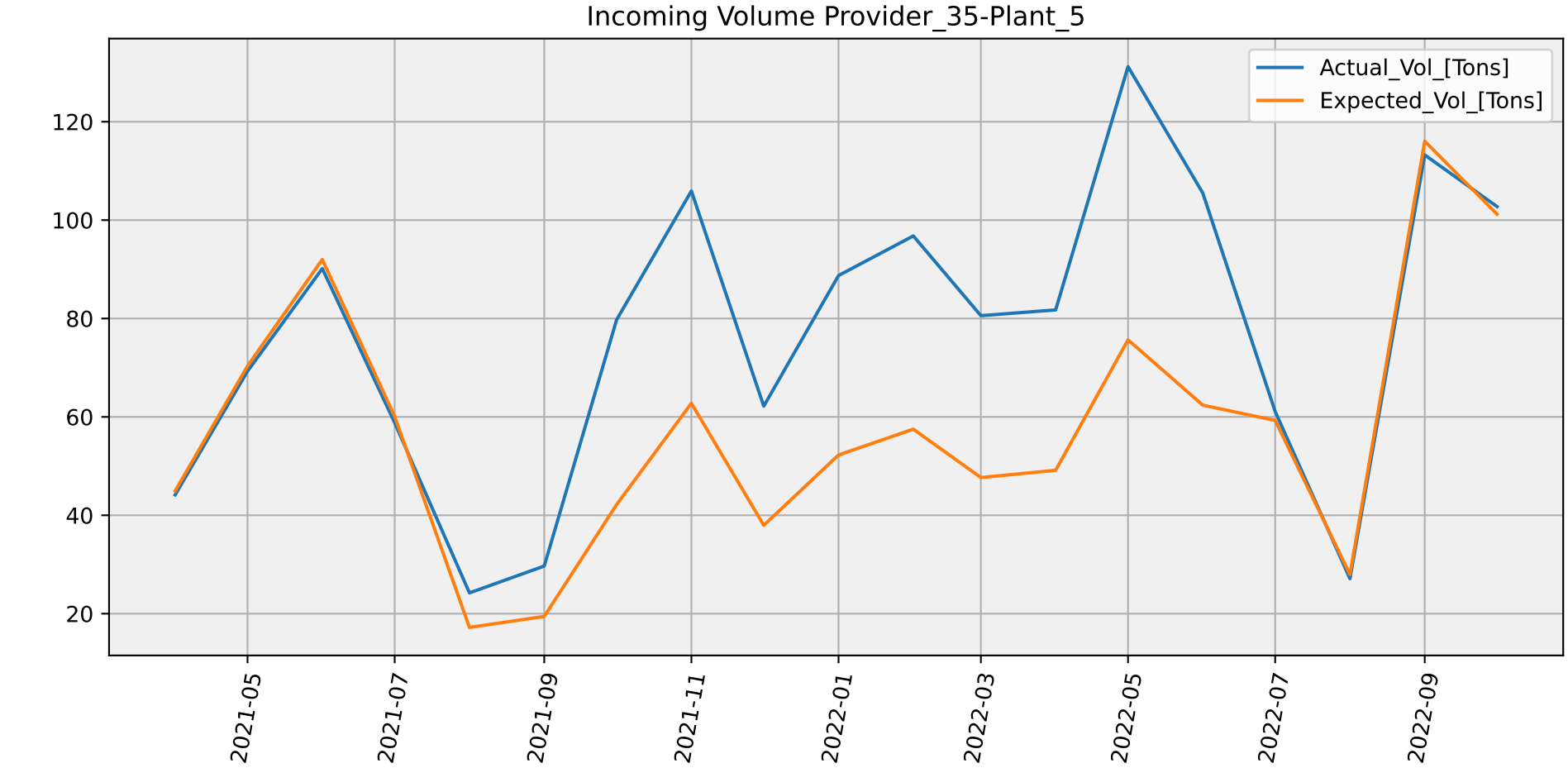

Production Level Plant_20
Production
80000
70000
60000
50000
40000
30000
20000
2021-05
2021-07
2021-09
2021-11
2022-01
2022-03
2022-05
2022-07
2022-09

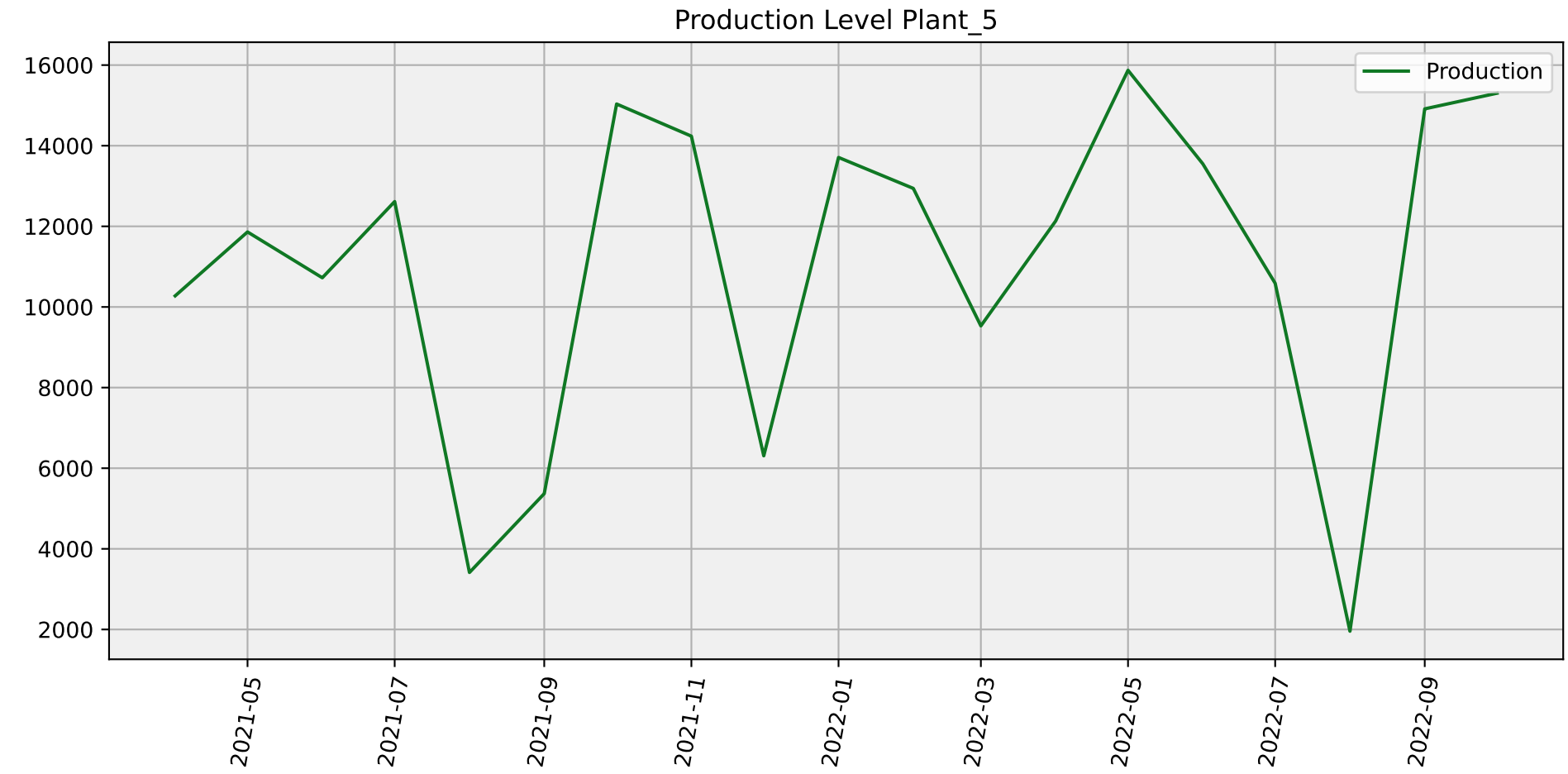

Volume/Production Ratio Provider_35-Plant_20
Vol/Prod_ratio_kg
2.25
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
2021-05
2021-07
2021-09
2021-11
2022-01
2022-03
2022-05
2022-07
2022-09

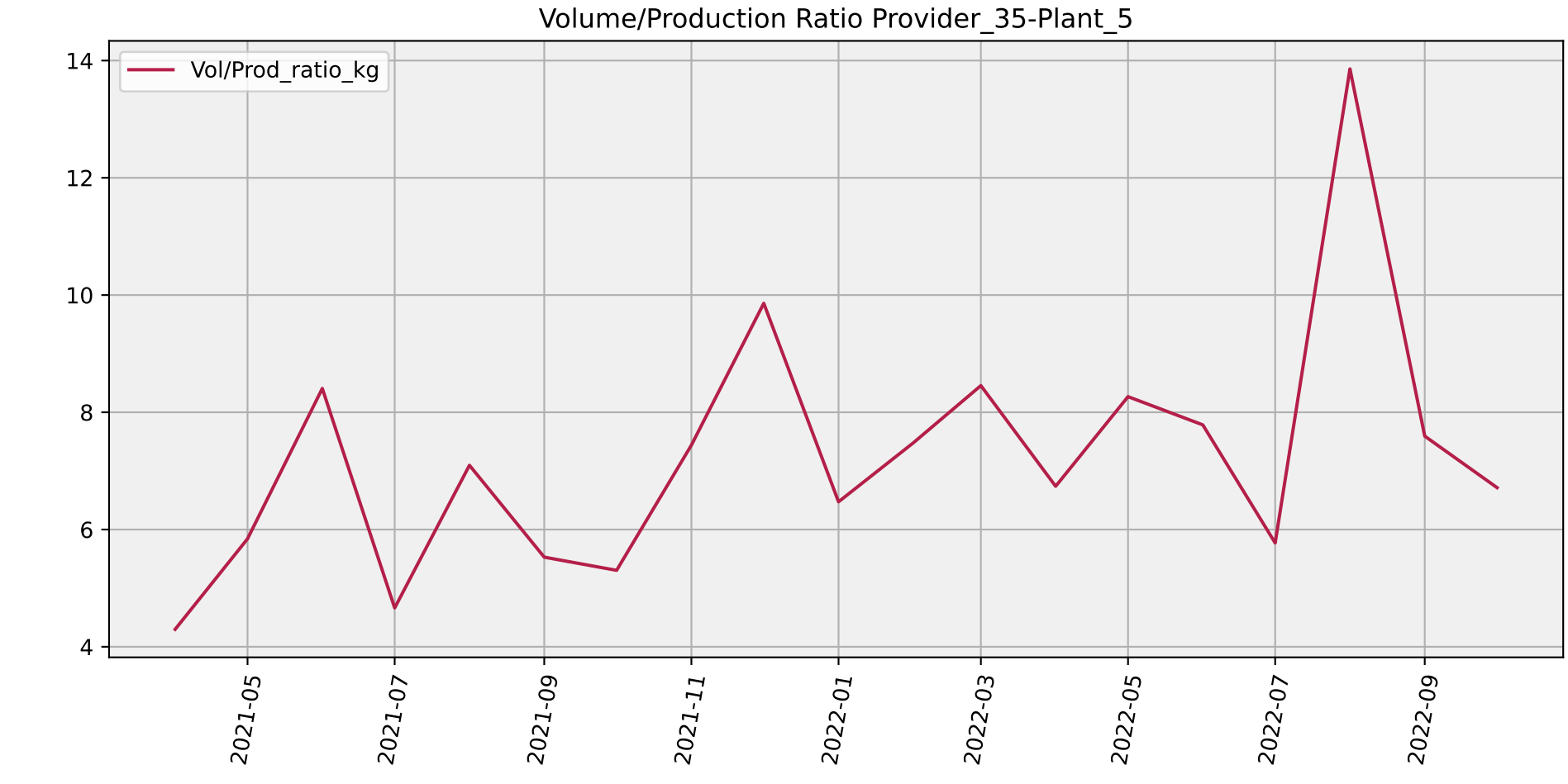

Incoming Volume Provider_35-Plant_4
Actual_Vol_[Tons]
Expected_Vol_[Tons]
140
120
100
80
60
40
20
2021-05
2021-07
2021-09
2021-11
2022-01
2022-03
2022-05
2022-07
2022-09

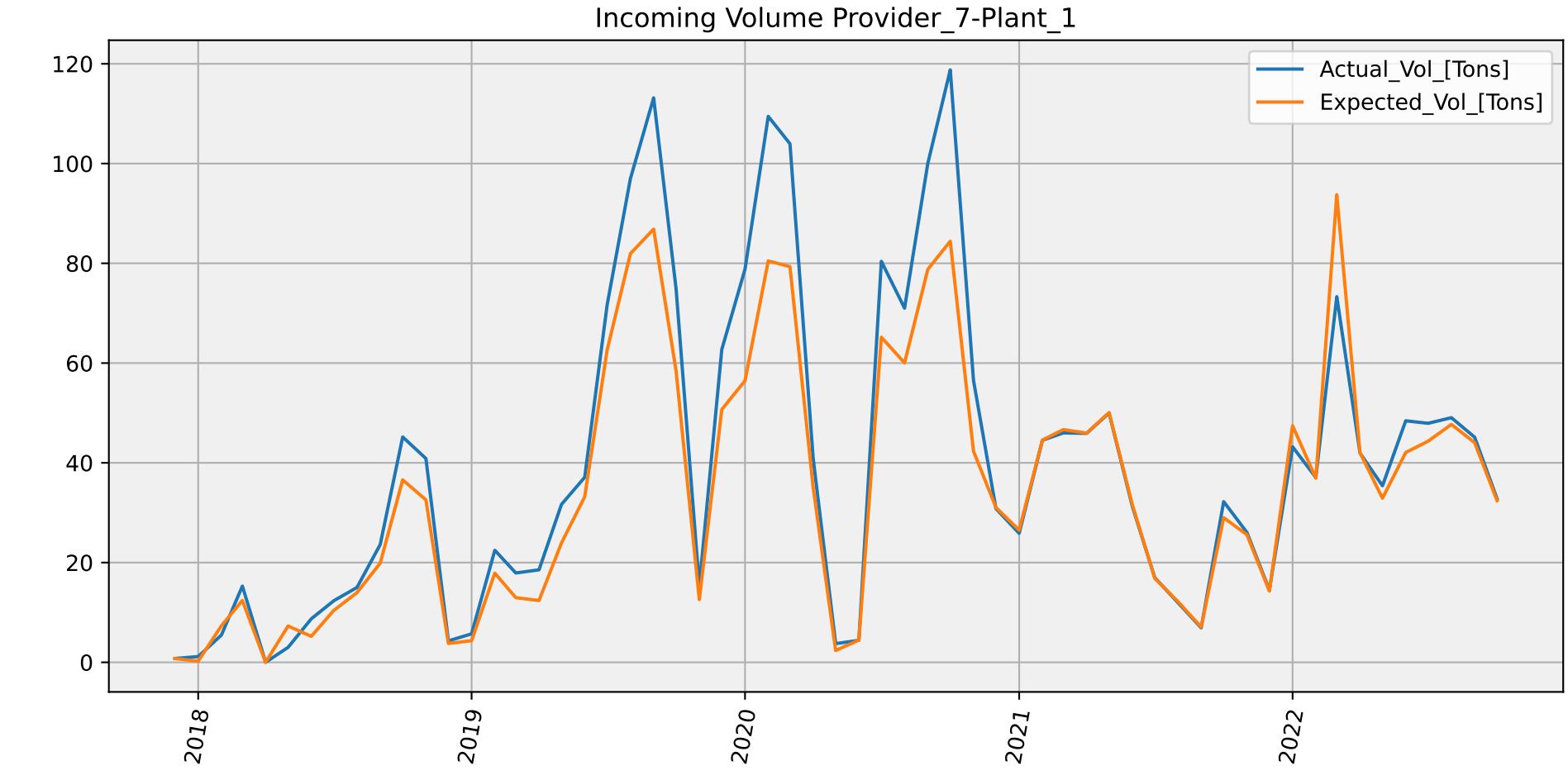

Production Level Plant_4
Production
360000
340000
320000
300000
280000
260000
240000
220000
200000
2021-05
2021-07
2021-09
2021-11
2022-01
2022-03
2022-05
2022-07
2022-09

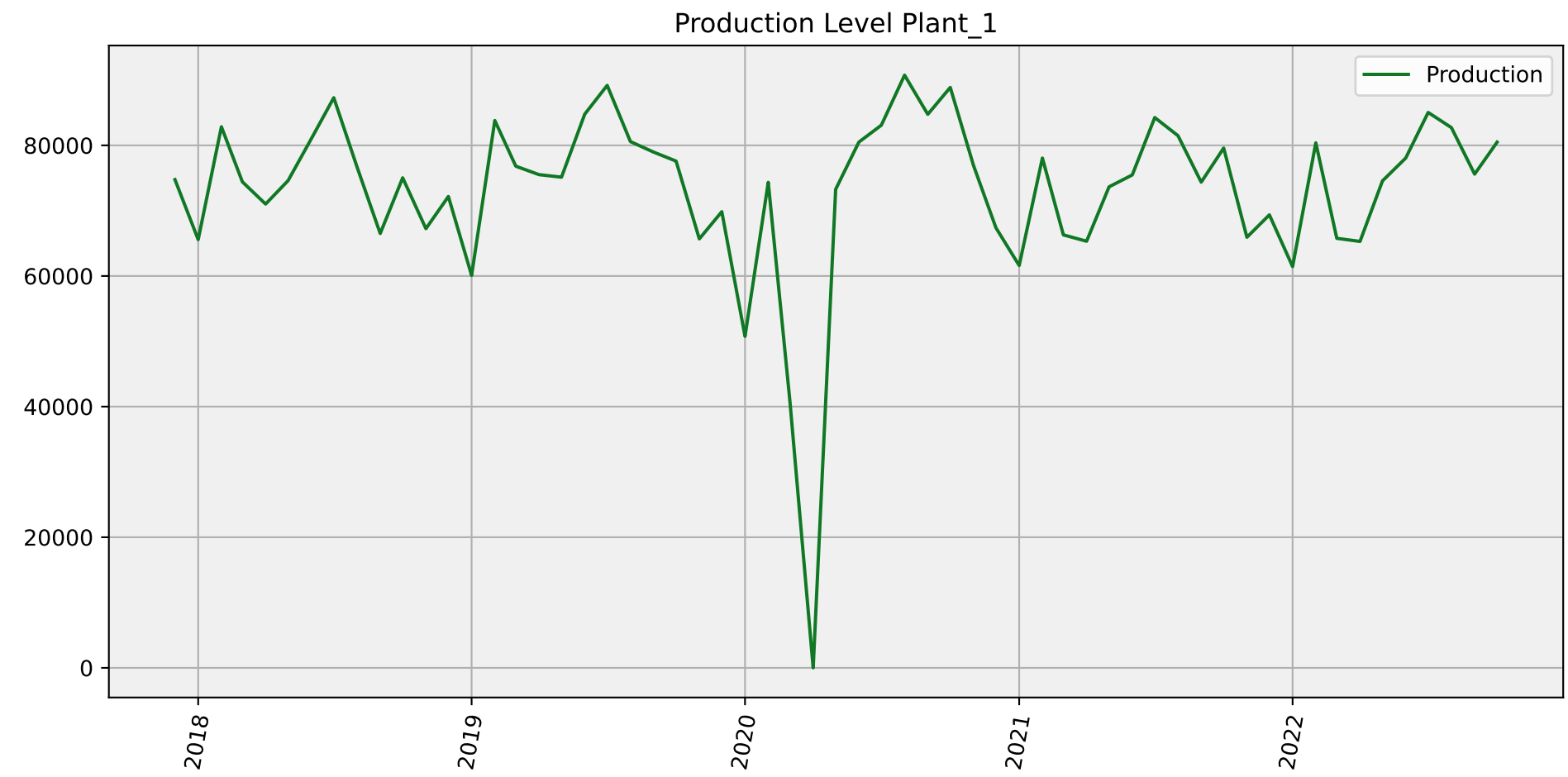

Volume/Production Ratio Provider_35-Plant_4
Vol/Prod_ratio_kg
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
2021-05
2021-07
2021-09
2021-11
2022-01
2022-03
2022-05
2022-07
2022-09

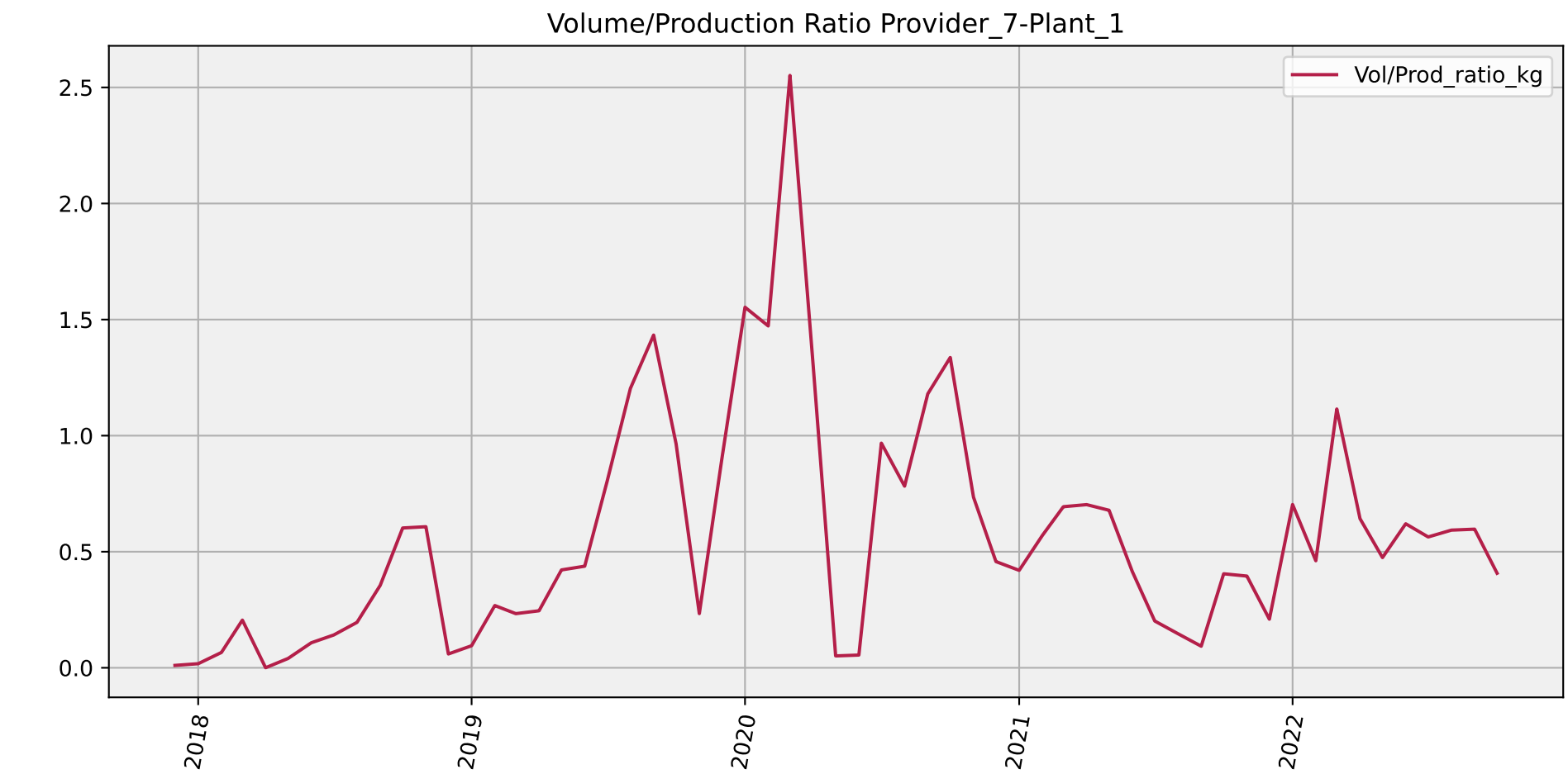

Incoming Volume Provider_35-Plant_5
Actual_Vol_[Tons]
Expected_Vol_[Tons]
120
100
80
60
40
20
2021-05
2021-07
2021-09
2021-11
2022-01
2022-03
2022-05
2022-07
2022-09

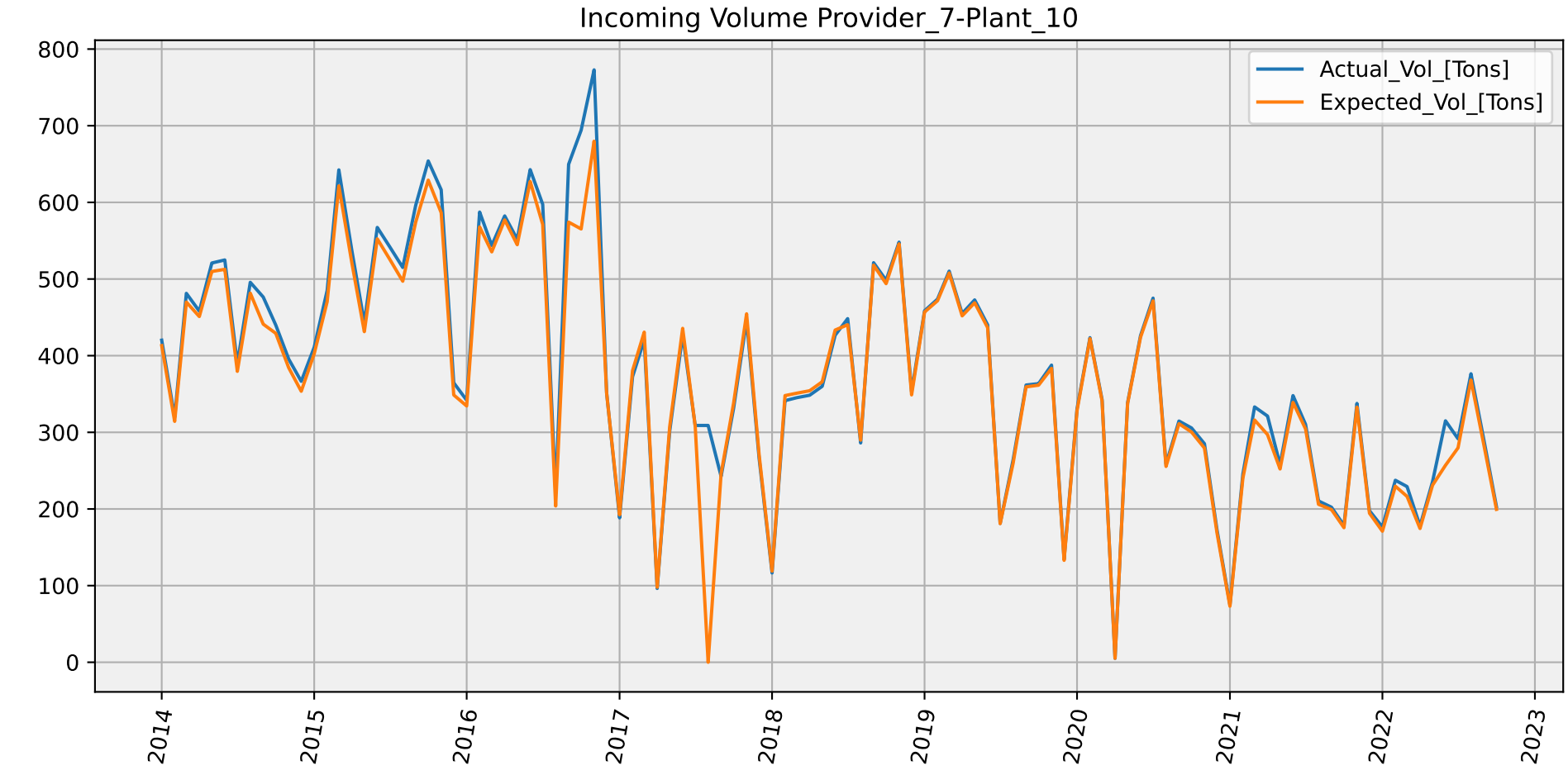

Production Level Plant_5
Production
16000
14000
12000
10000
8000
6000
4000
2000
2021-05
2021-07
2021-09
2021-11
2022-01
2022-03
2022-05
2022-07
2022-09

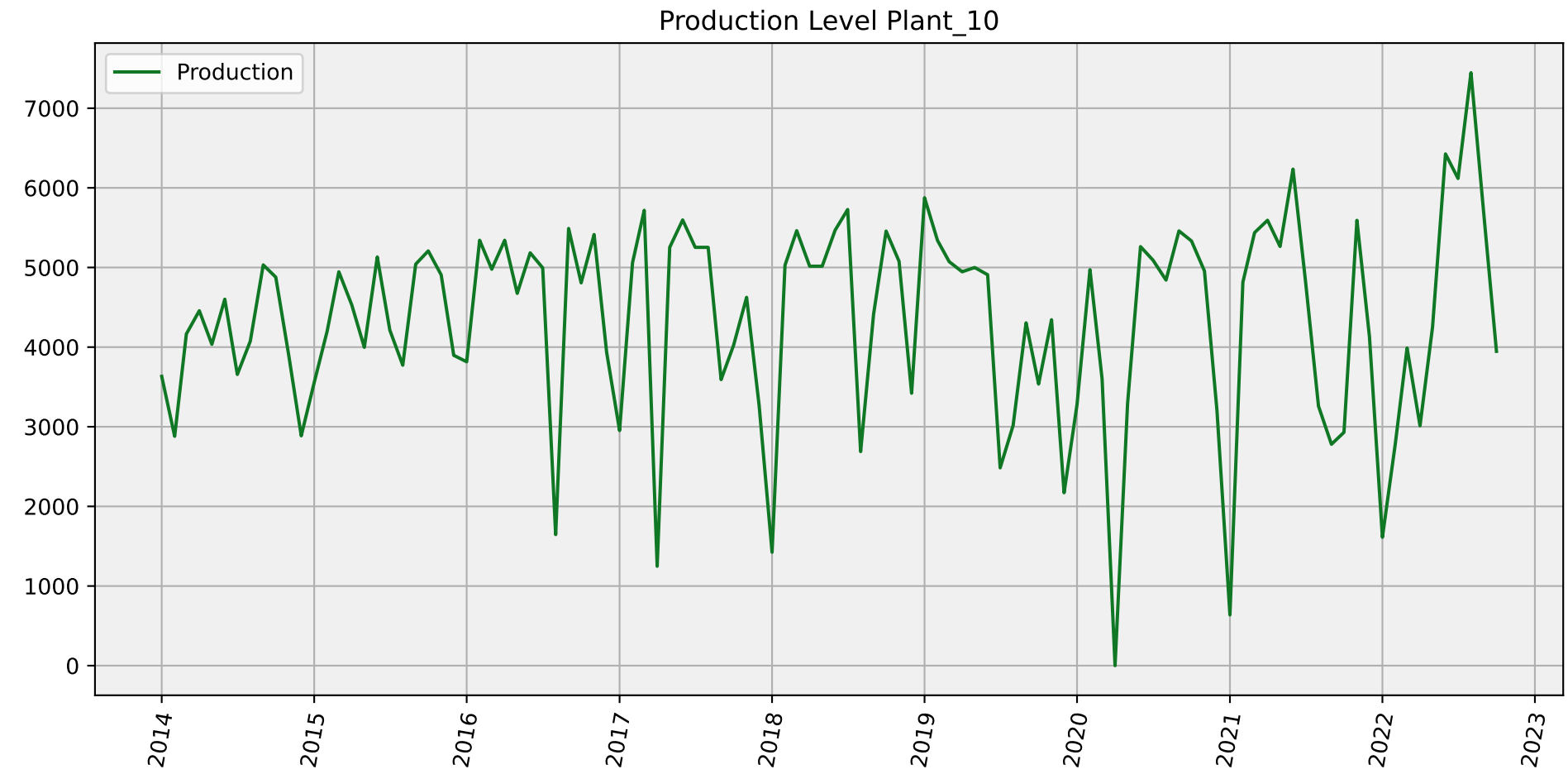

Volume/Production Ratio Provider_35-Plant_5
Vol/Prod_ratio_kg
14
12
10
8
6
4
2021-05
2021-07
2021-09
2021-11
2022-01
2022-03
2022-05
2022-07
2022-09

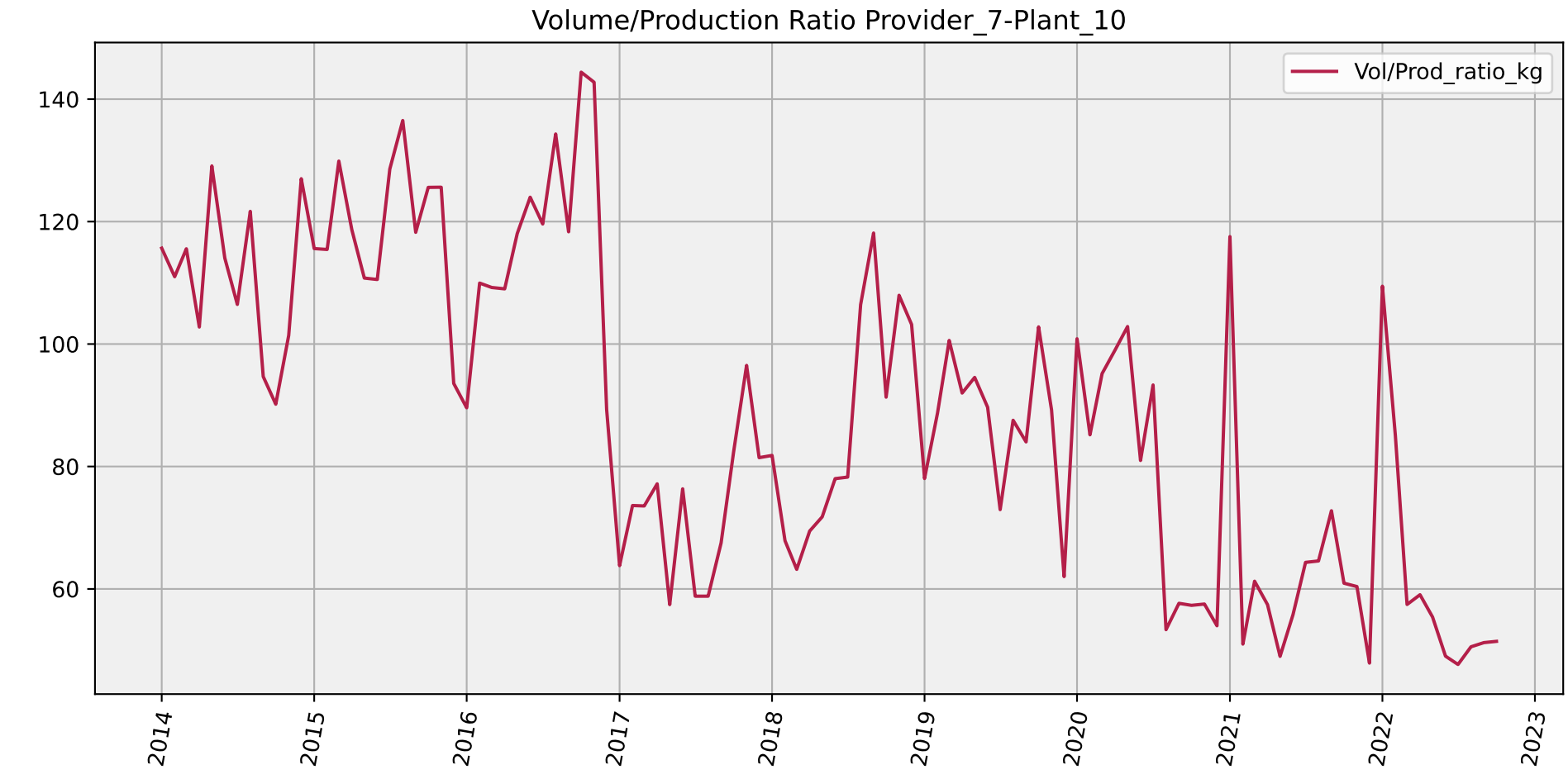

Incoming Volume Provider_7-Plant_1
Actual_Vol_[Tons]
Expected_Vol_[Tons]
120
100
80
60
40
20
0
2018
2019
2020
2021
2022

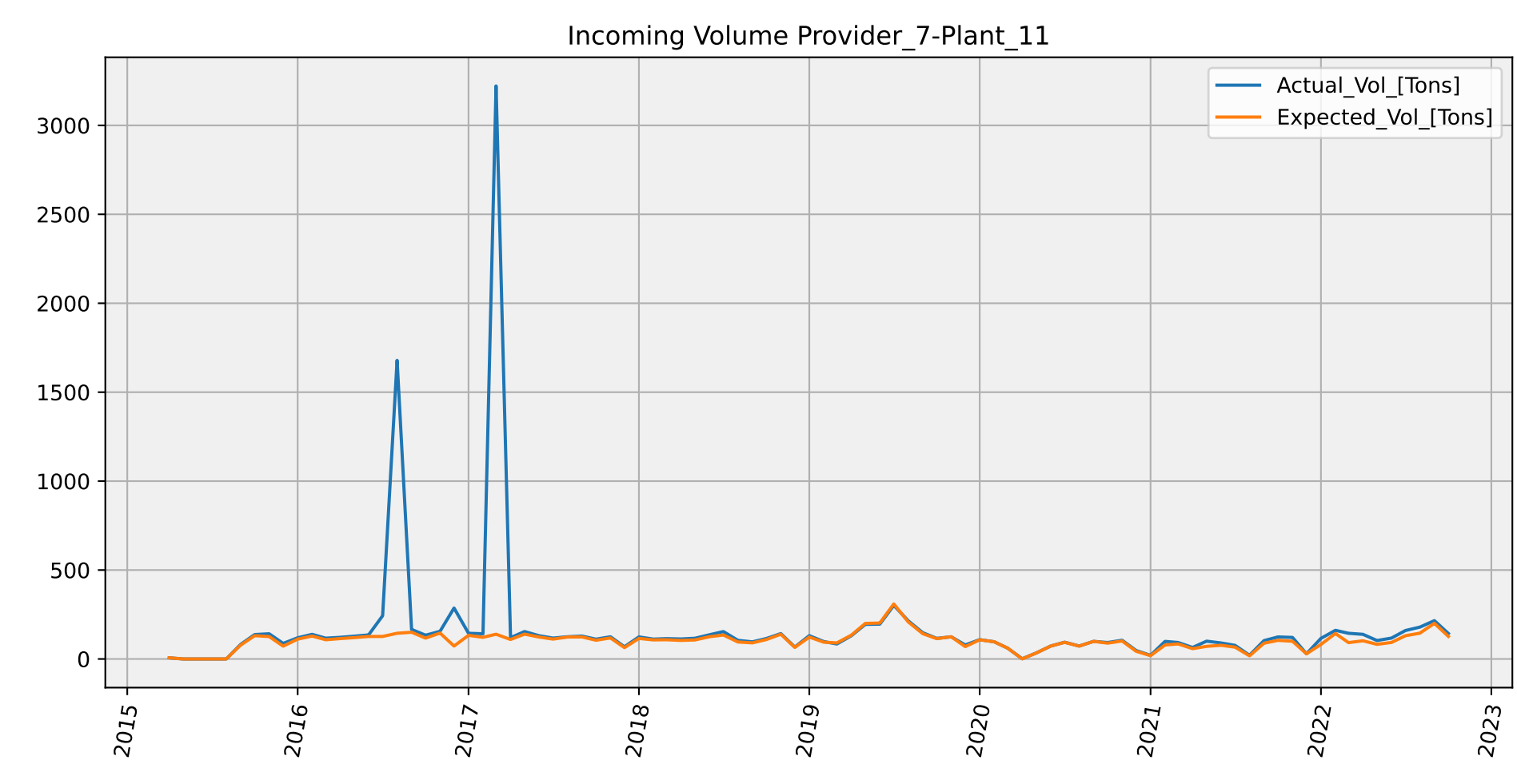

Production Level Plant_1
Production
80000
60000
40000
20000
0
2018
2019
2020
2021
2022

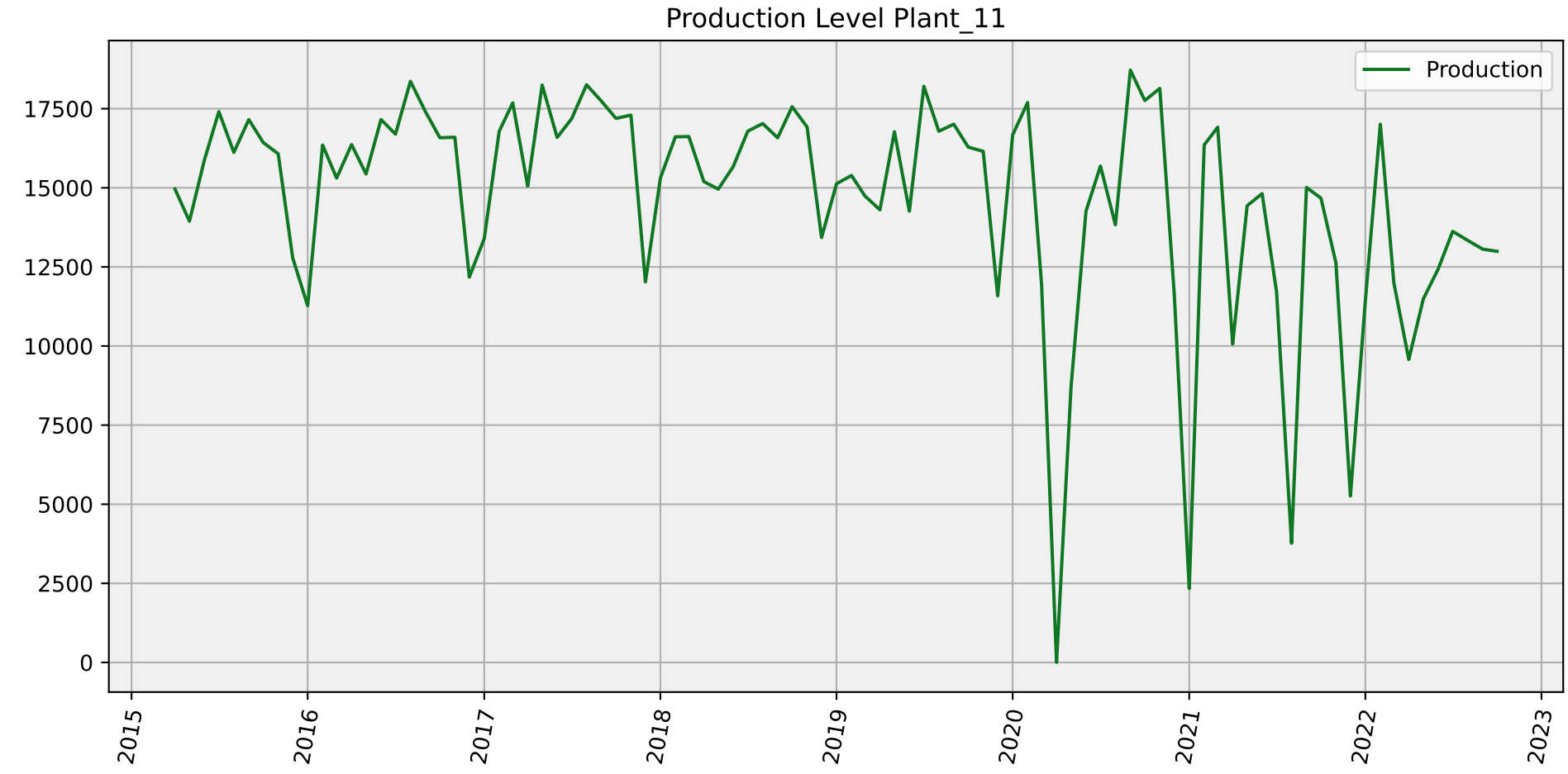

Volume/Production Ratio Provider_7-Plant_1
Vol/Prod_ratio_kg
2.5
2.0
1.5
1.0
0.5
0.0
2018
2019
2020
2021
2022

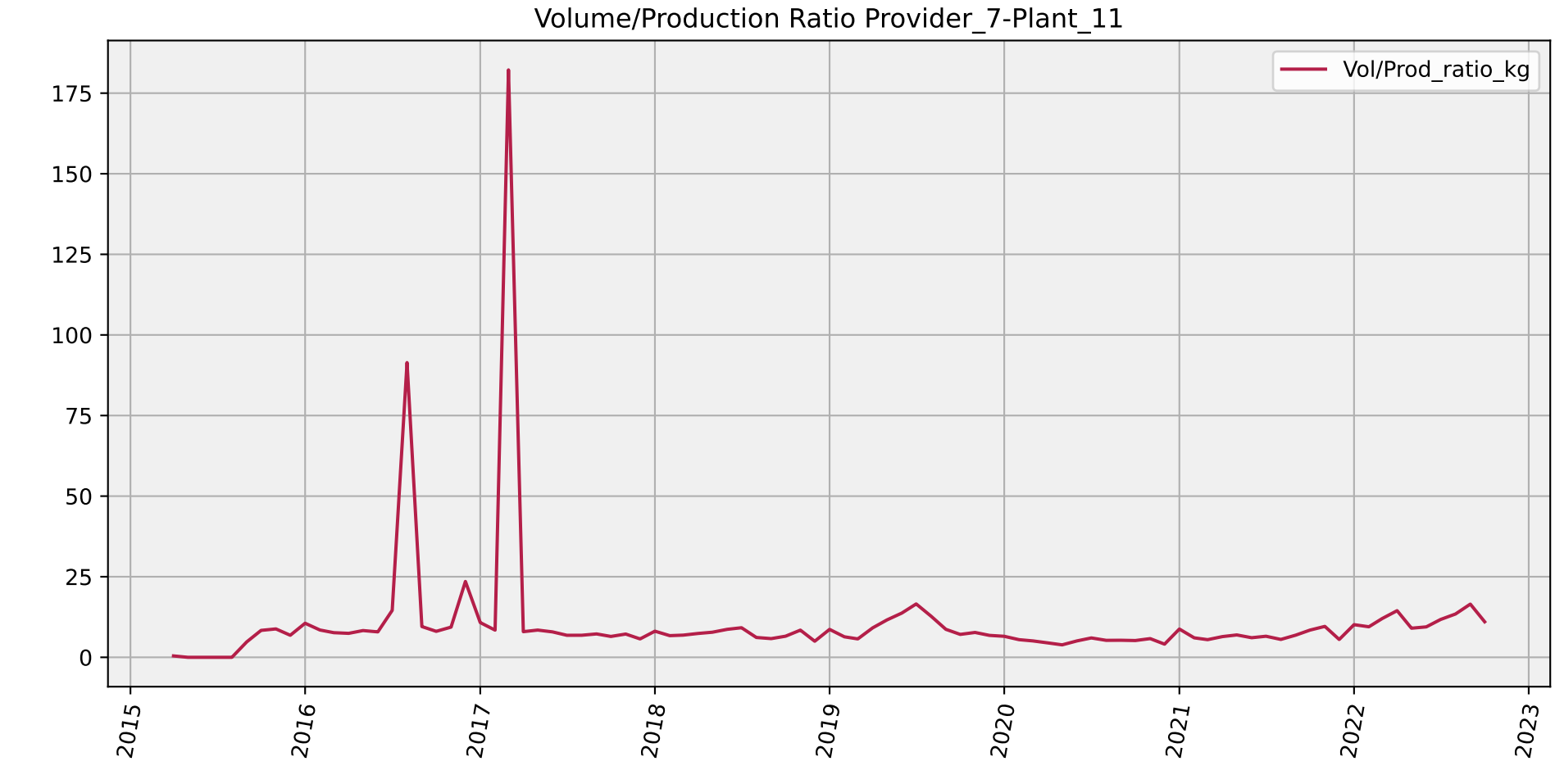

Incoming Volume Provider_7-Plant_10
Actual_Vol_[Tons]
Expected_Vol_[Tons]
800
700
600
500
400
300
200
100
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Production Level Plant_10
Production
7000
6000
5000
4000
3000
2000
1000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

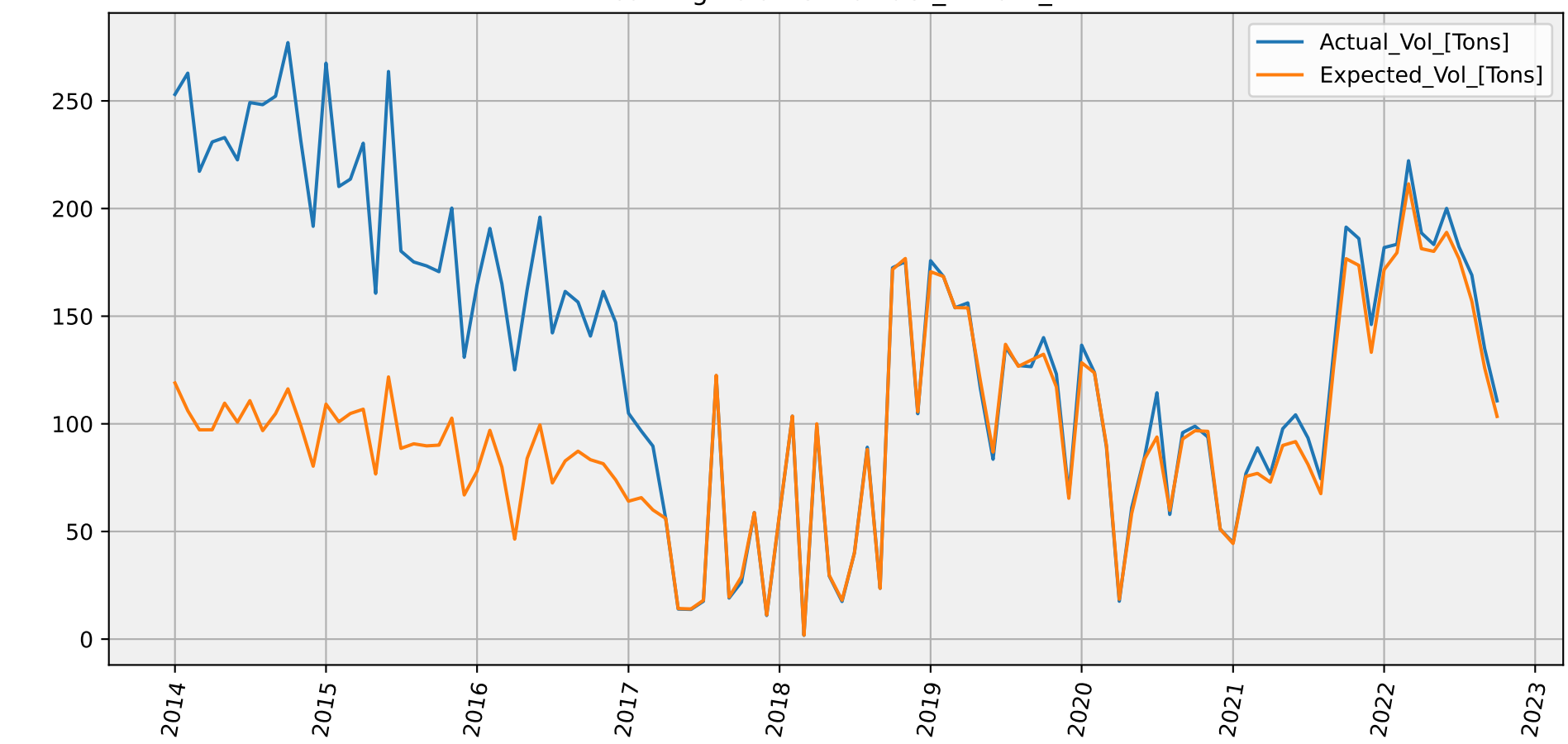

Volume/Production Ratio Provider_7-Plant_10
Vol/Prod_ratio_kg
140
120
100
80
60
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Incoming Volume Provider_7-Plant_11
Actual_Vol_[Tons]
Expected_Vol_[Tons]
3000
2500
2000
1500
1000
500
0
2015
2016
2017
2018
2019
2020
2021
2022
2023

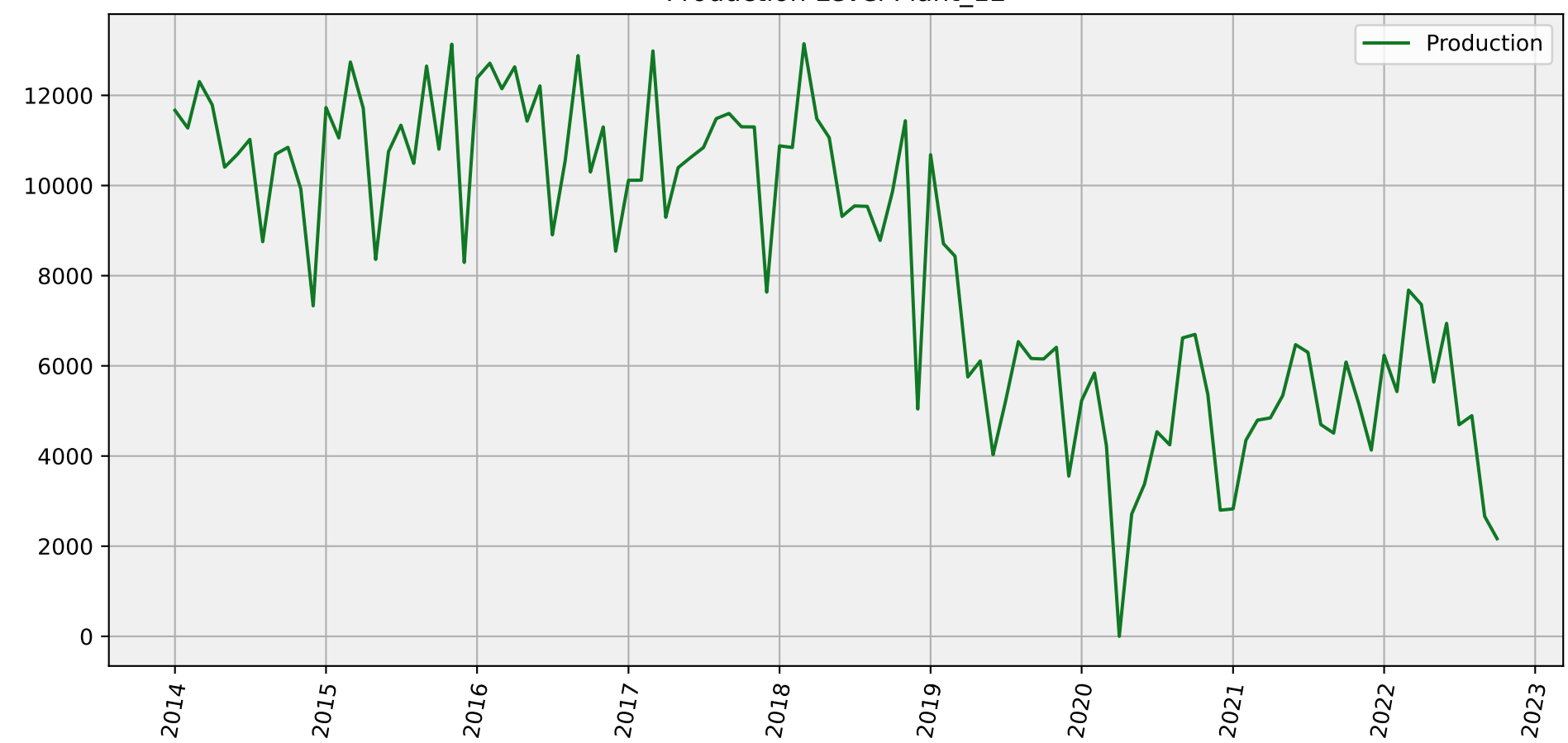

Production Level Plant_11
Production
17500
15000
12500
10000
7500
5000
2500
0
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_7-Plant_11
Vol/Prod_ratio_kg
175
150
125
100
75
50
25
0
2015
2016
2017
2018
2019
2020
2021
2022
2023

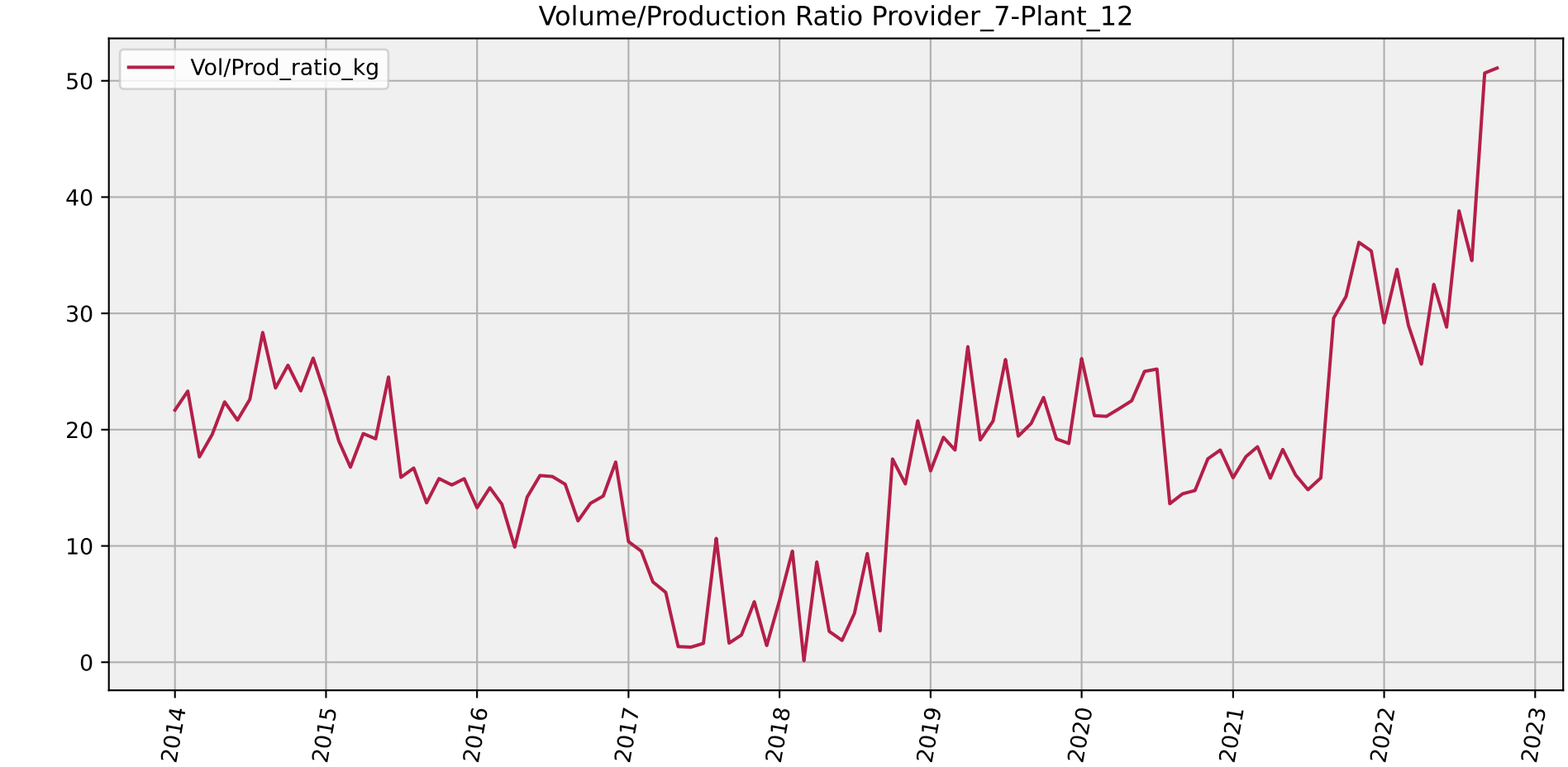
Incoming Volume Provider_7-Plant_12



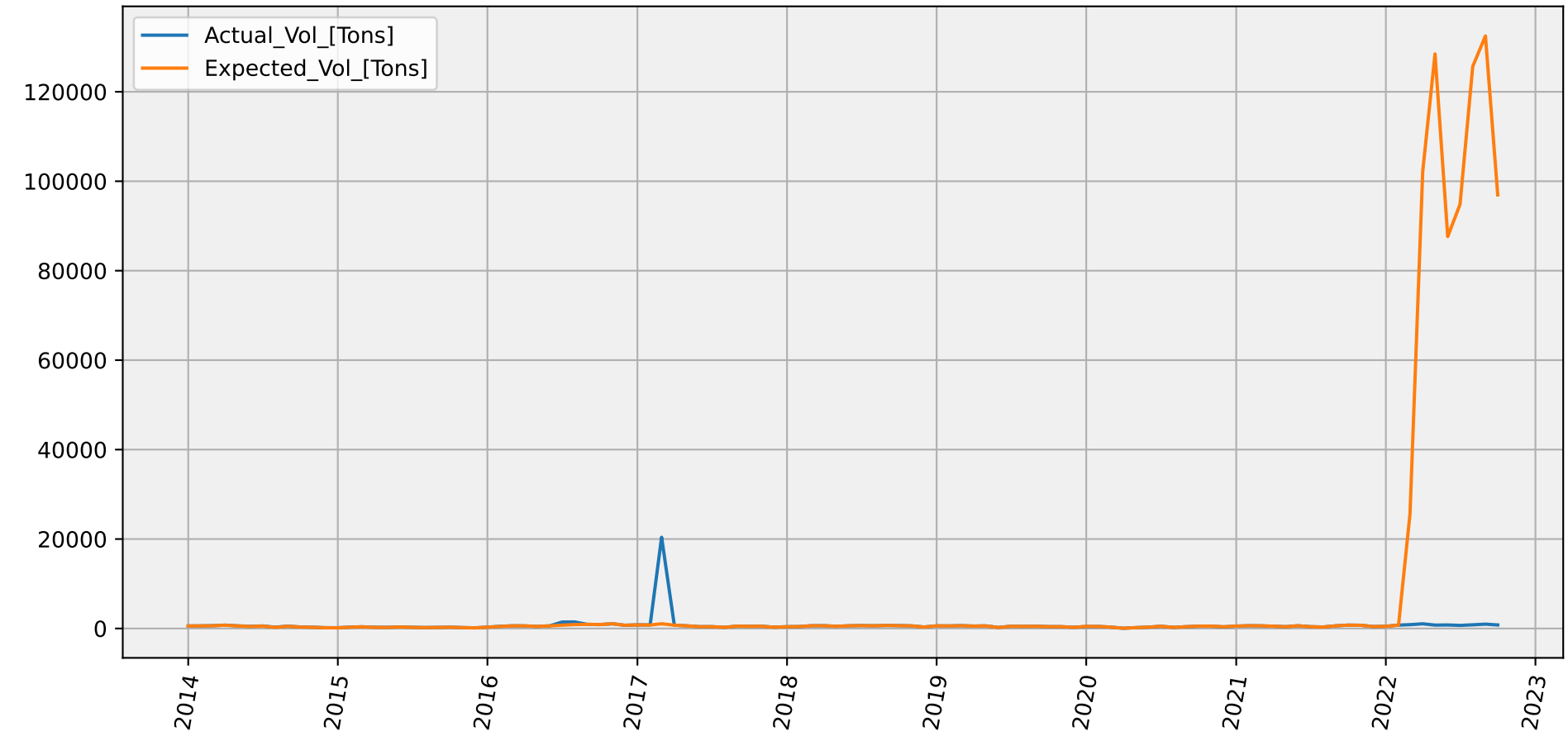
Production Level Plant_12



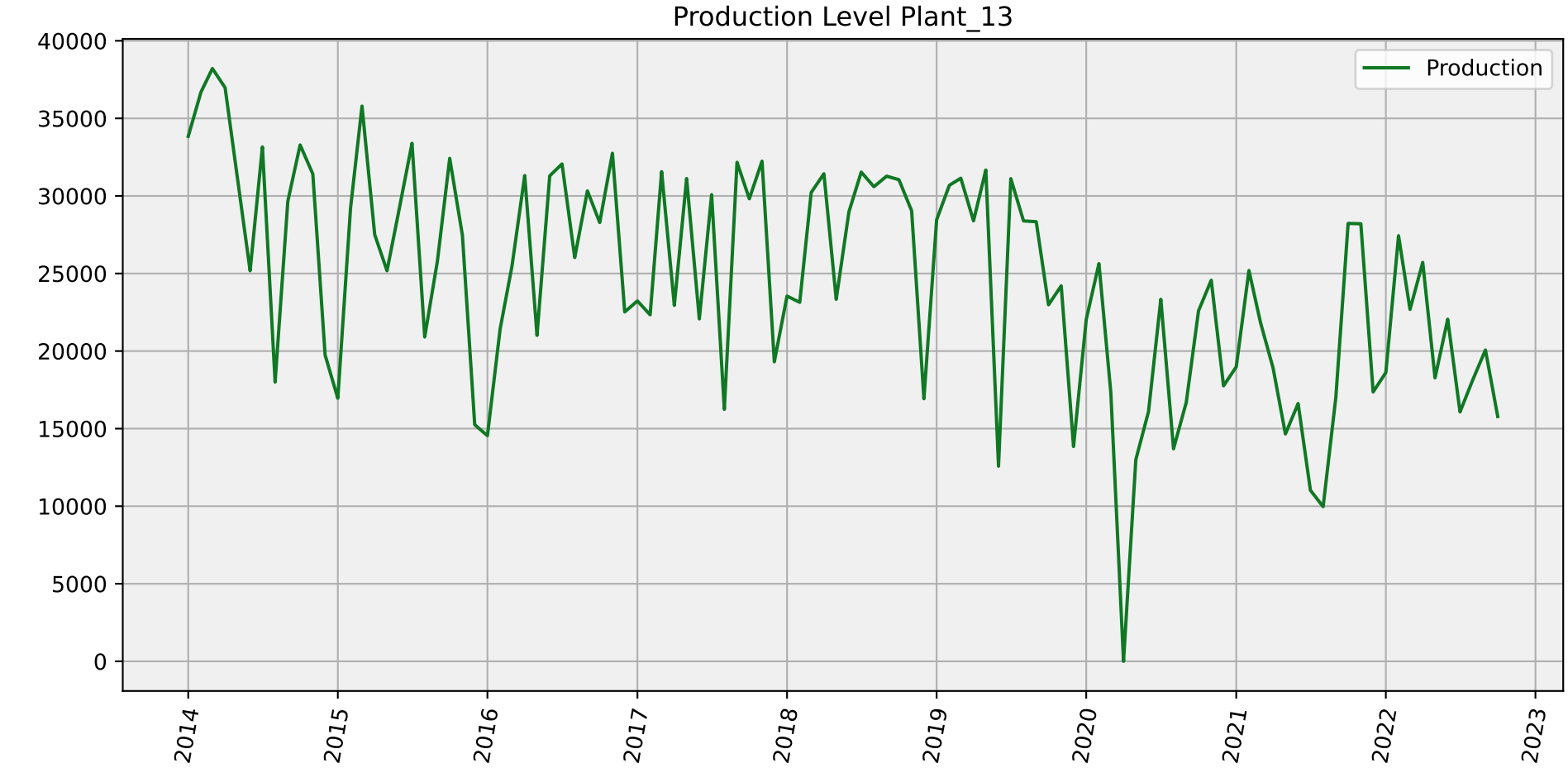
Volume/Production Ratio Provider_7-Plant_12



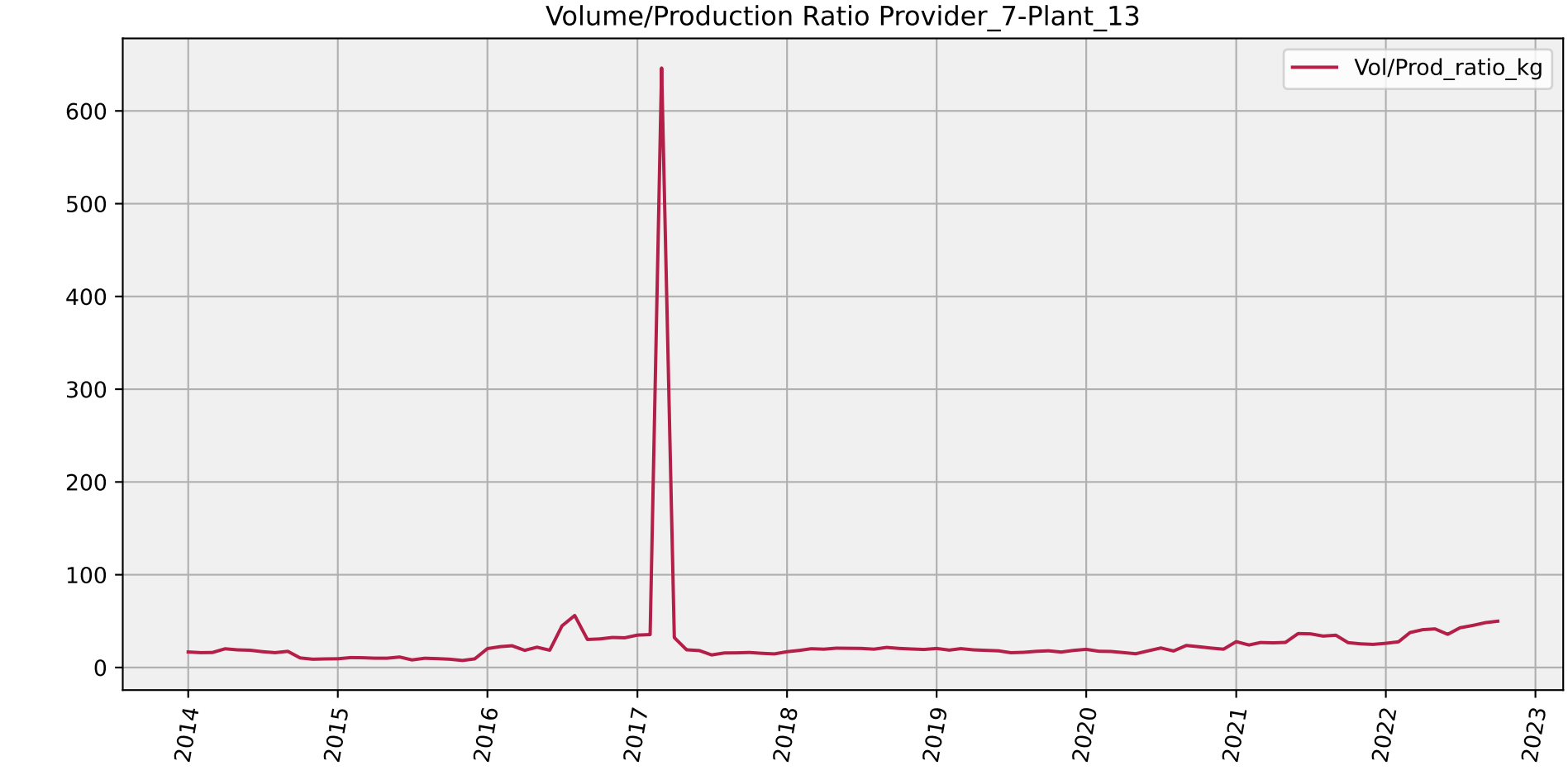
Incoming Volume Provider_7-Plant_13



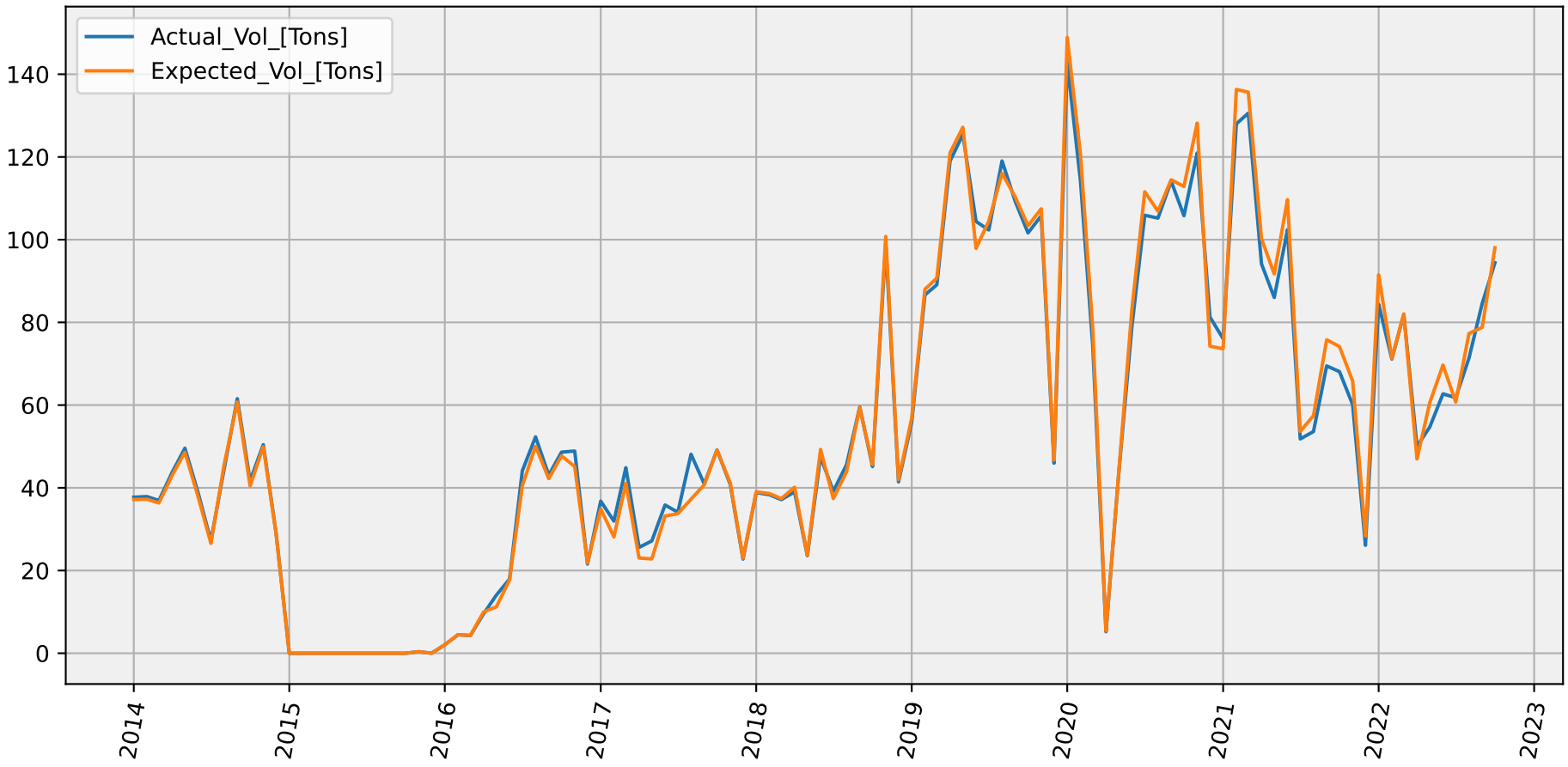
Production Level Plant_13



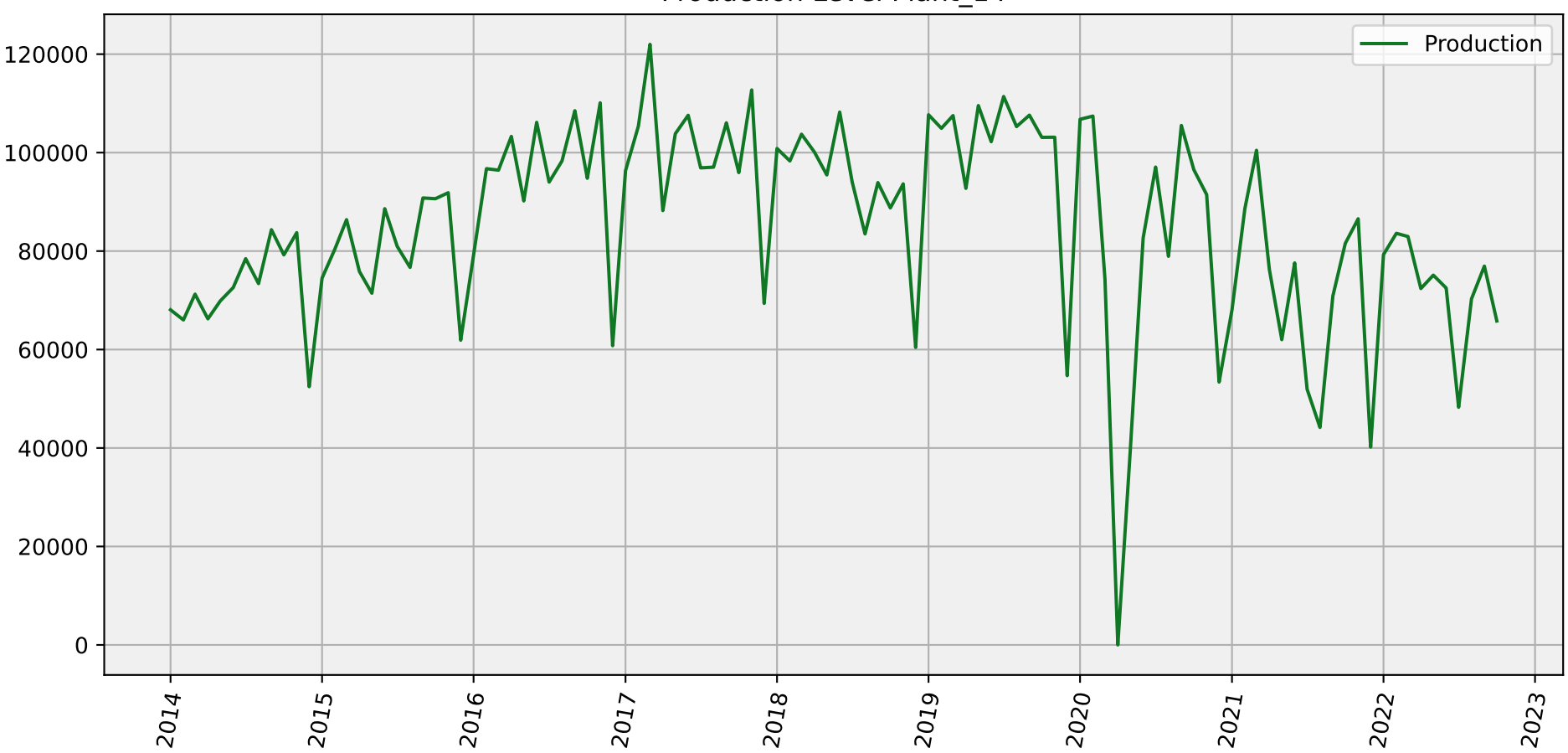
Volume/Production Ratio Provider_7-Plant_13



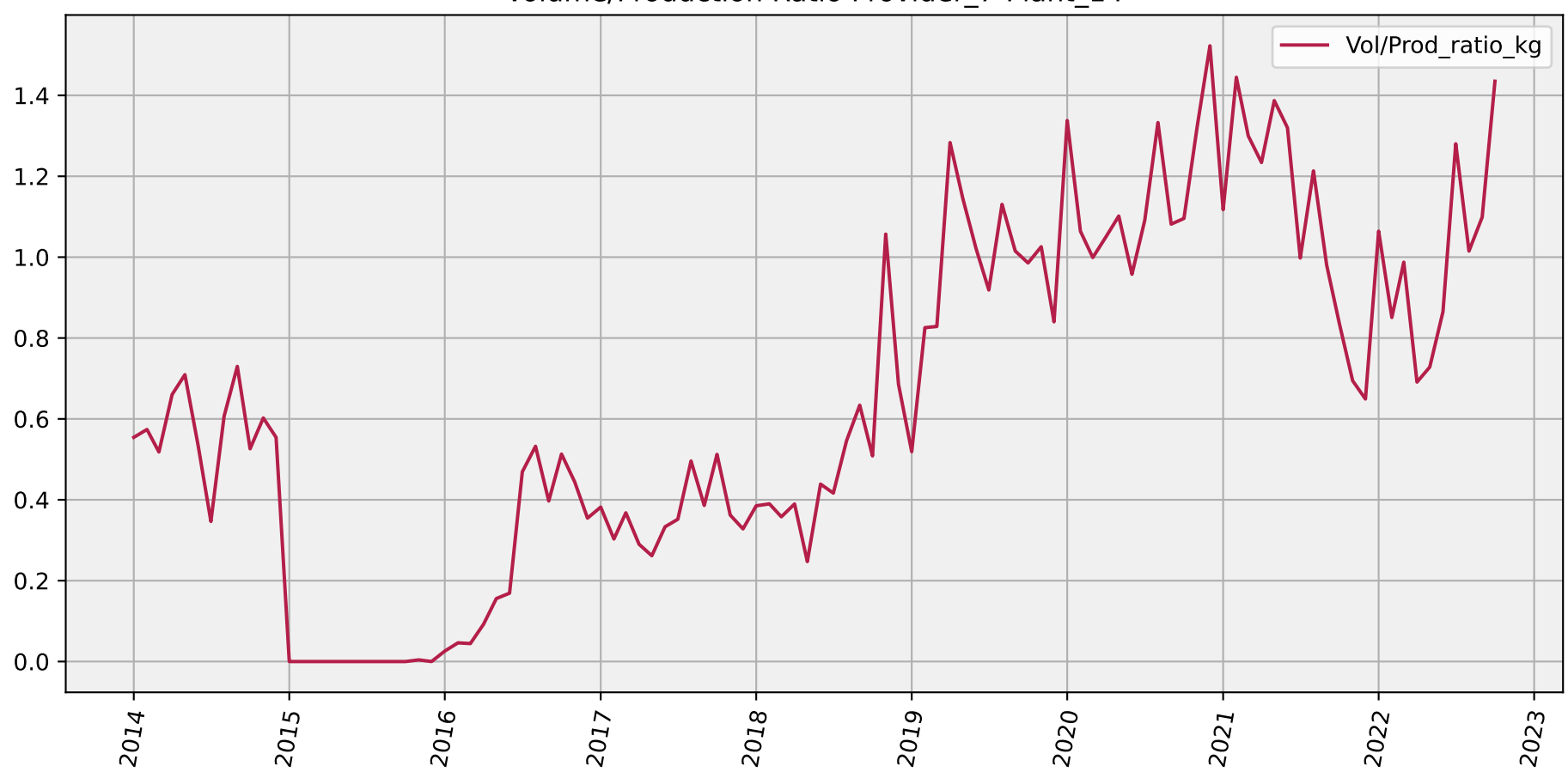
Incoming Volume Provider_7-Plant_14

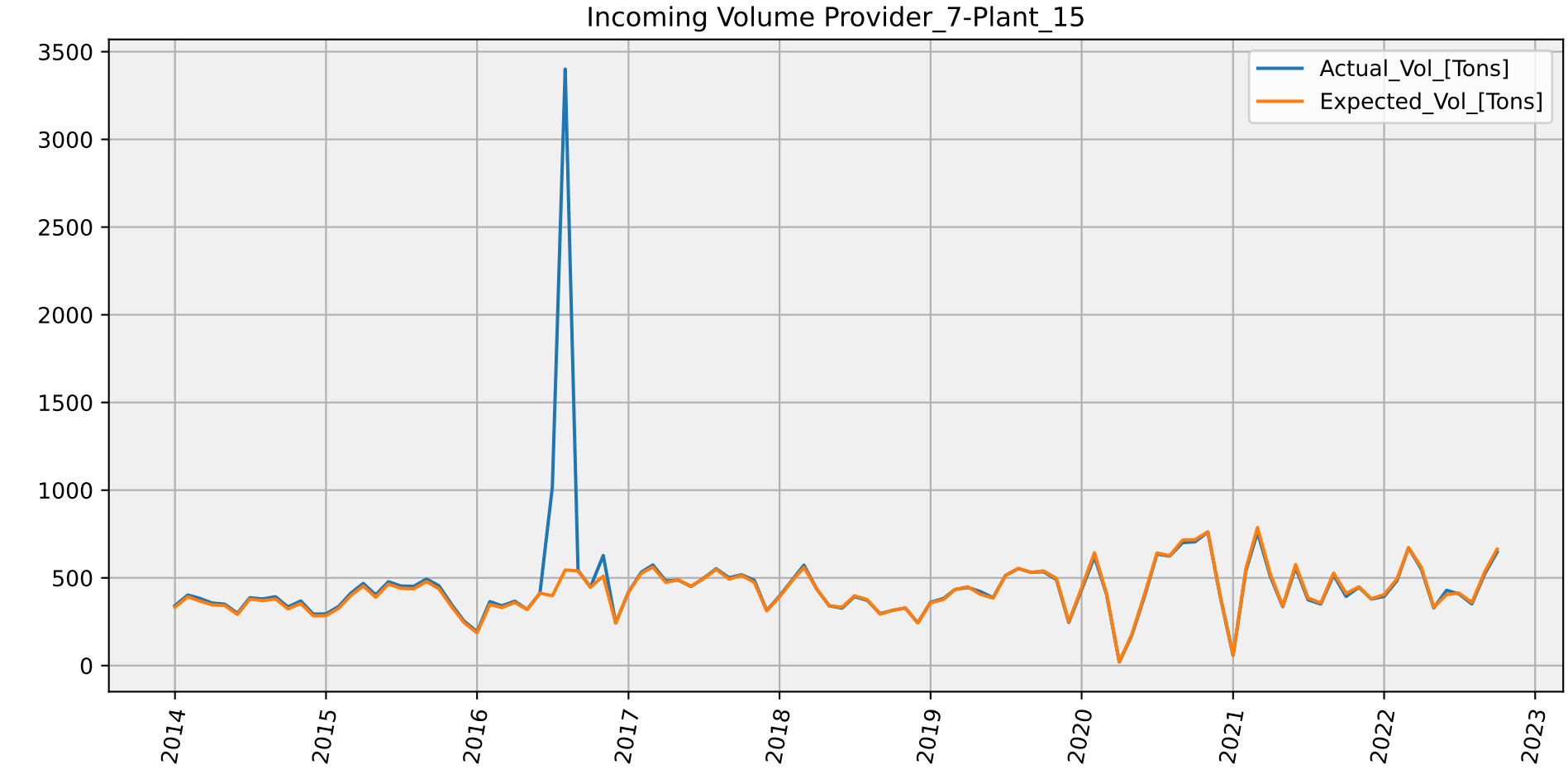


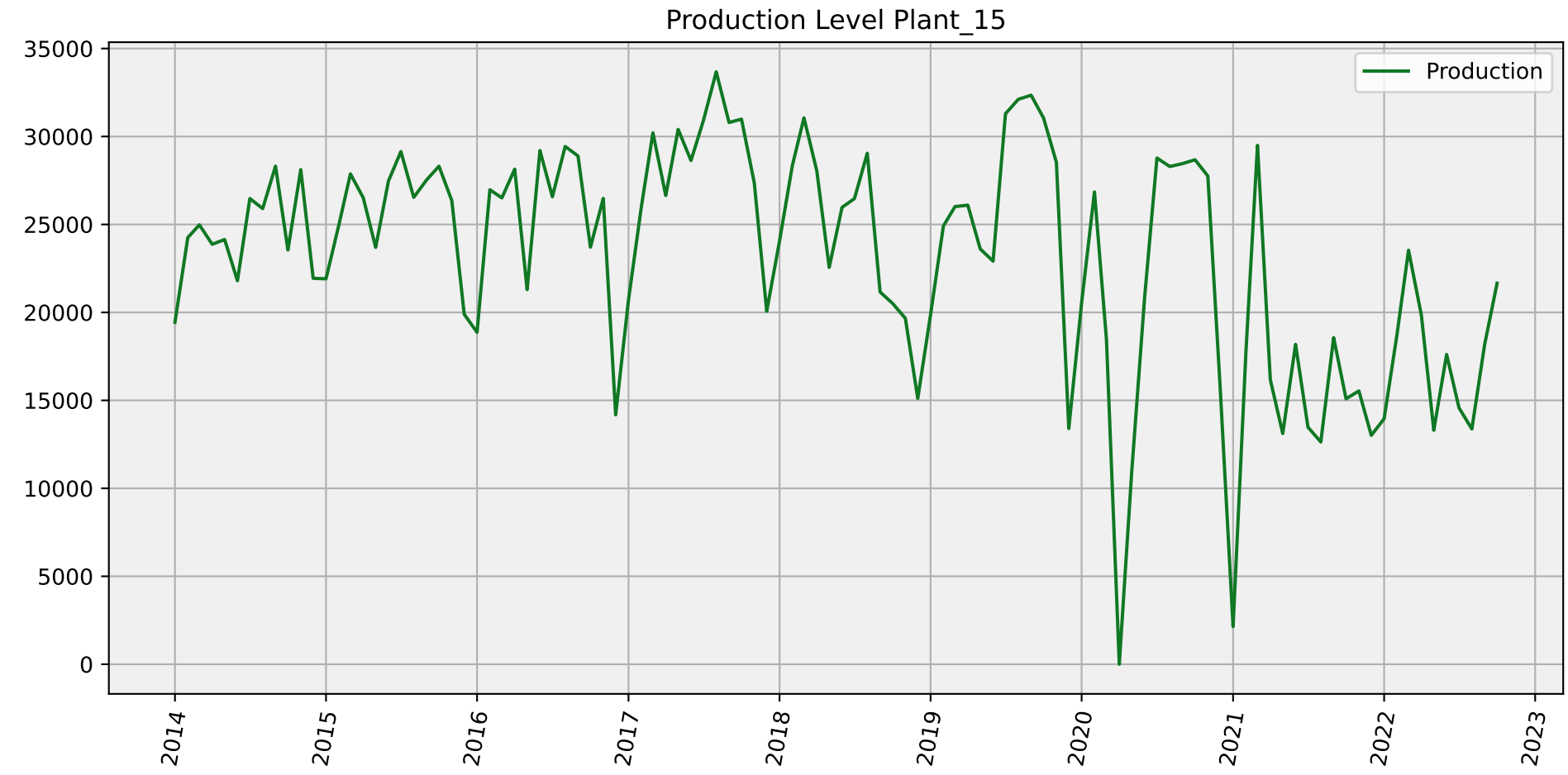
Production Level Plant_14

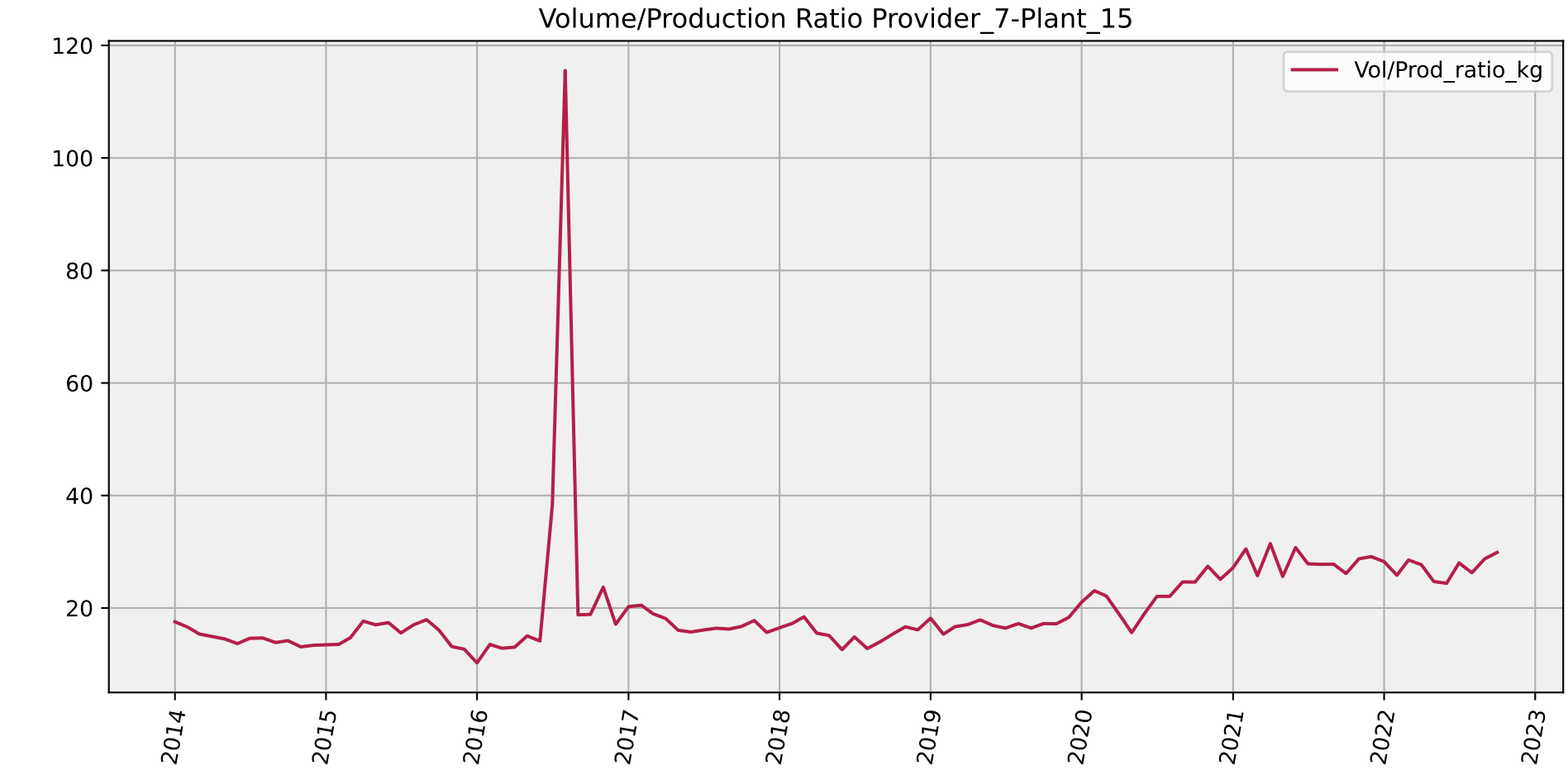


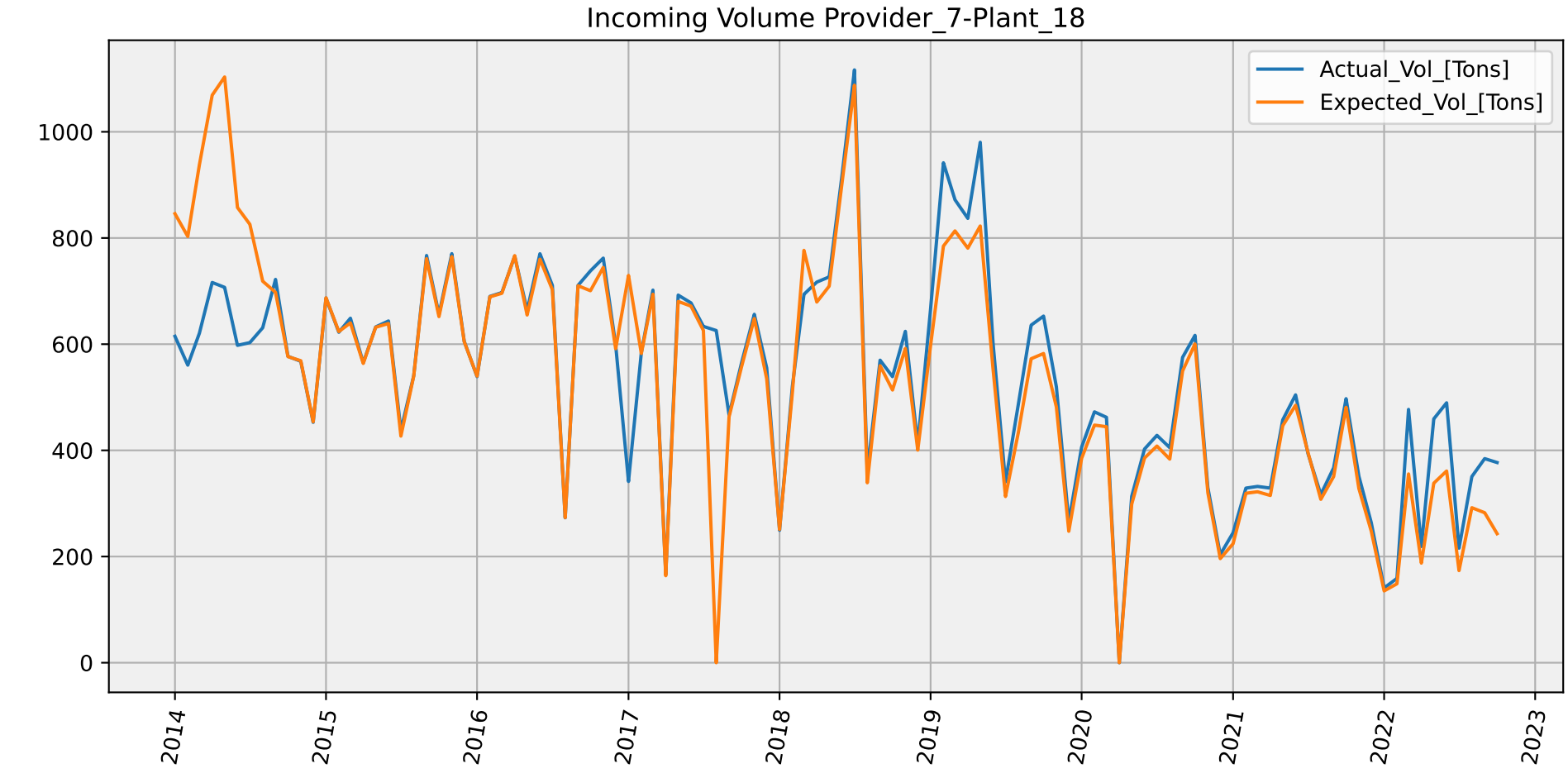
Volume/Production Ratio Provider_7-Plant_14

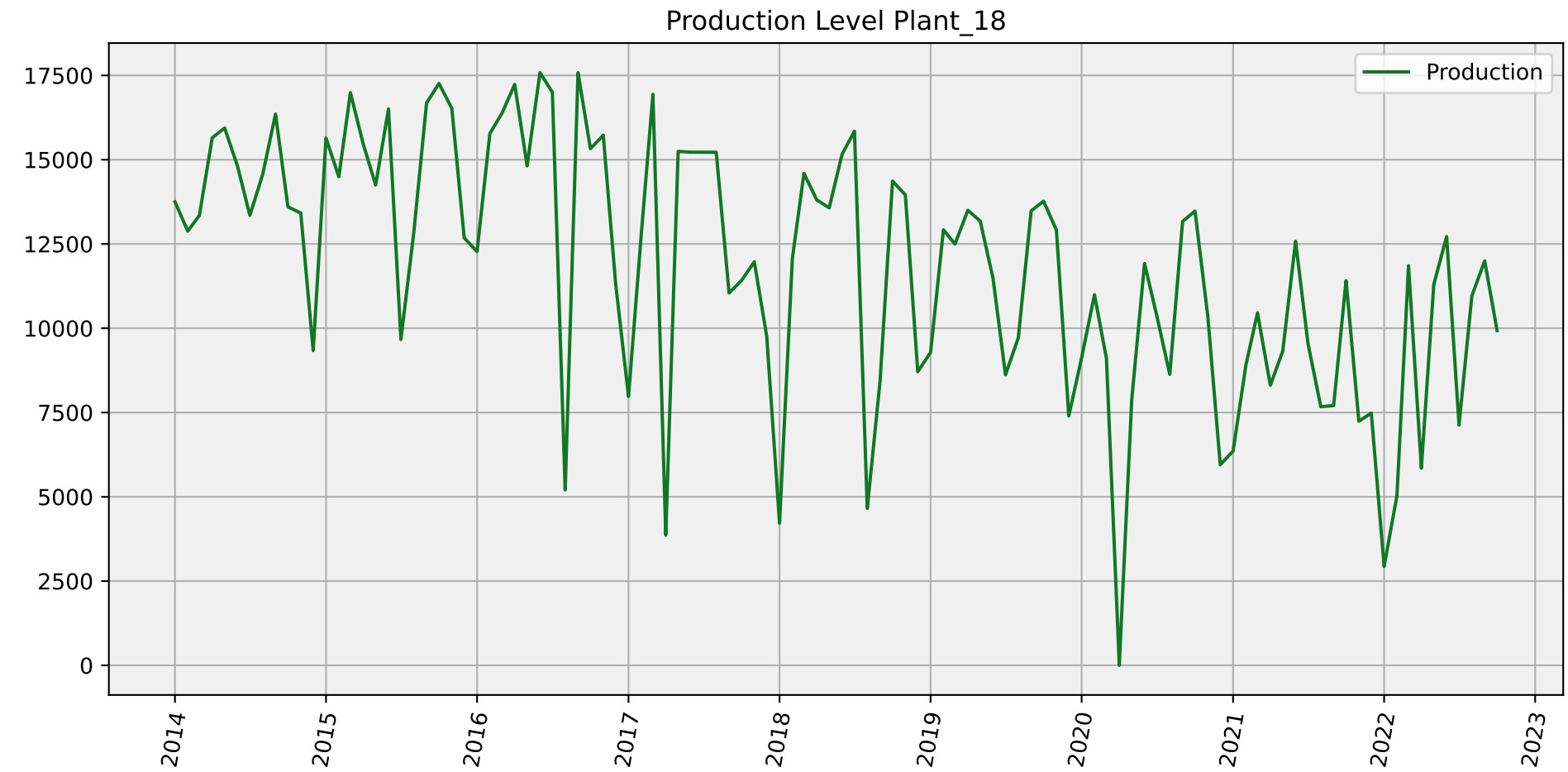


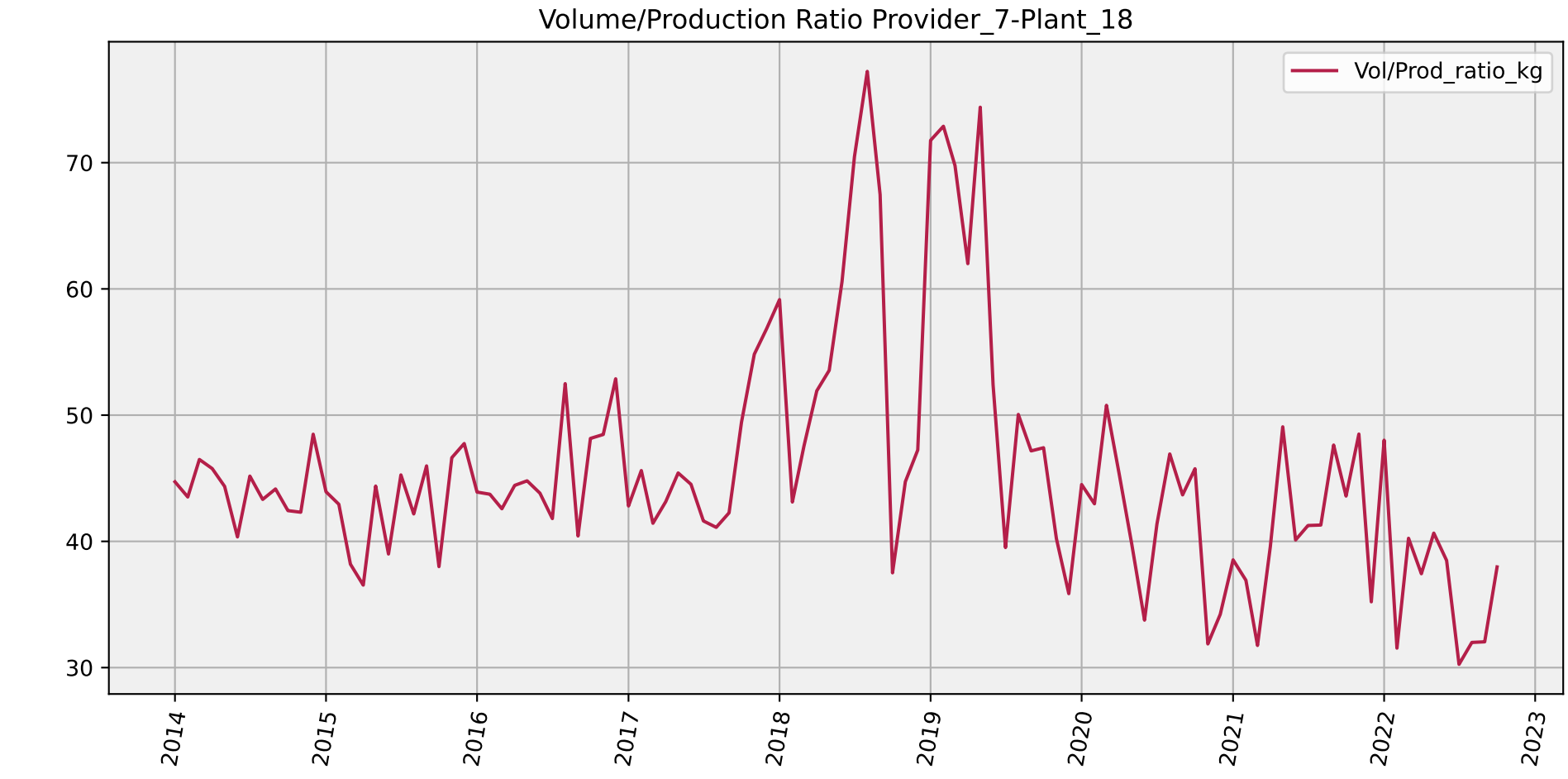

Incoming Volume Provider_7-Plant_15
Actual_Vol_[Tons]
Expected_Vol_[Tons]
3500
3000
2500
2000
1500
1000
500
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Production Level Plant_15
Production
35000
30000
25000
20000
15000
10000
5000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

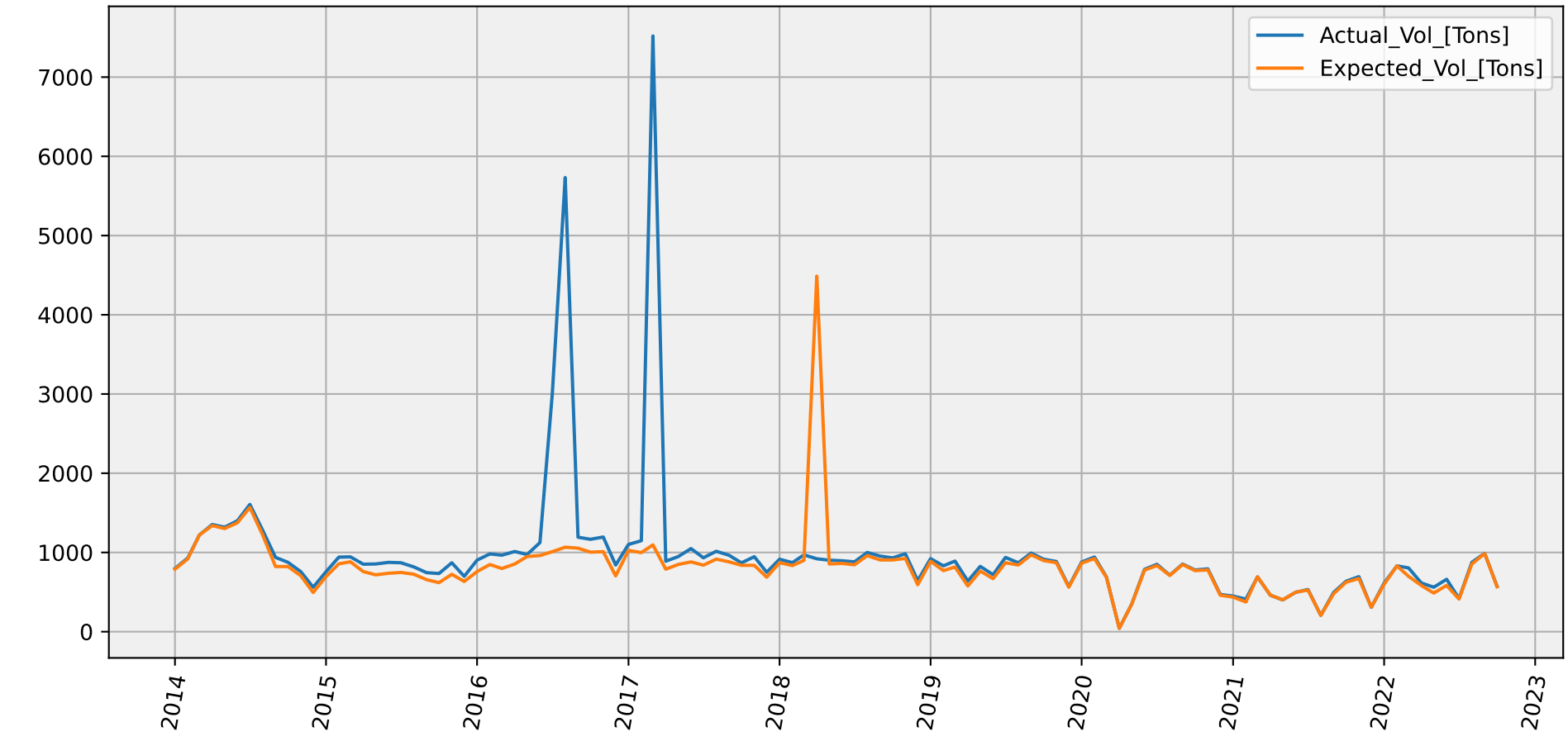

Volume/Production Ratio Provider_7-Plant_15
Vol/Prod_ratio_kg
120
100
80
60
40
20
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Incoming Volume Provider_7-Plant_18
Actual_Vol_[Tons]
Expected_Vol_[Tons]
1000
800
600
400
200
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

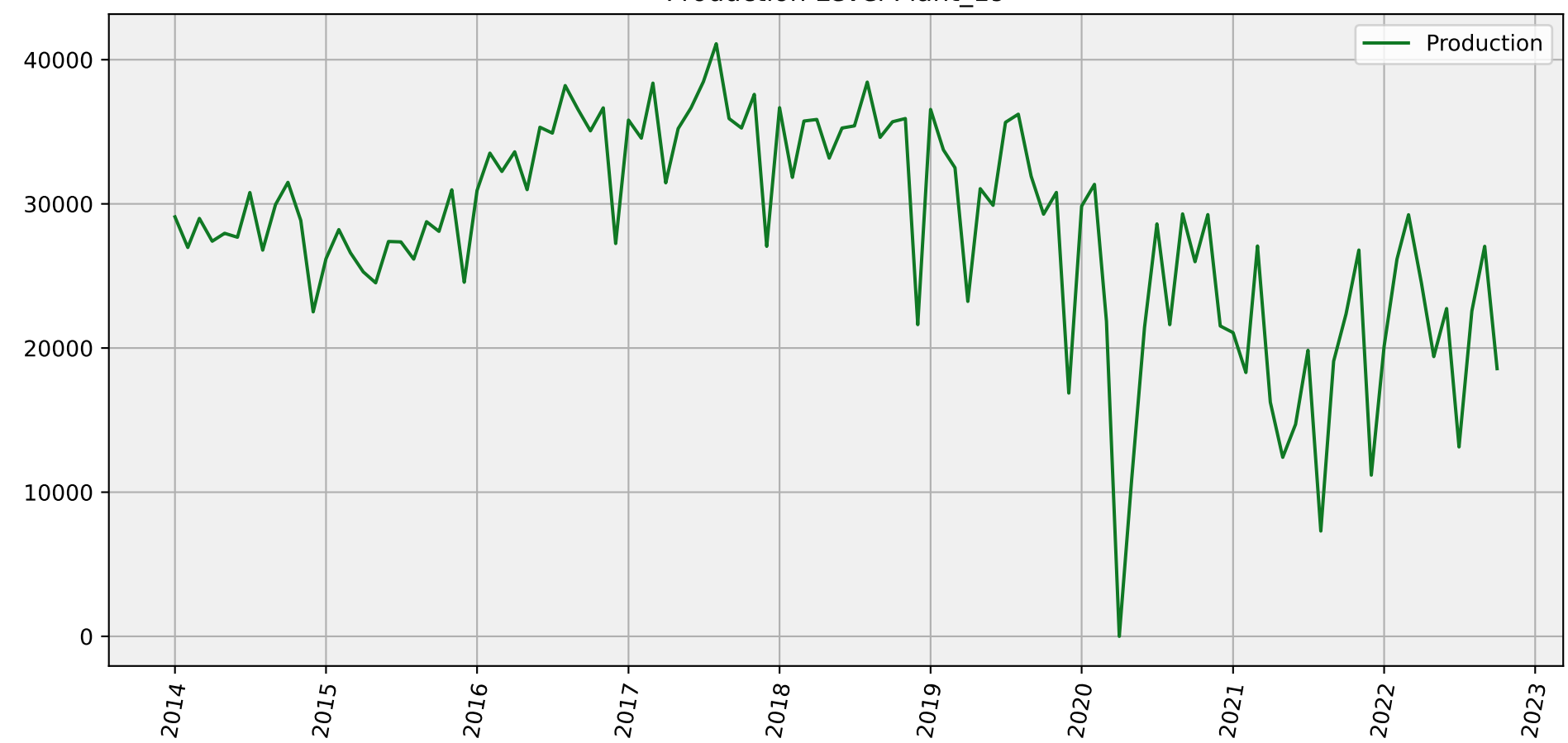

Production Level Plant_18
Production
17500
15000
12500
10000
7500
5000
2500
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_7-Plant_18
Vol/Prod_ratio_kg
70
60
50
40
30
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

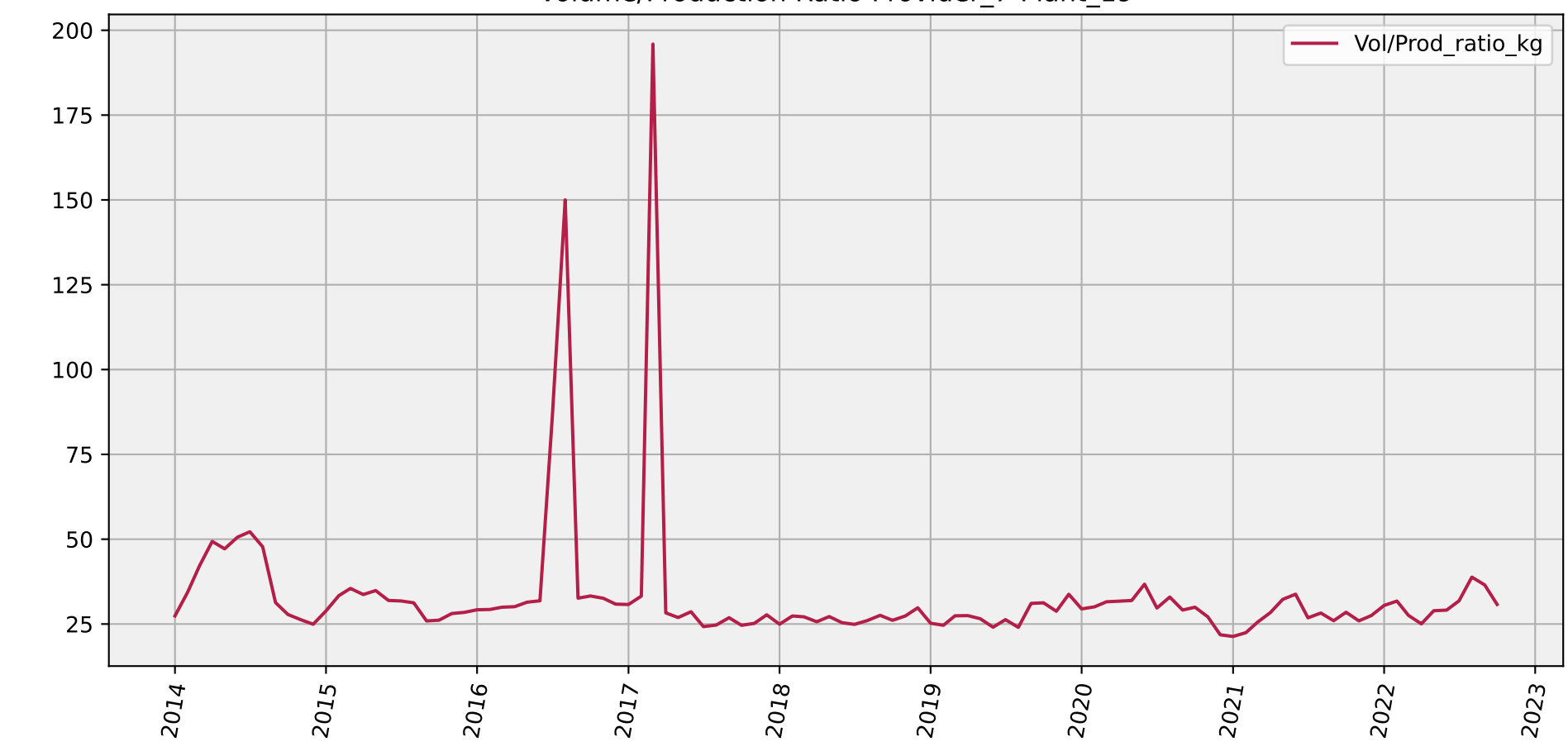
Incoming Volume Provider_7-Plant_19

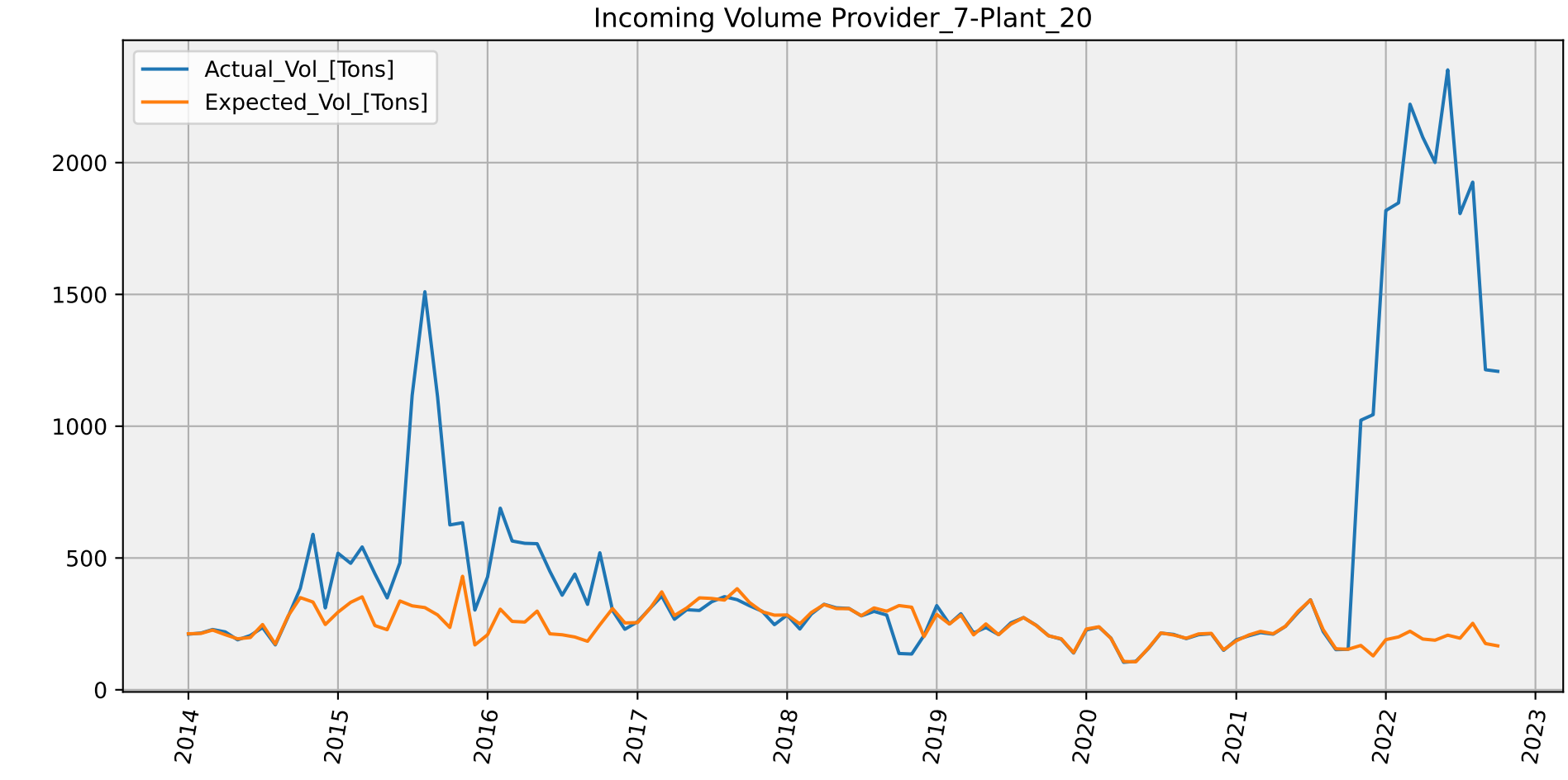


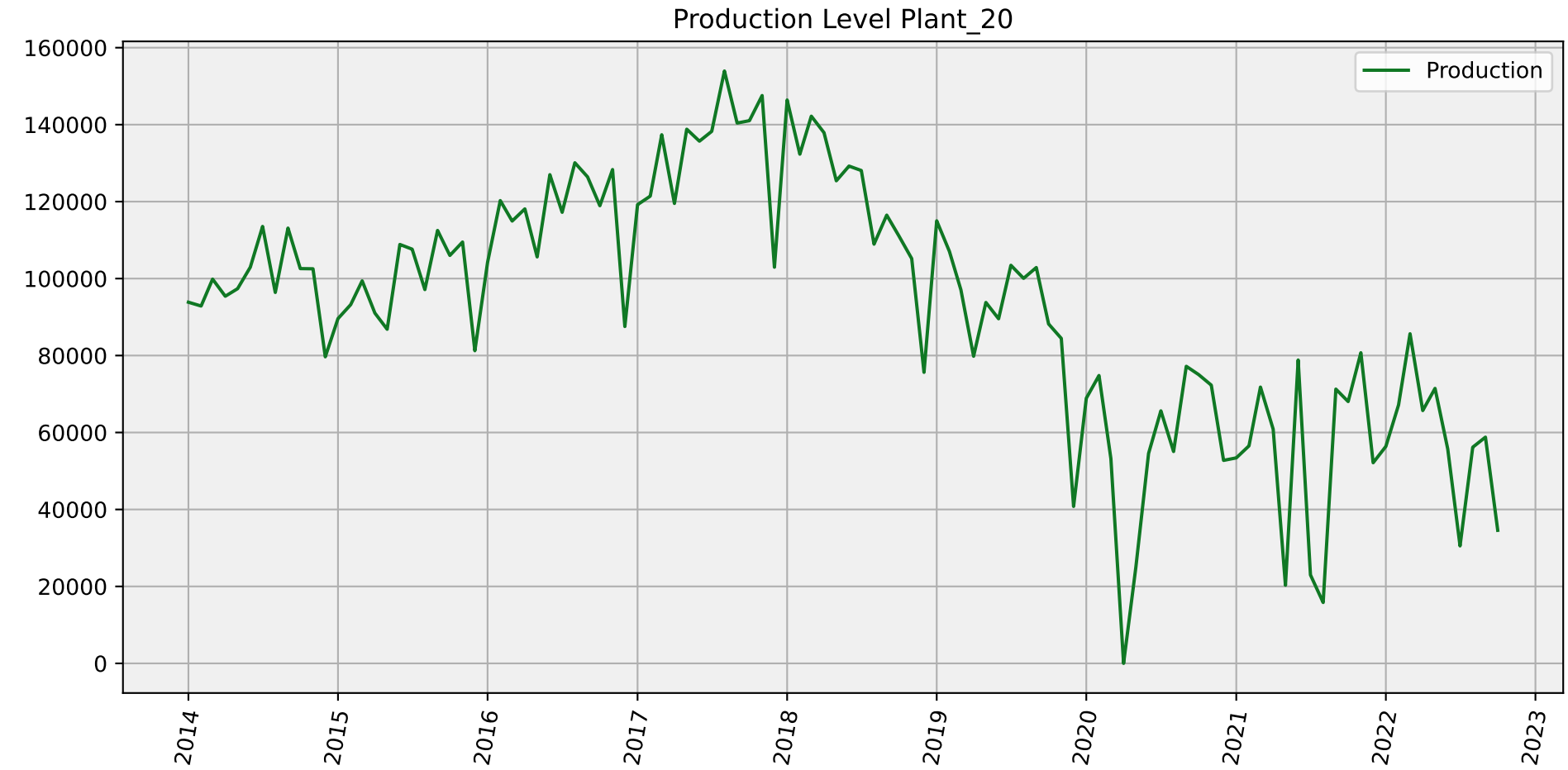
Production Level Plant_19

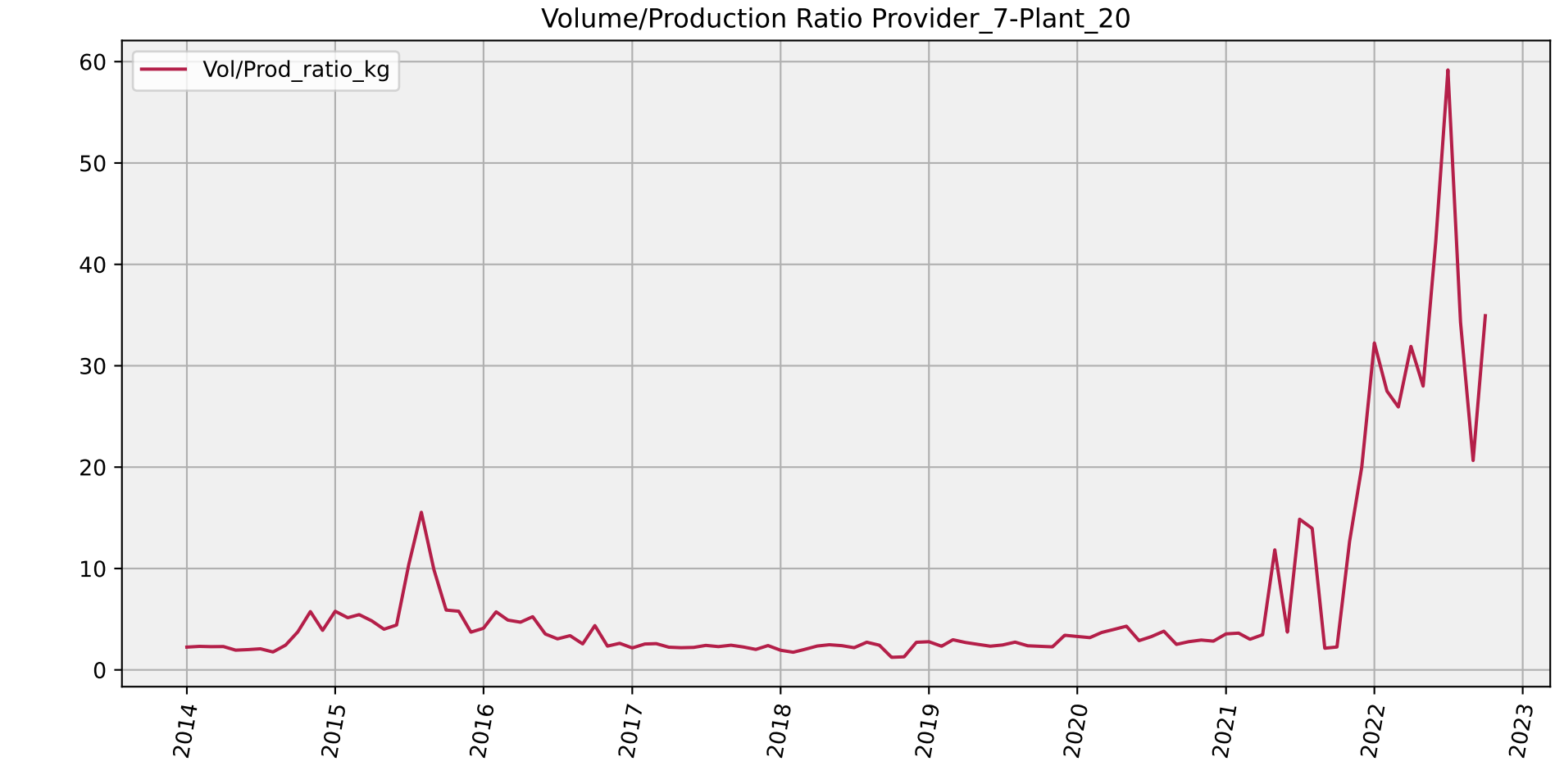


Volume/Production Ratio Provider_7-Plant_19

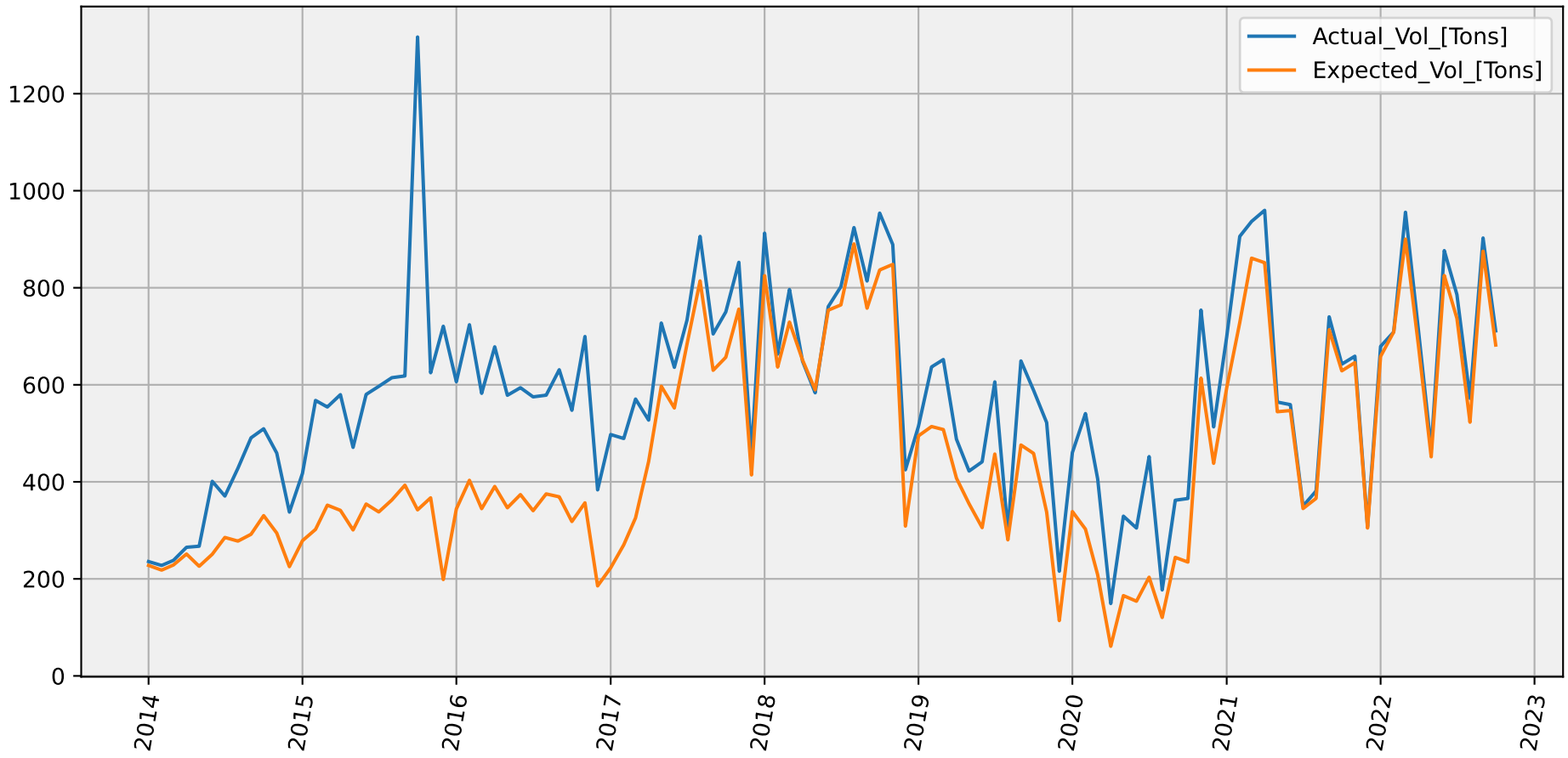



Incoming Volume Provider_7-Plant_20
Actual_Vol_[Tons]
Expected_Vol_[Tons]
2000
1500
1000
500
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

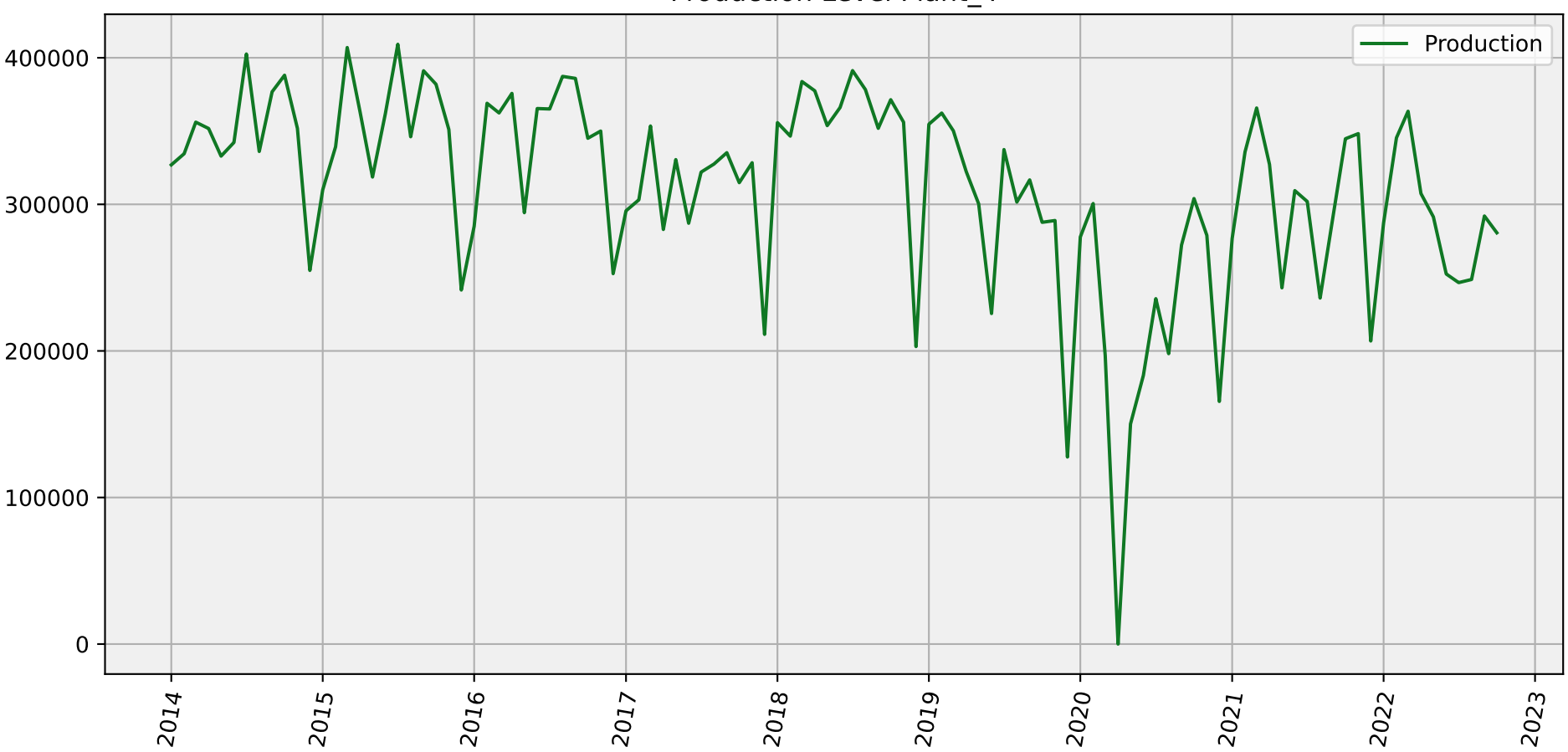

Production Level Plant_20
Production
160000
140000
120000
100000
80000
60000
40000
20000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_7-Plant_20
Vol/Prod_ratio_kg
60
50
40
30
20
10
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

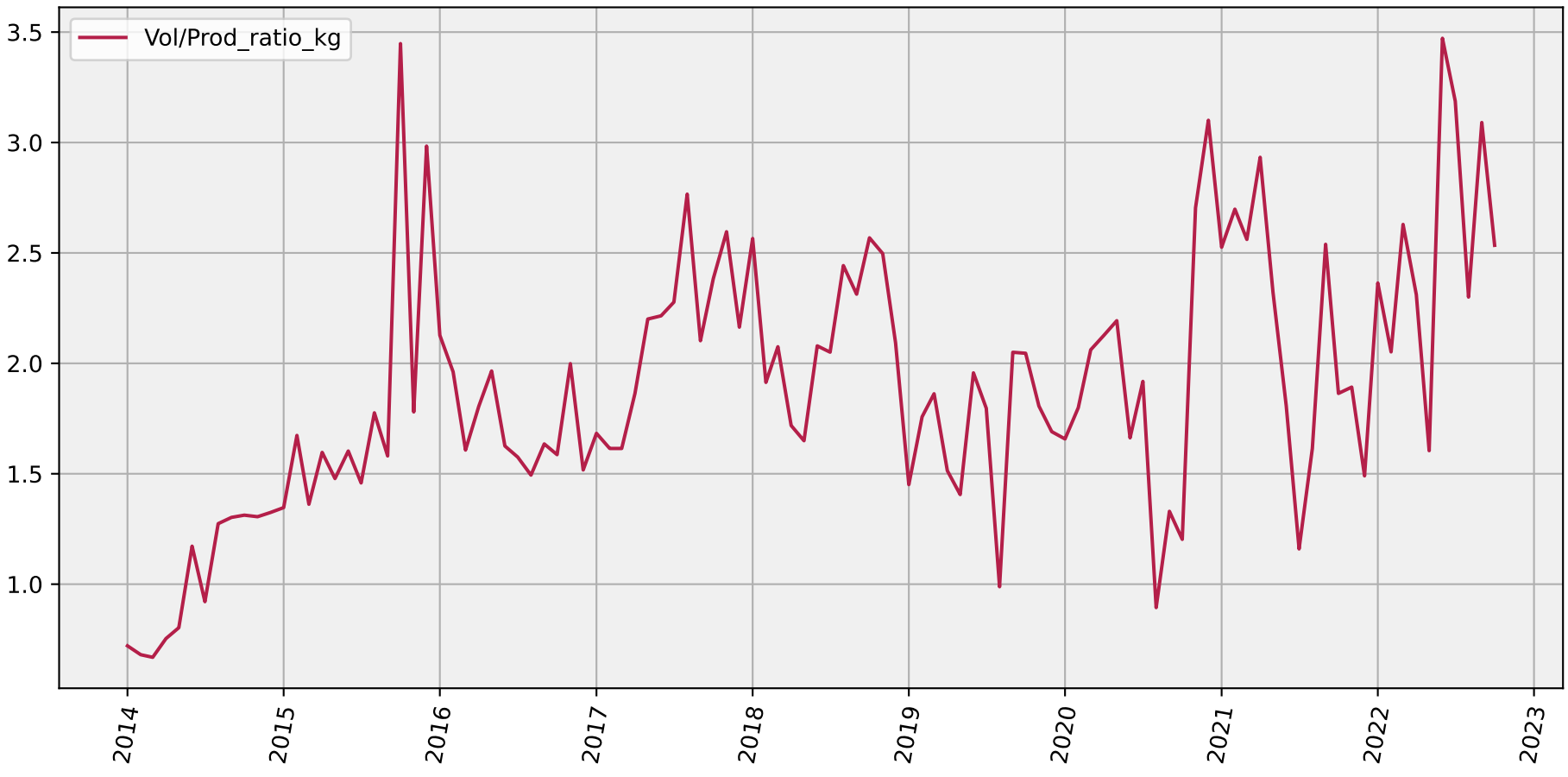
Incoming Volume Provider_7-Plant_4



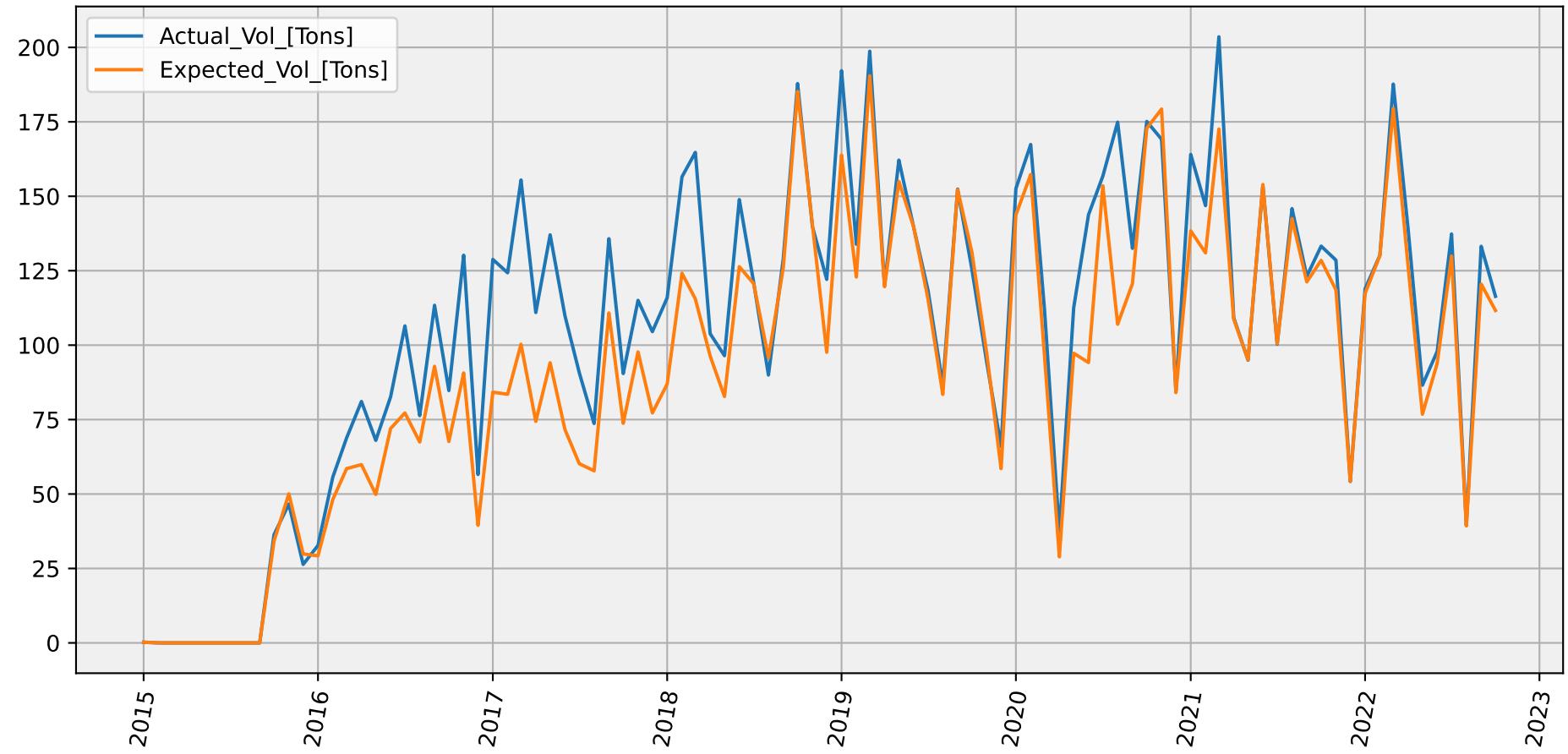
Production Level Plant_4



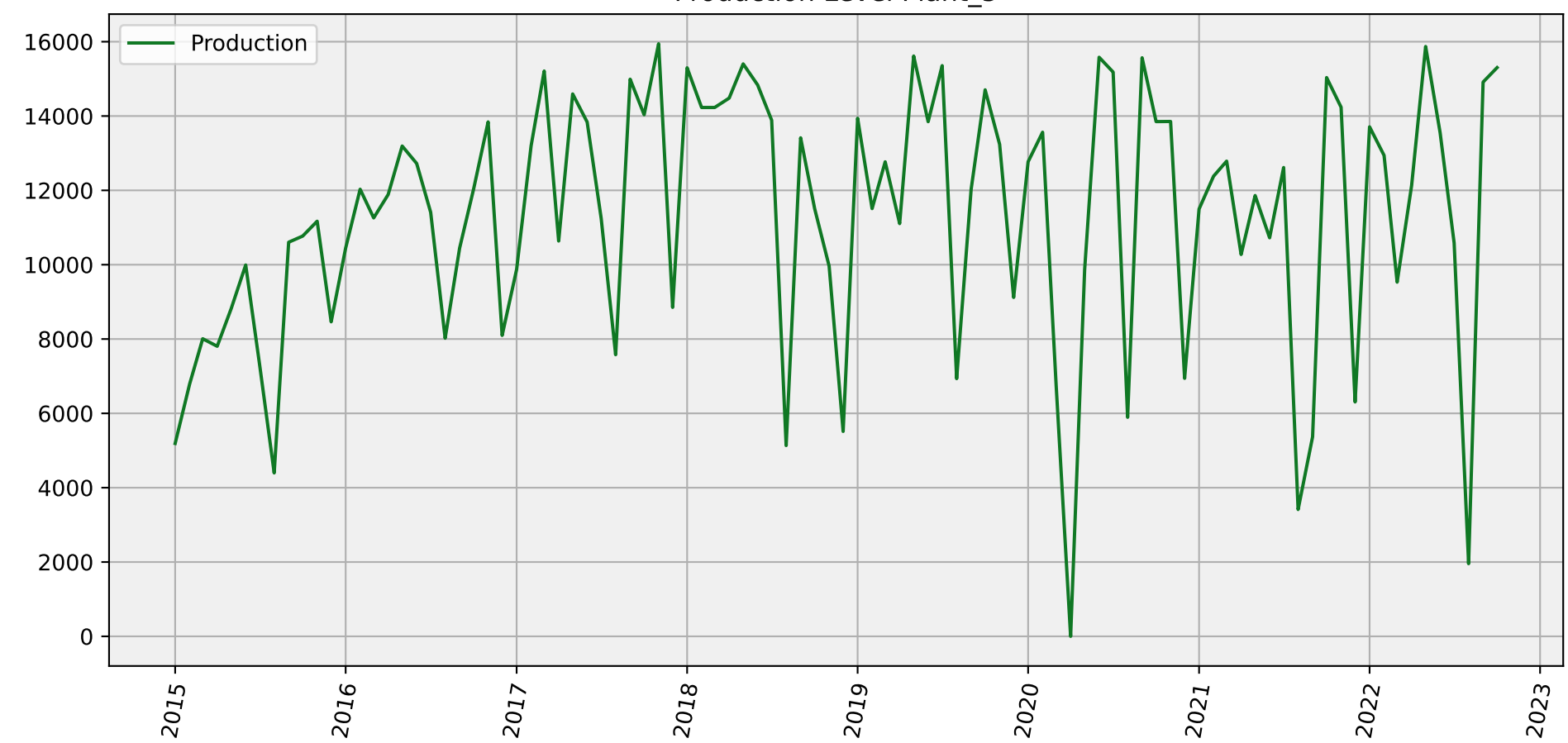
Volume/Production Ratio Provider_7-Plant_4



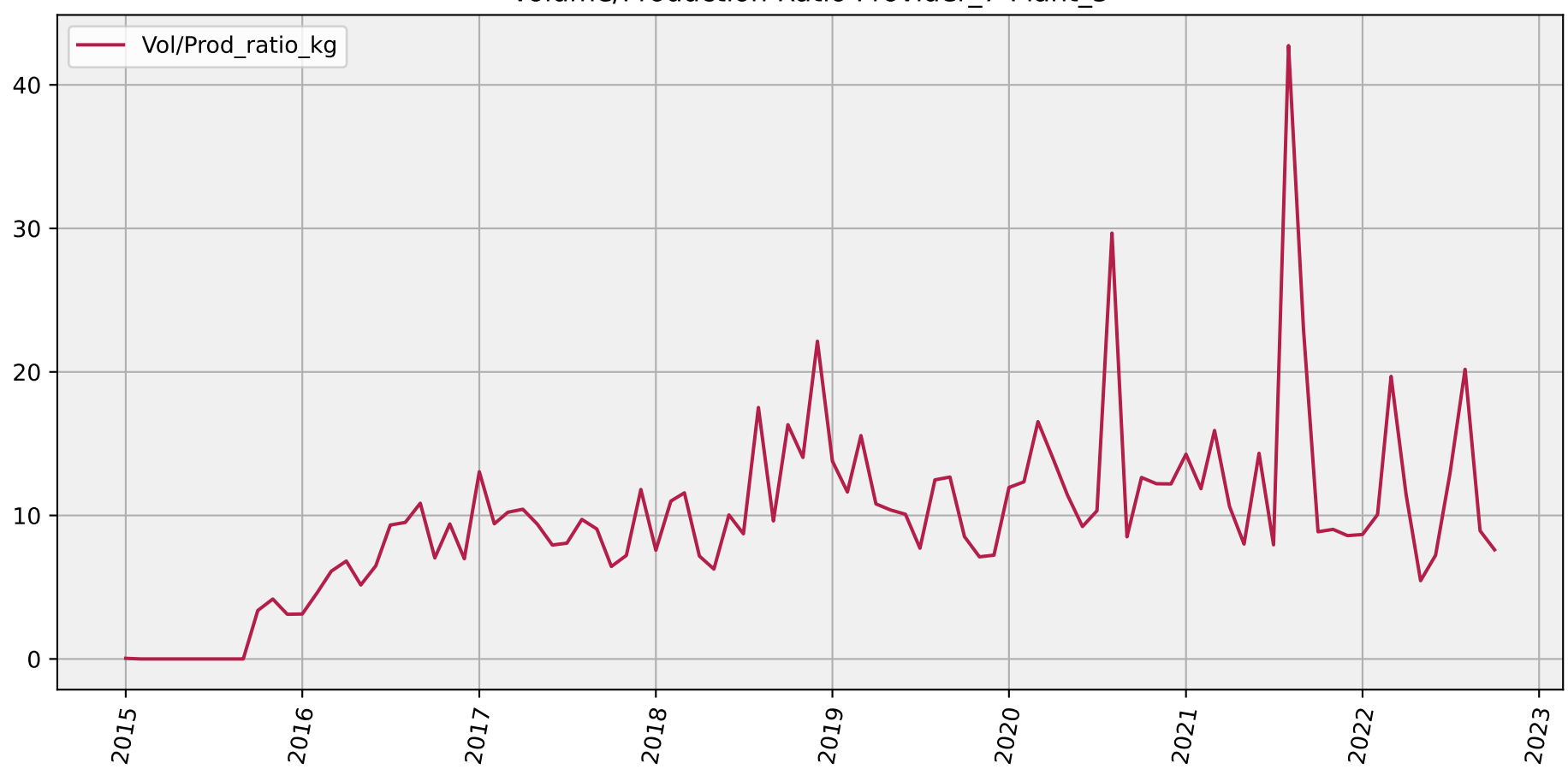
Incoming Volume Provider_7-Plant_5



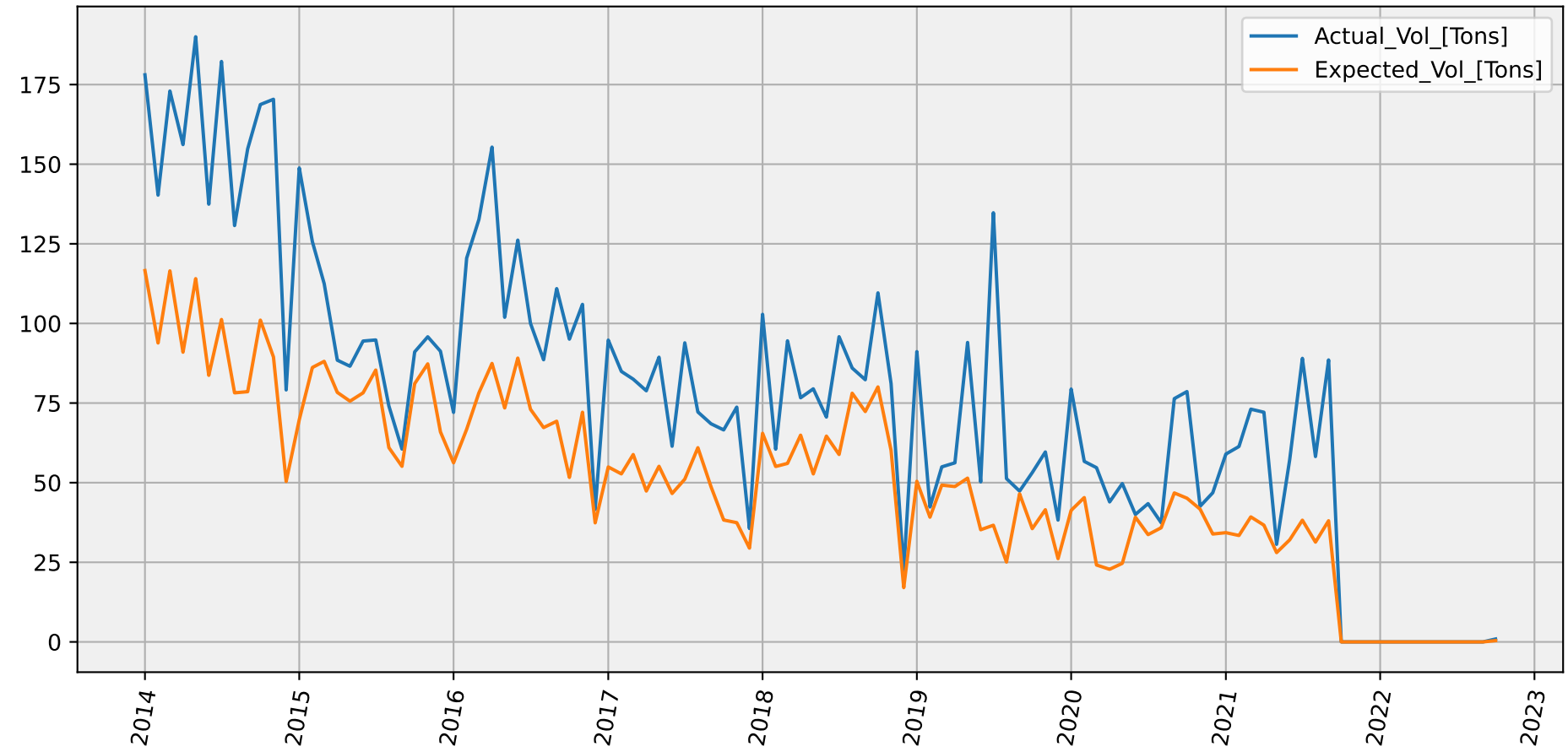
Production Level Plant_5



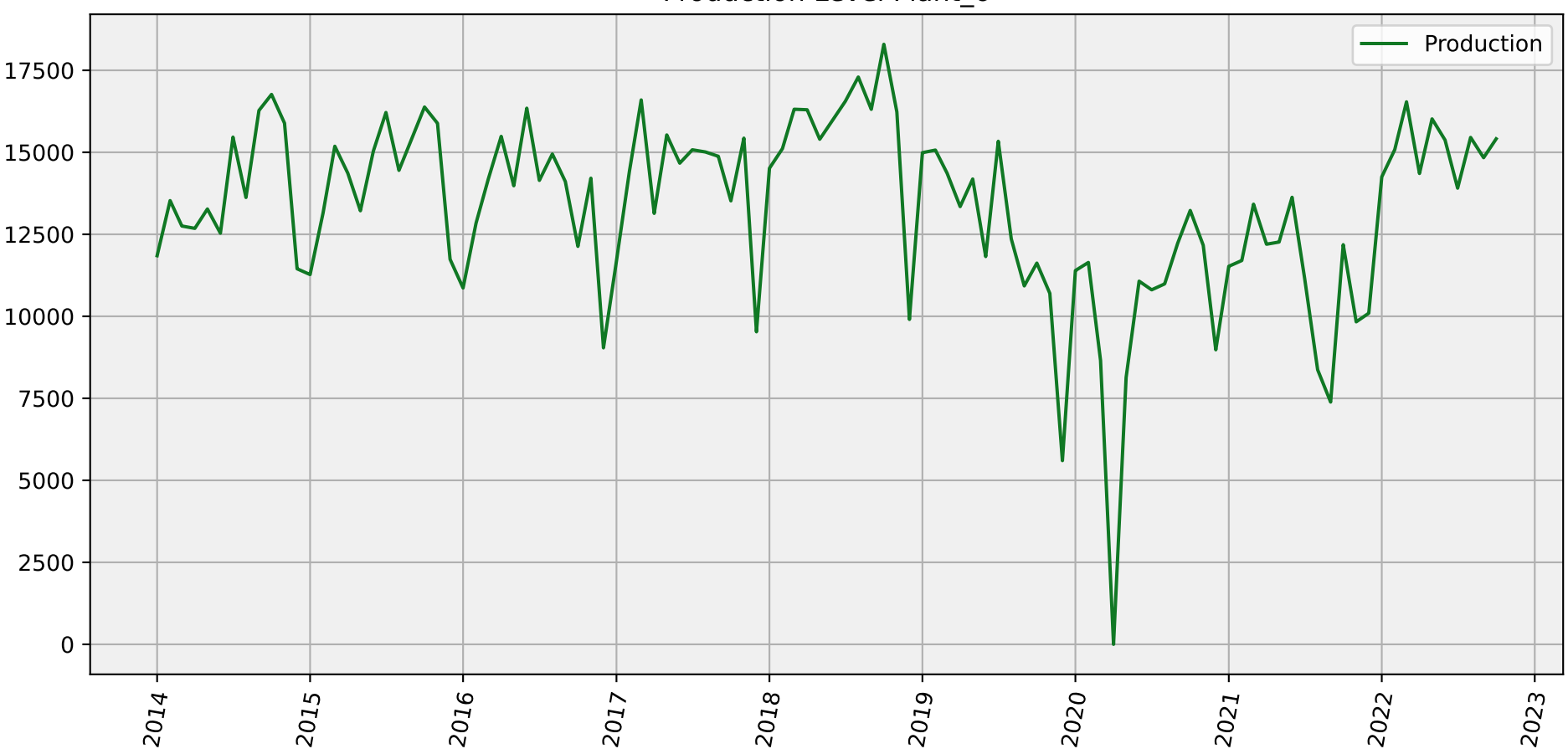
Volume/Production Ratio Provider_7-Plant_5



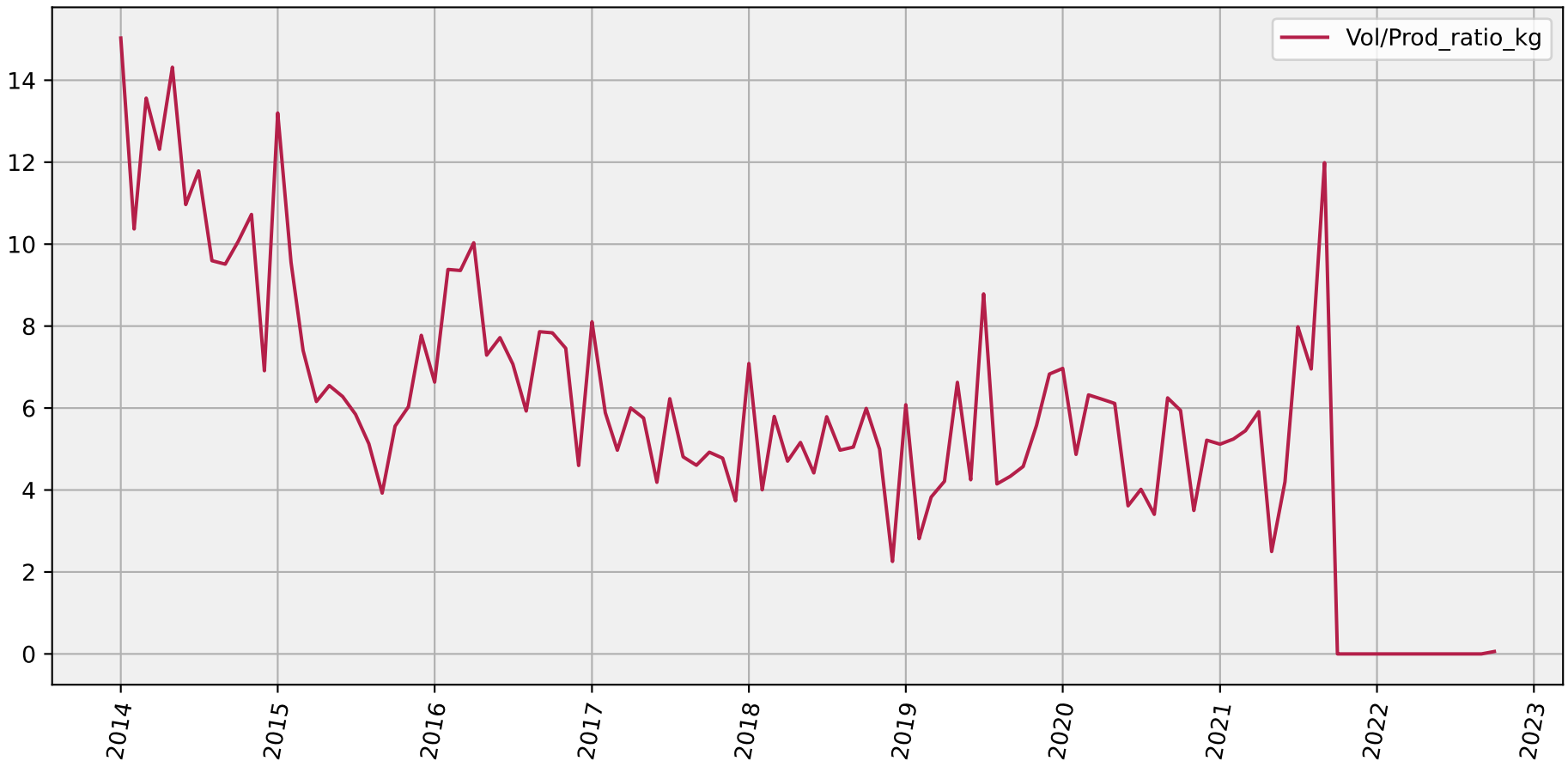
Incoming Volume Provider_7-Plant_6

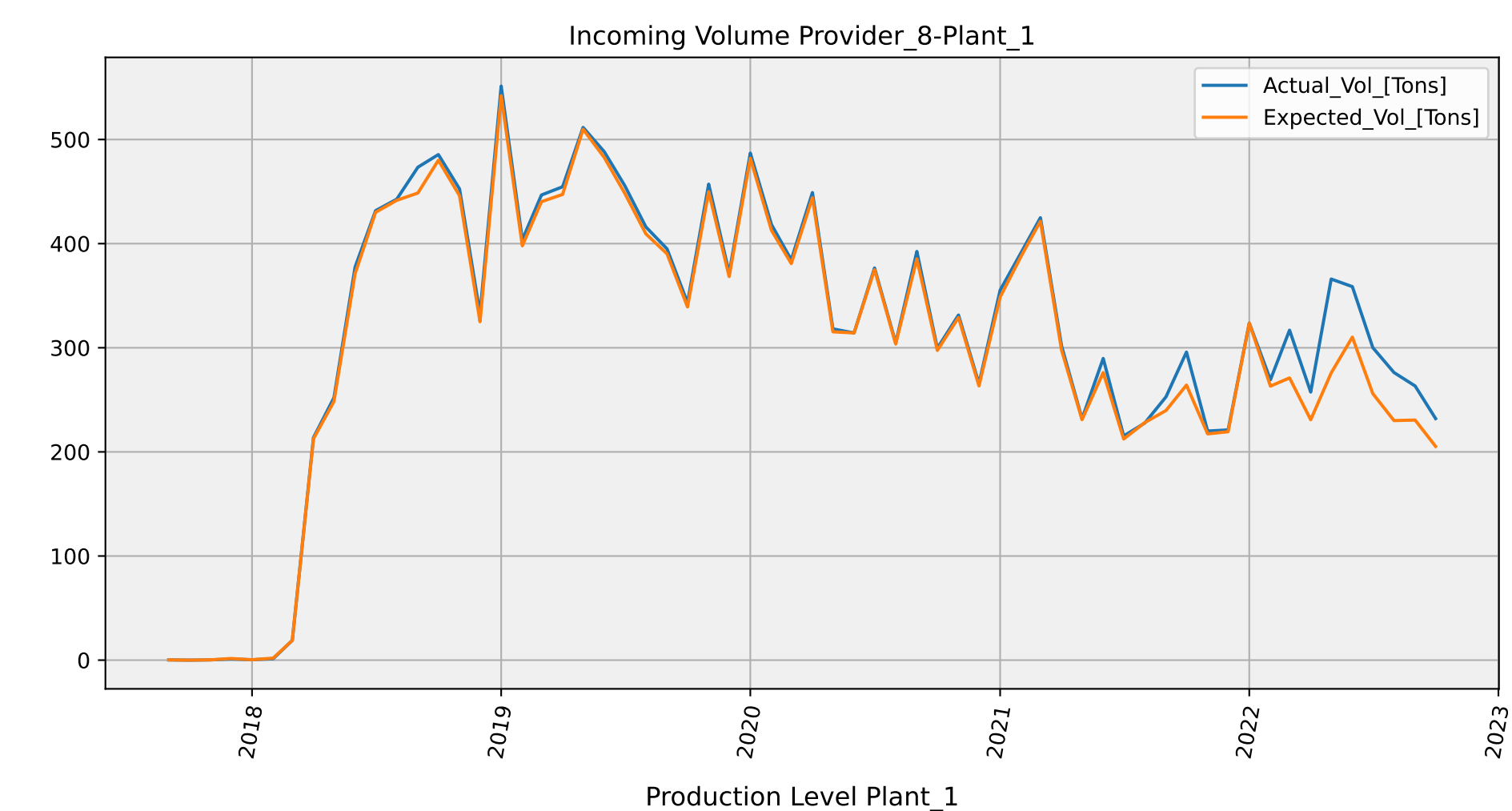


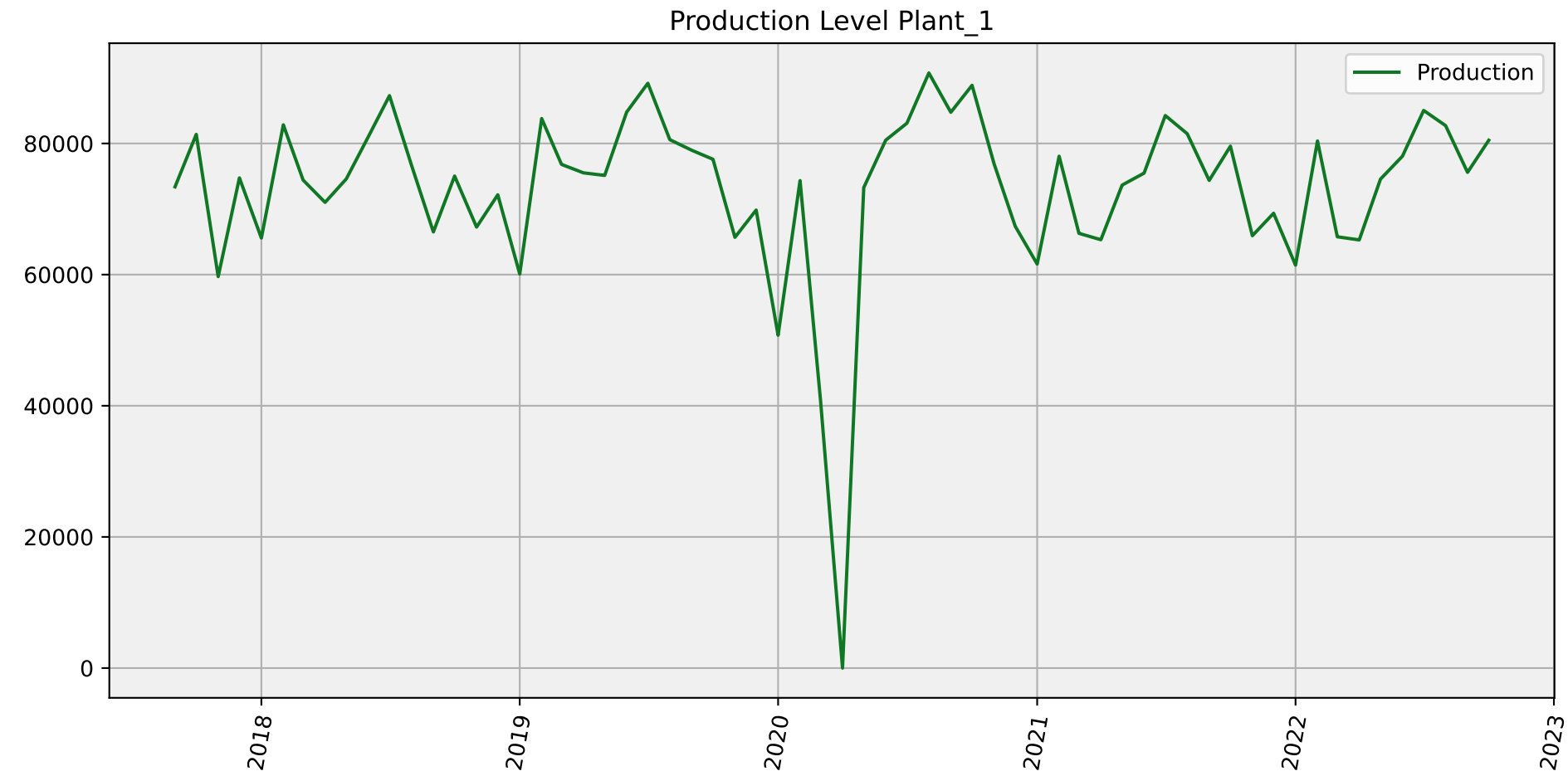
Production Level Plant_6

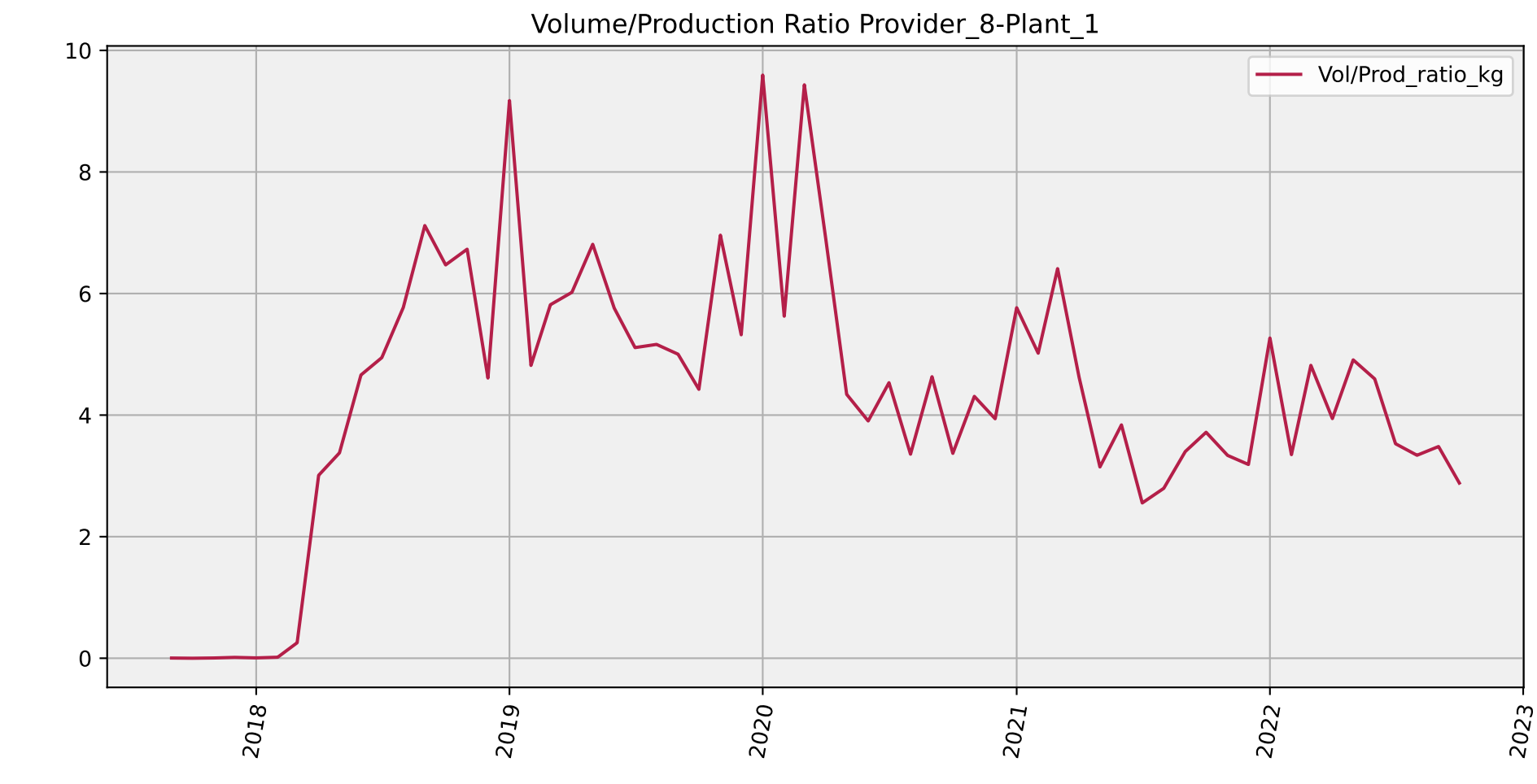


Volume/Production Ratio Provider_7-Plant_6

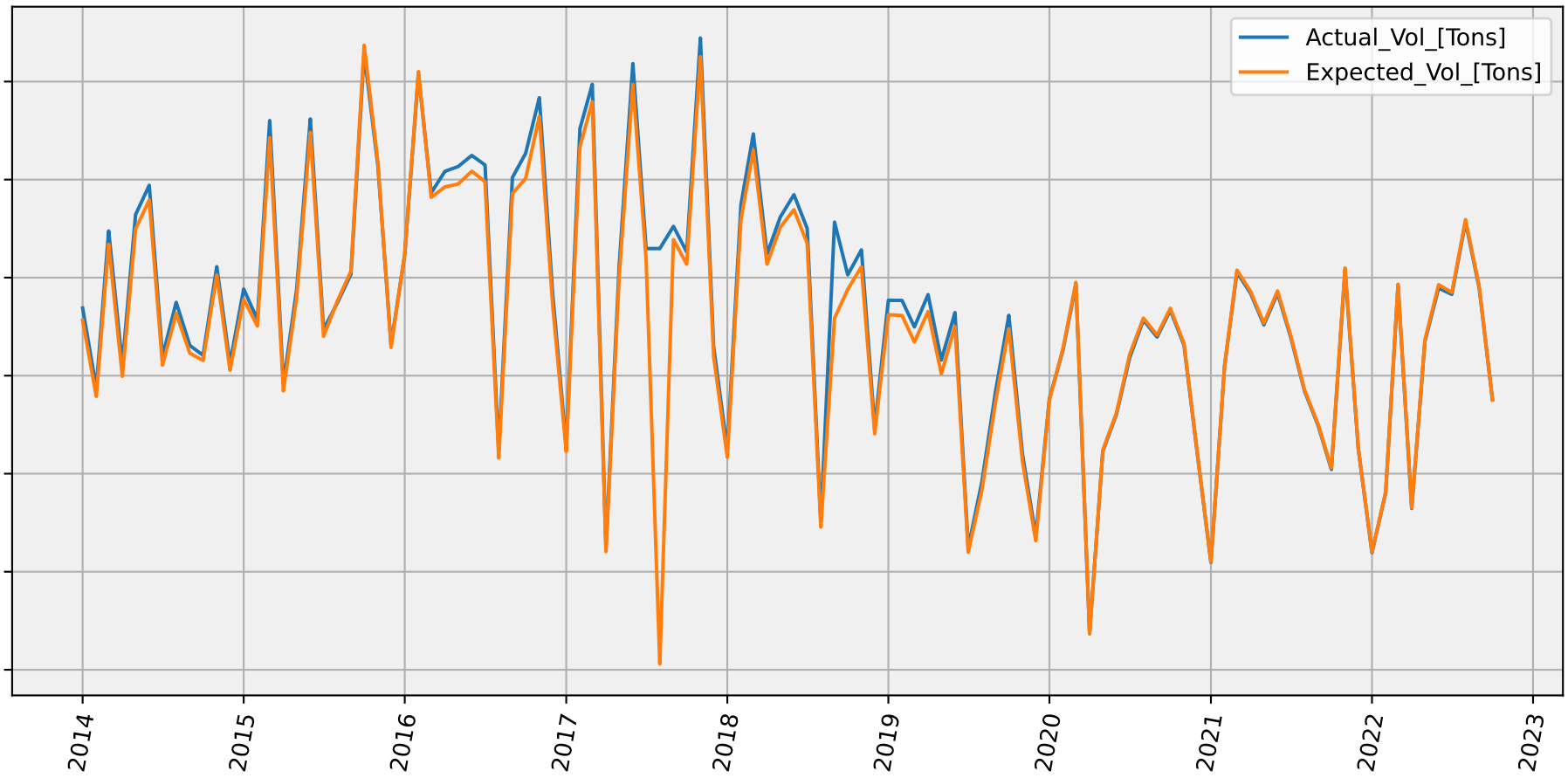



Incoming Volume Provider_8-Plant_1
Actual_Vol_[Tons]
Expected_Vol_[Tons]
500
400
300
200
100
0
2018
2019
2020
2021
2022
2023

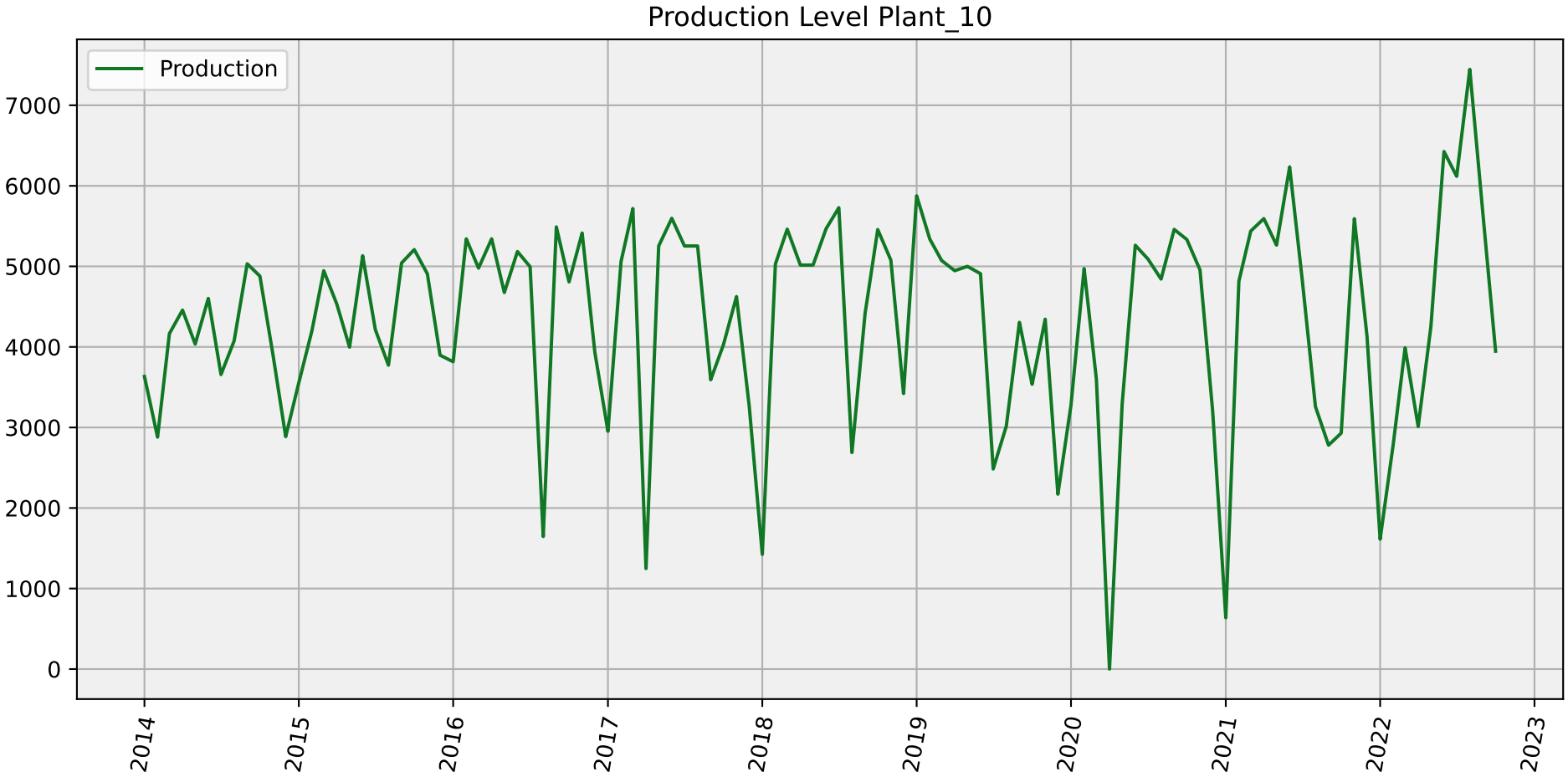

Production Level Plant_1
Production
80000
60000
40000
20000
0
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_8-Plant_1
Vol/Prod_ratio_kg
10
8
6
4
2
0
2018
2019
2020
2021
2022
2023

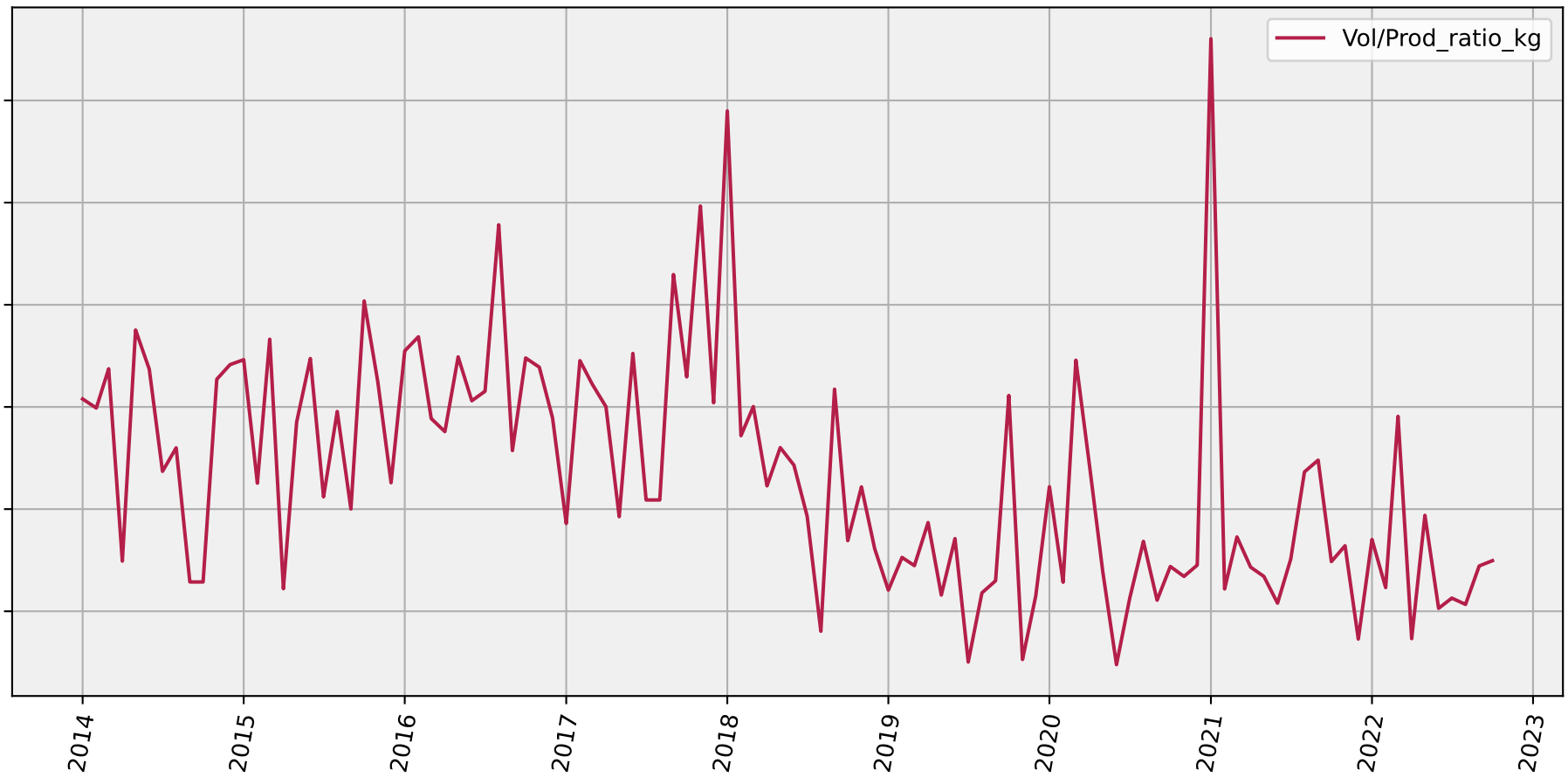
Incoming Volume Provider_8-Plant_10



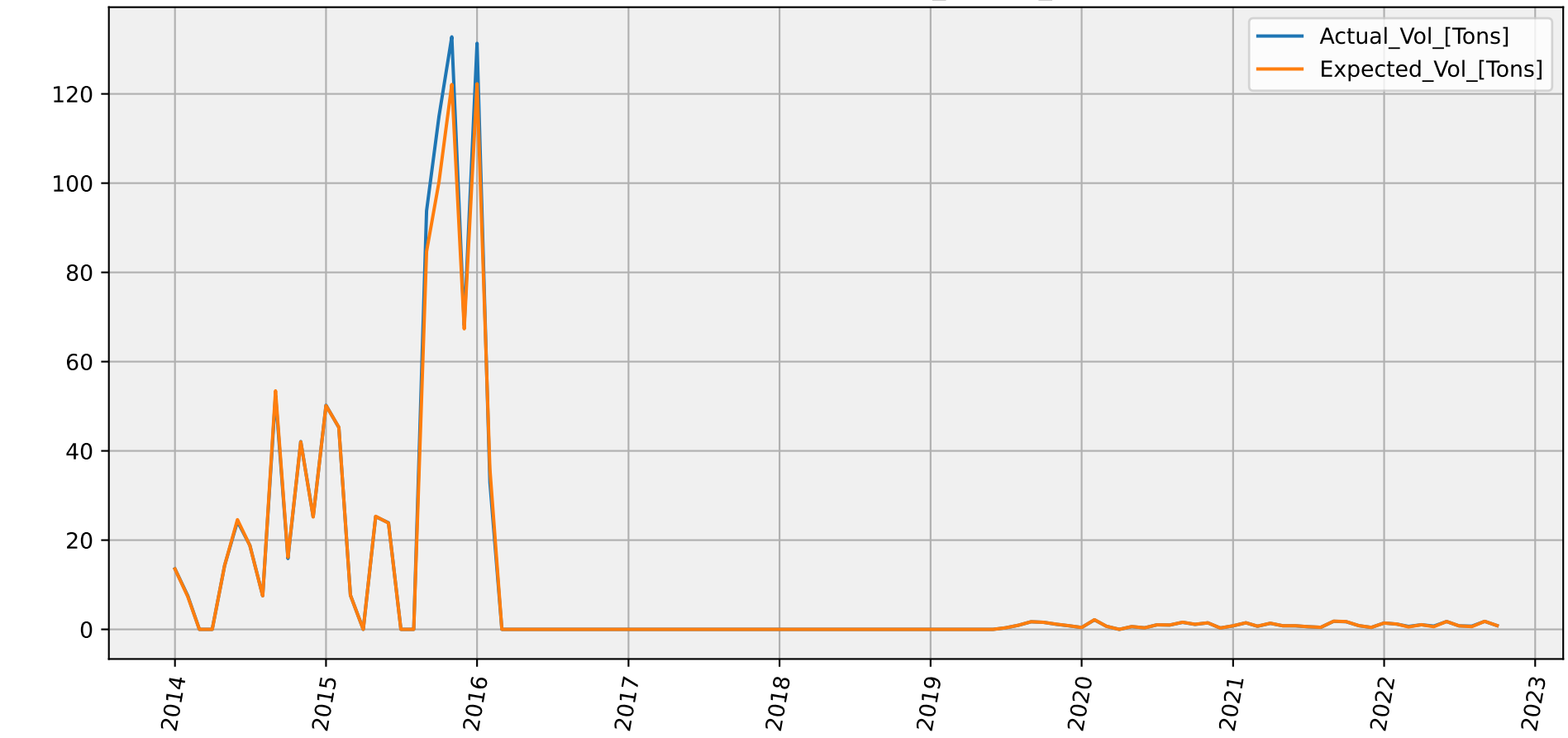
Production Level Plant_10



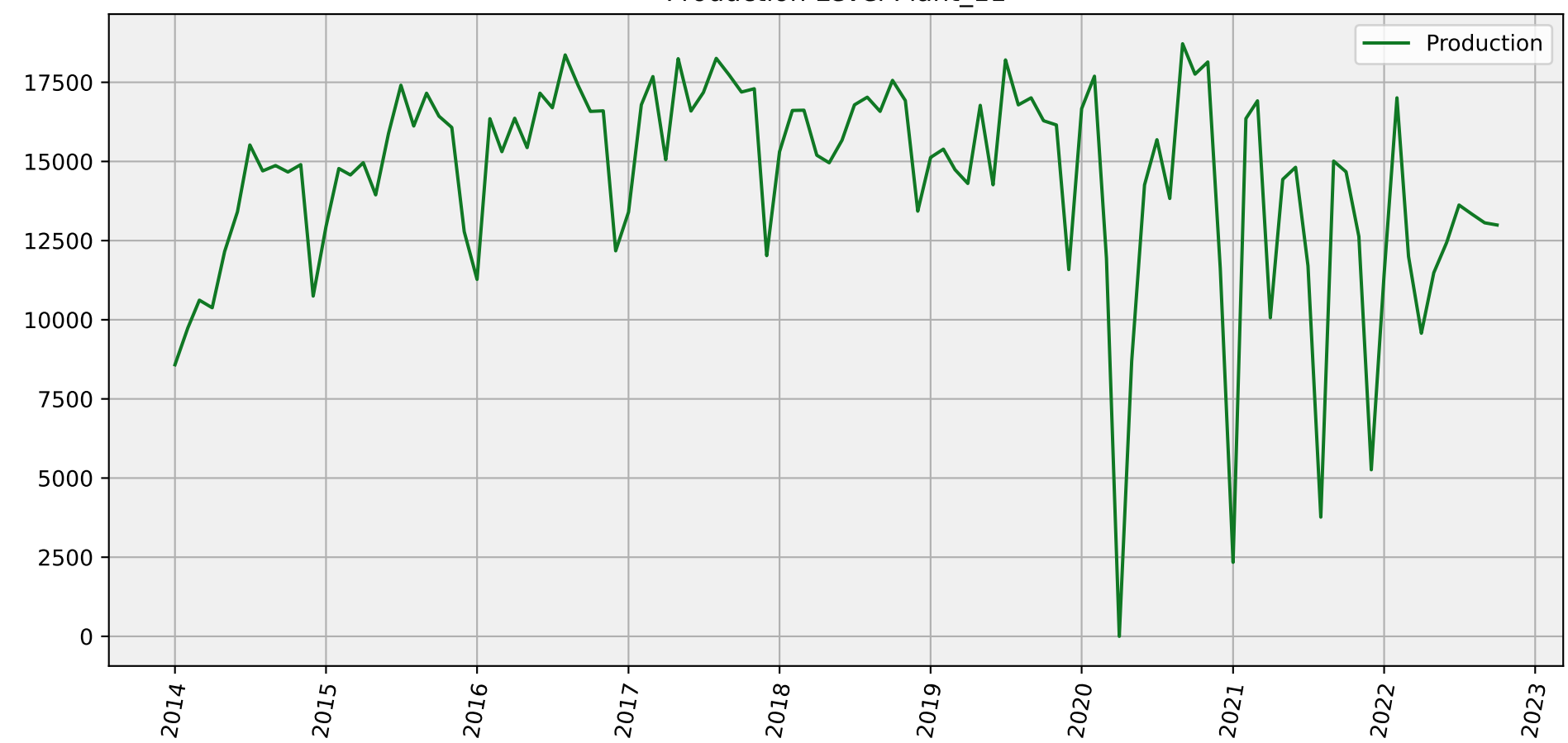
Volume/Production Ratio Provider_8-Plant_10



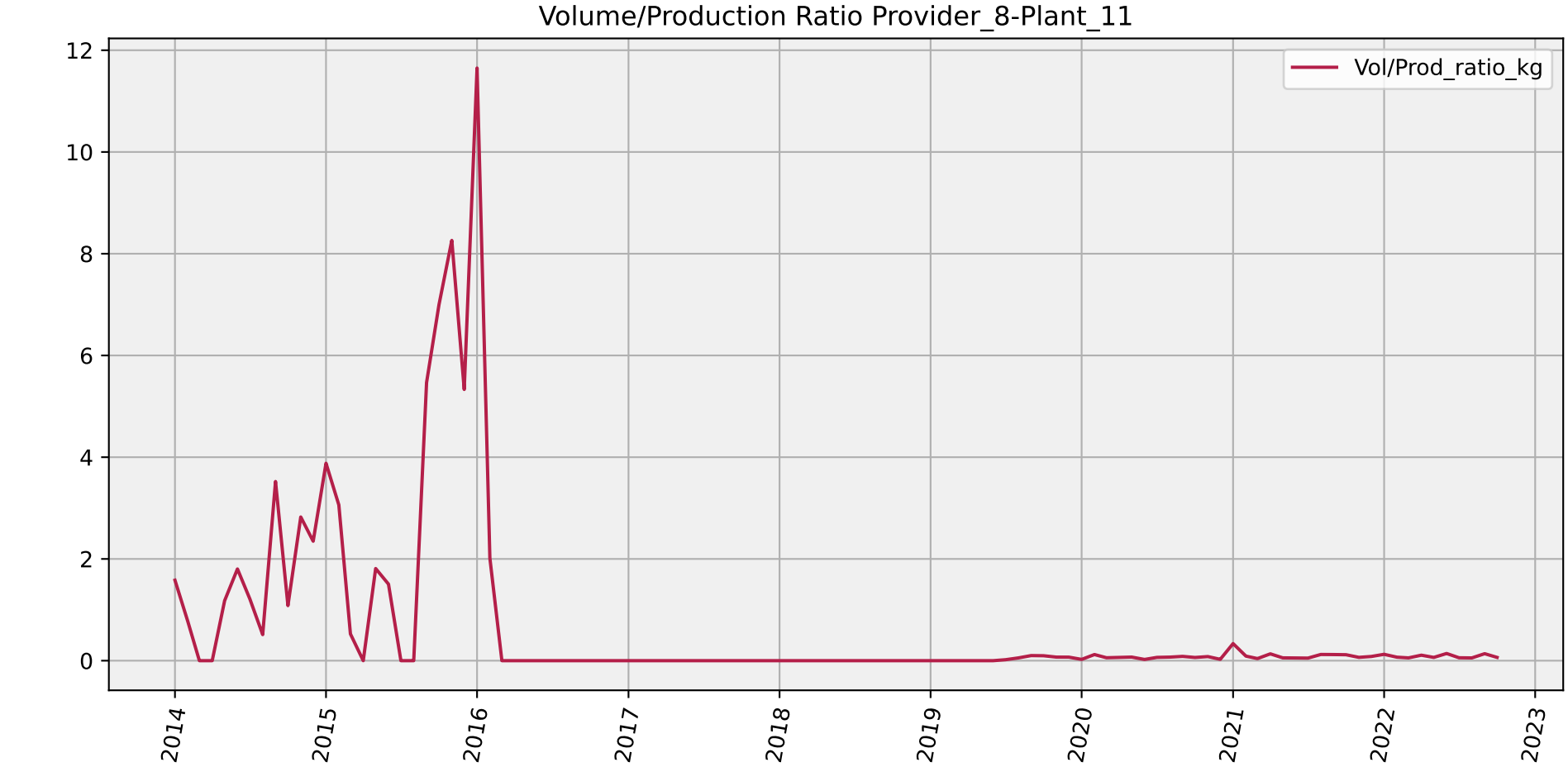
Incoming Volume Provider_8-Plant_11



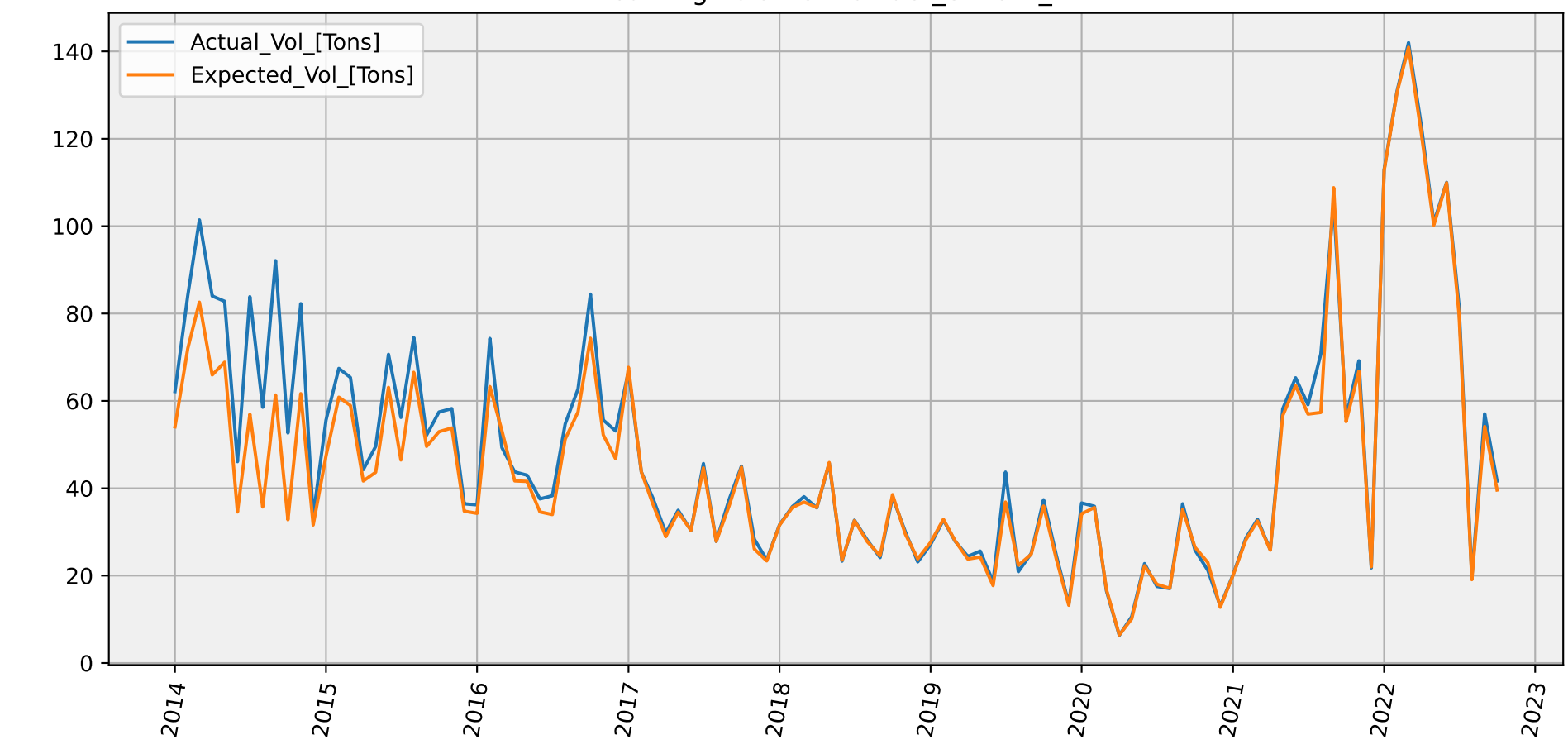
Production Level Plant_11



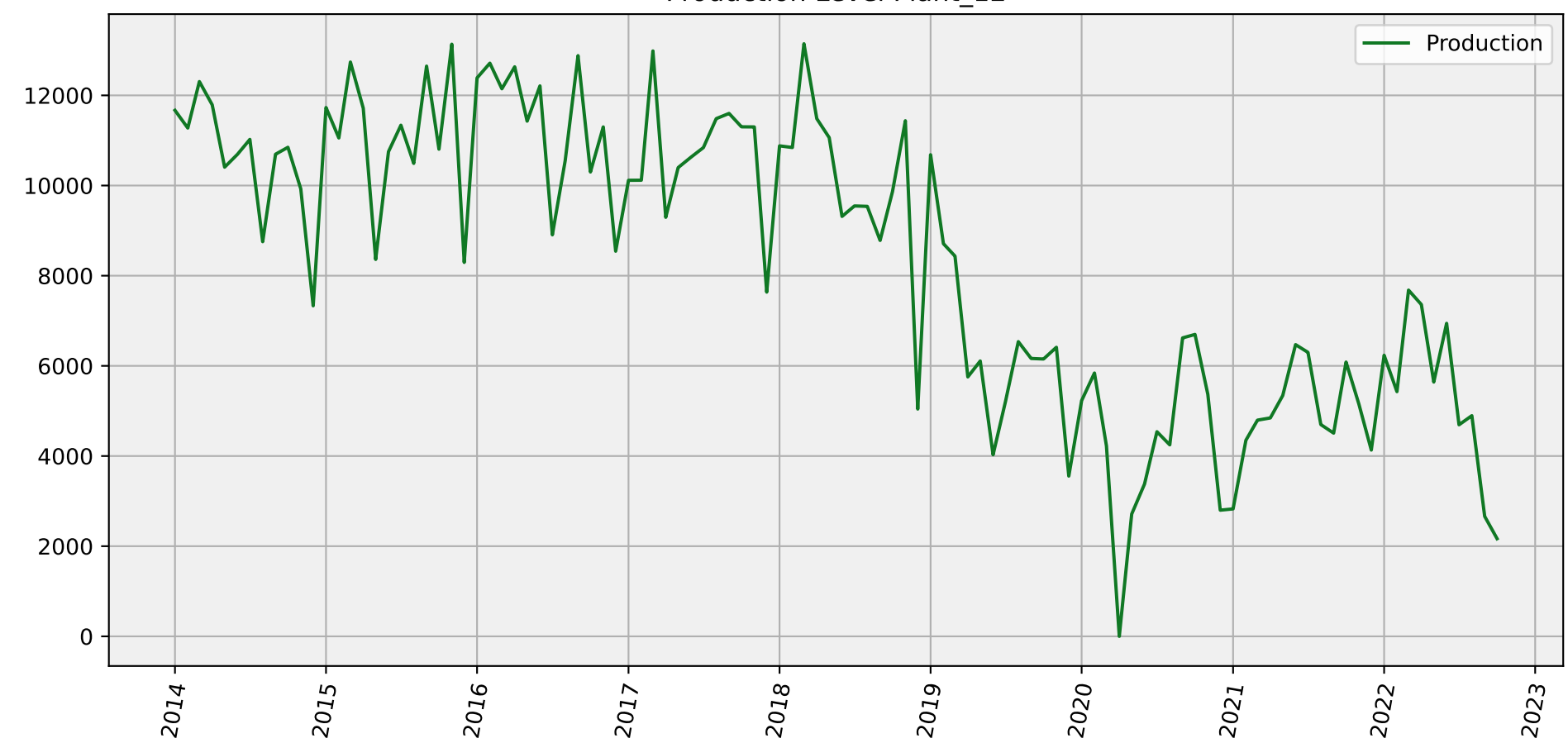
Volume/Production Ratio Provider_8-Plant_11



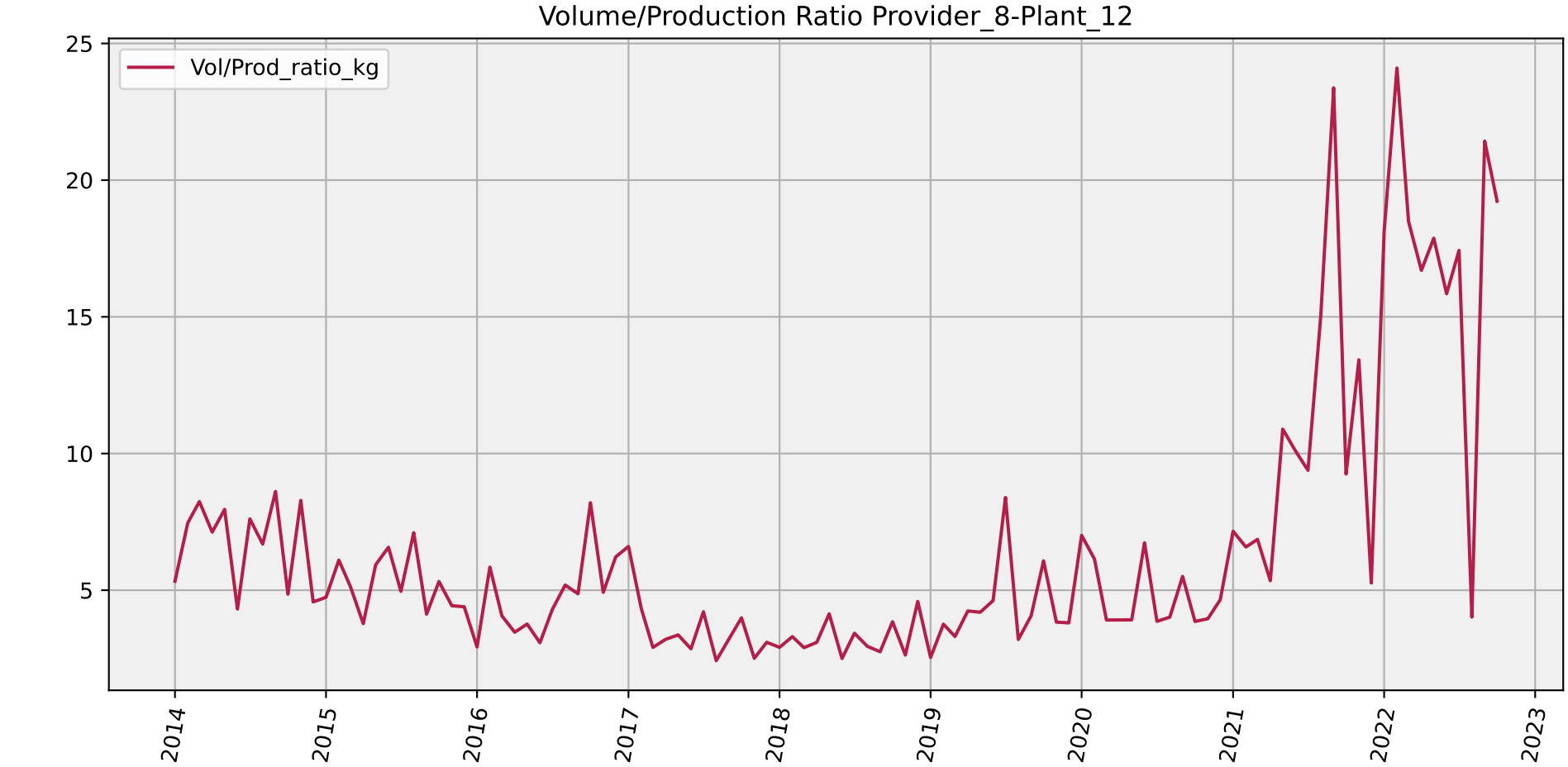
Incoming Volume Provider_8-Plant_12



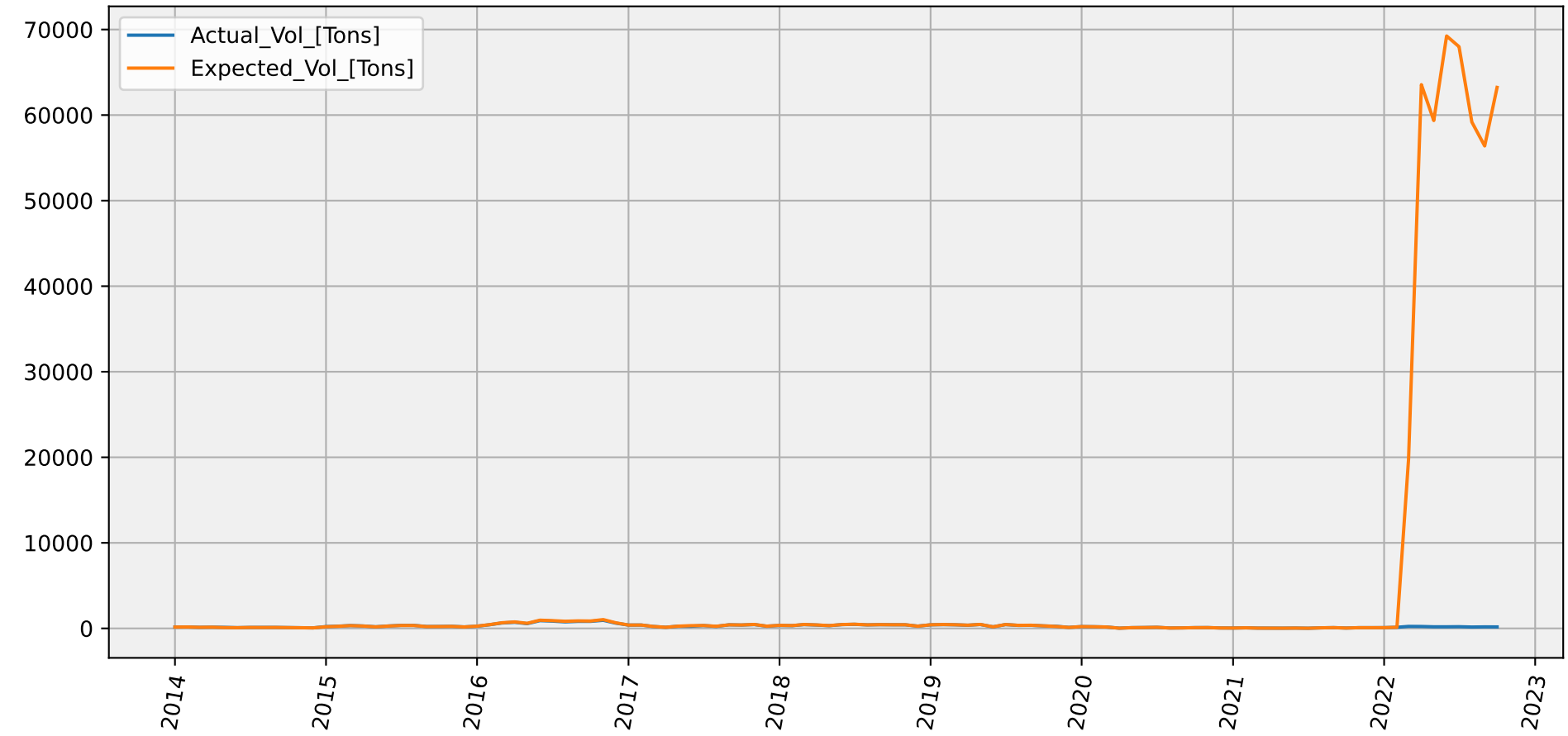
Production Level Plant_12



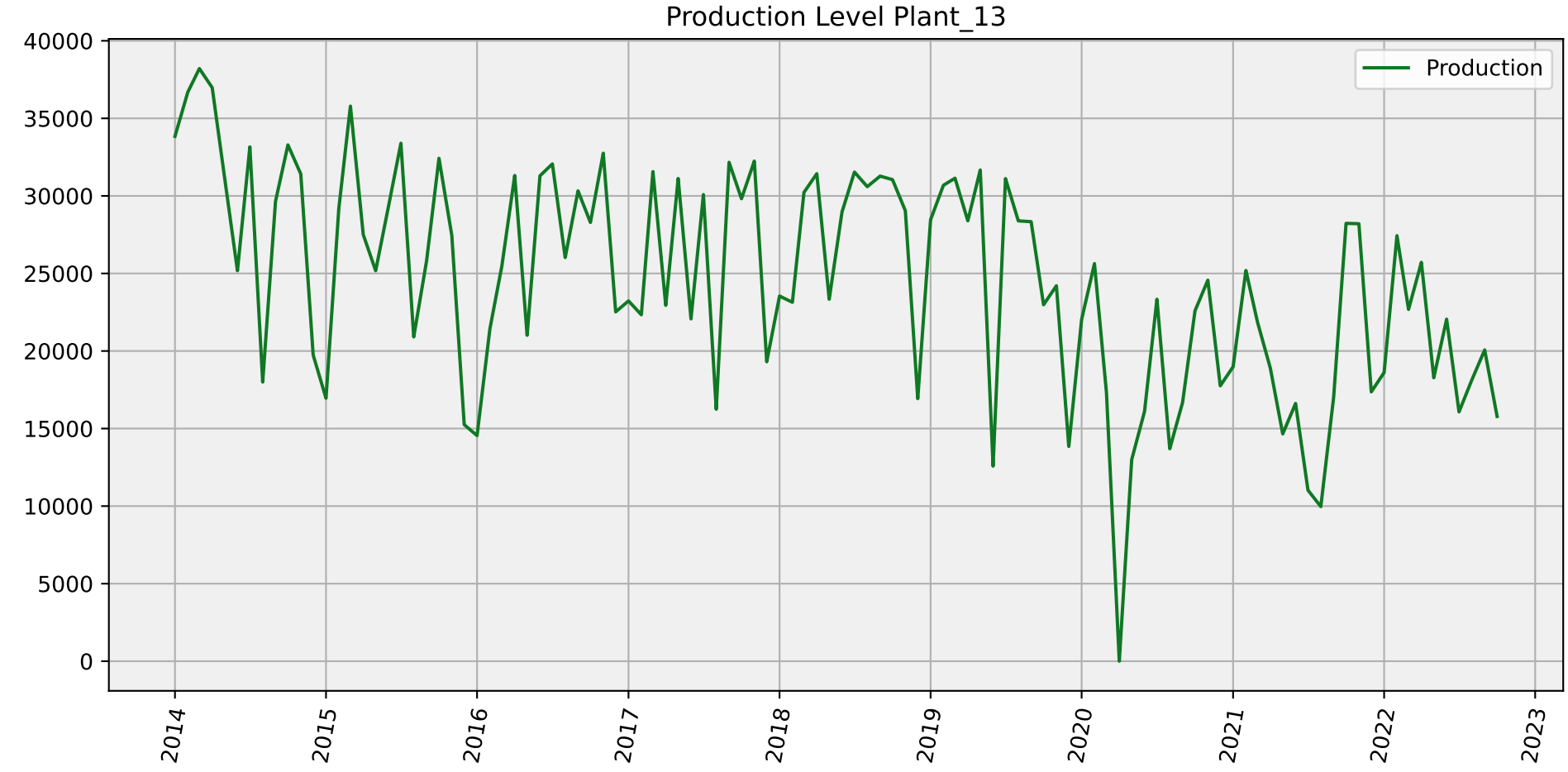
Volume/Production Ratio Provider_8-Plant_12



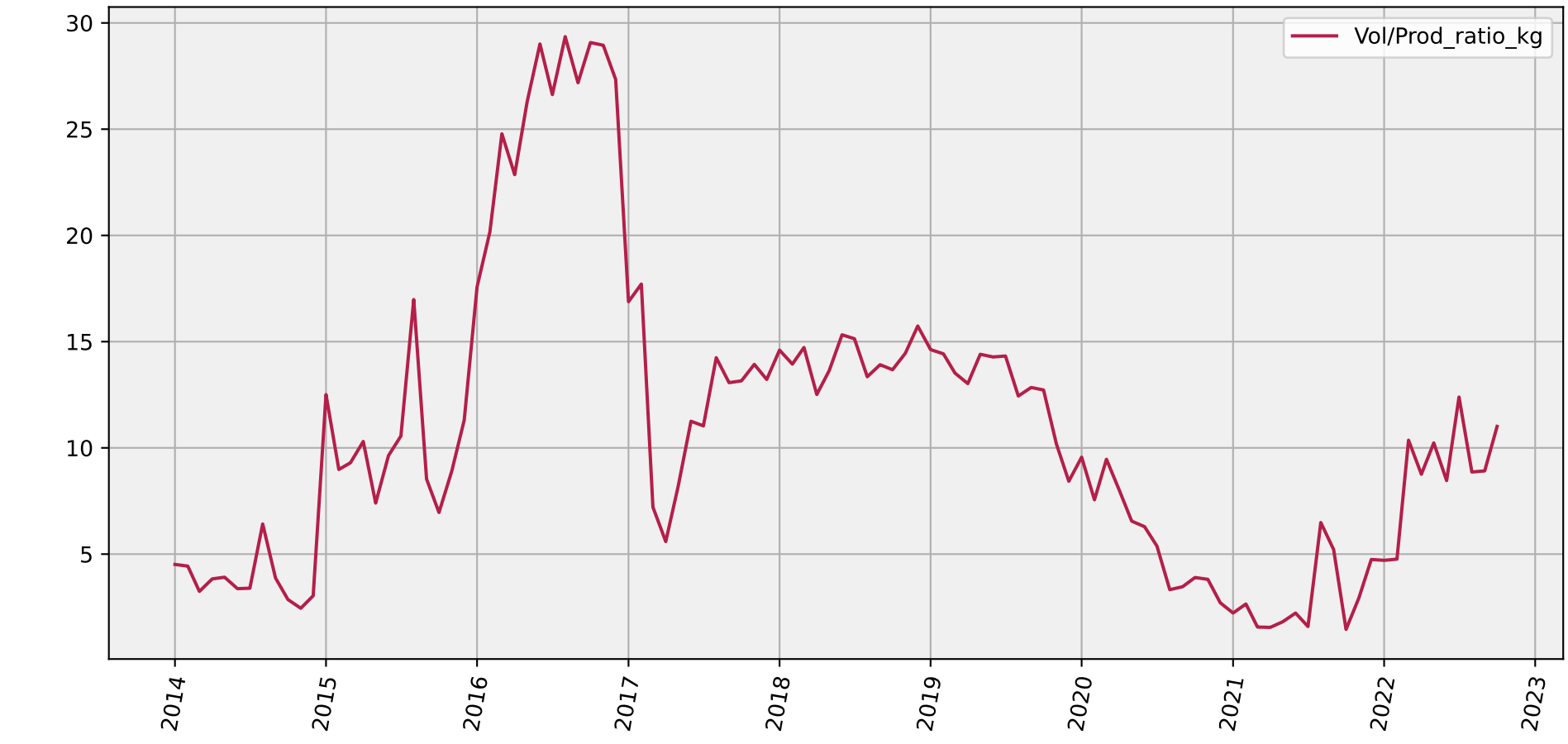
Incoming Volume Provider_8-Plant_13



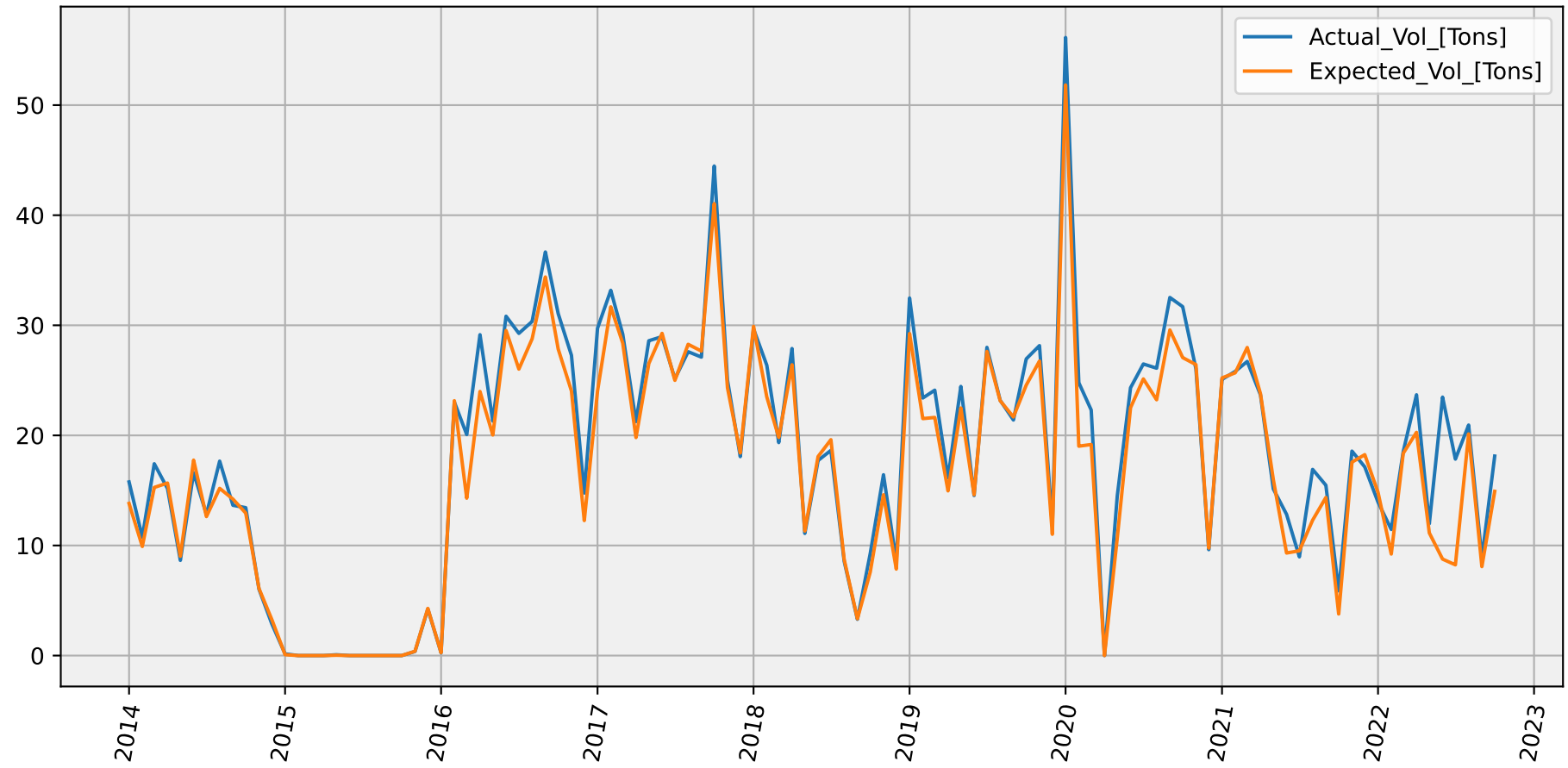
Production Level Plant_13



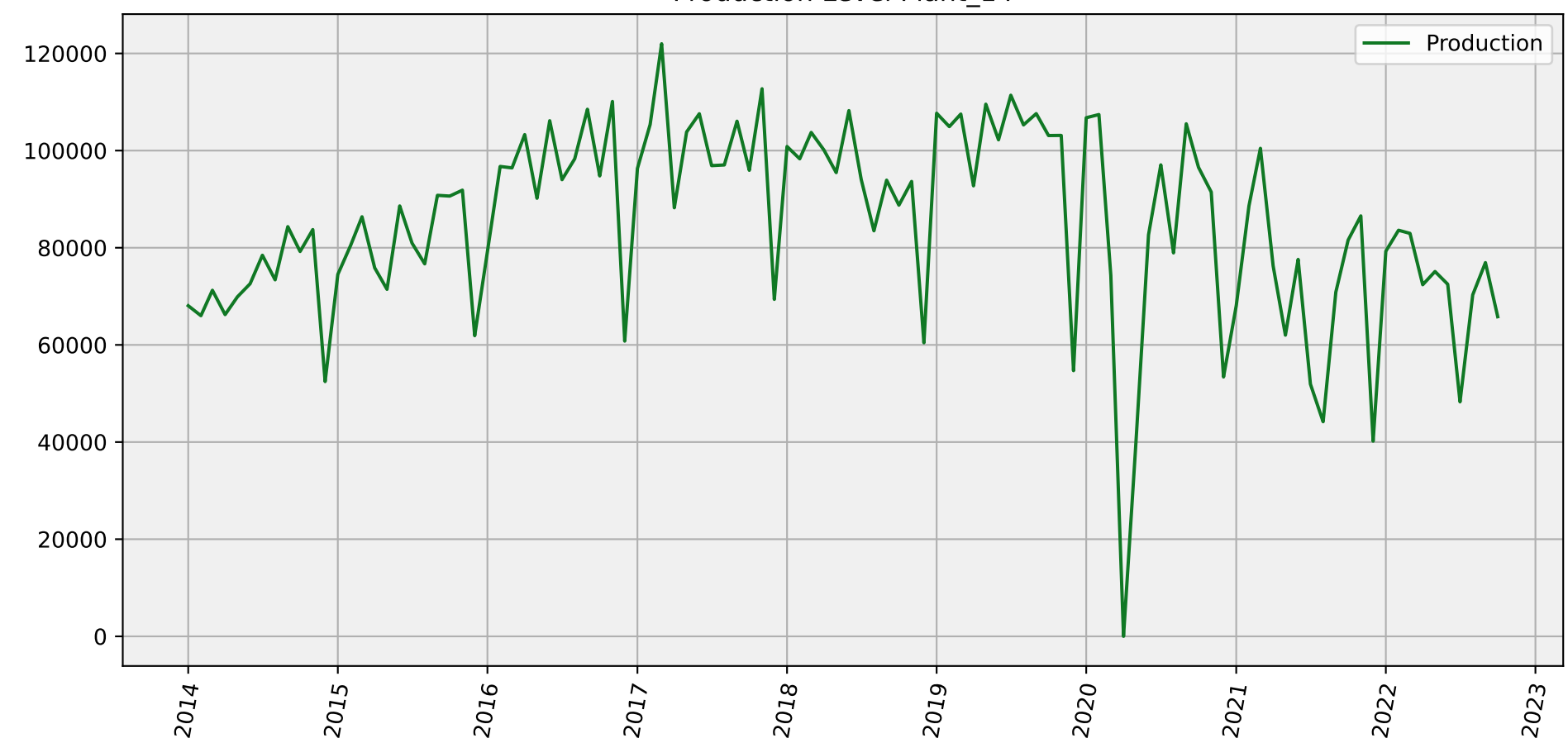
Volume/Production Ratio Provider_8-Plant_13



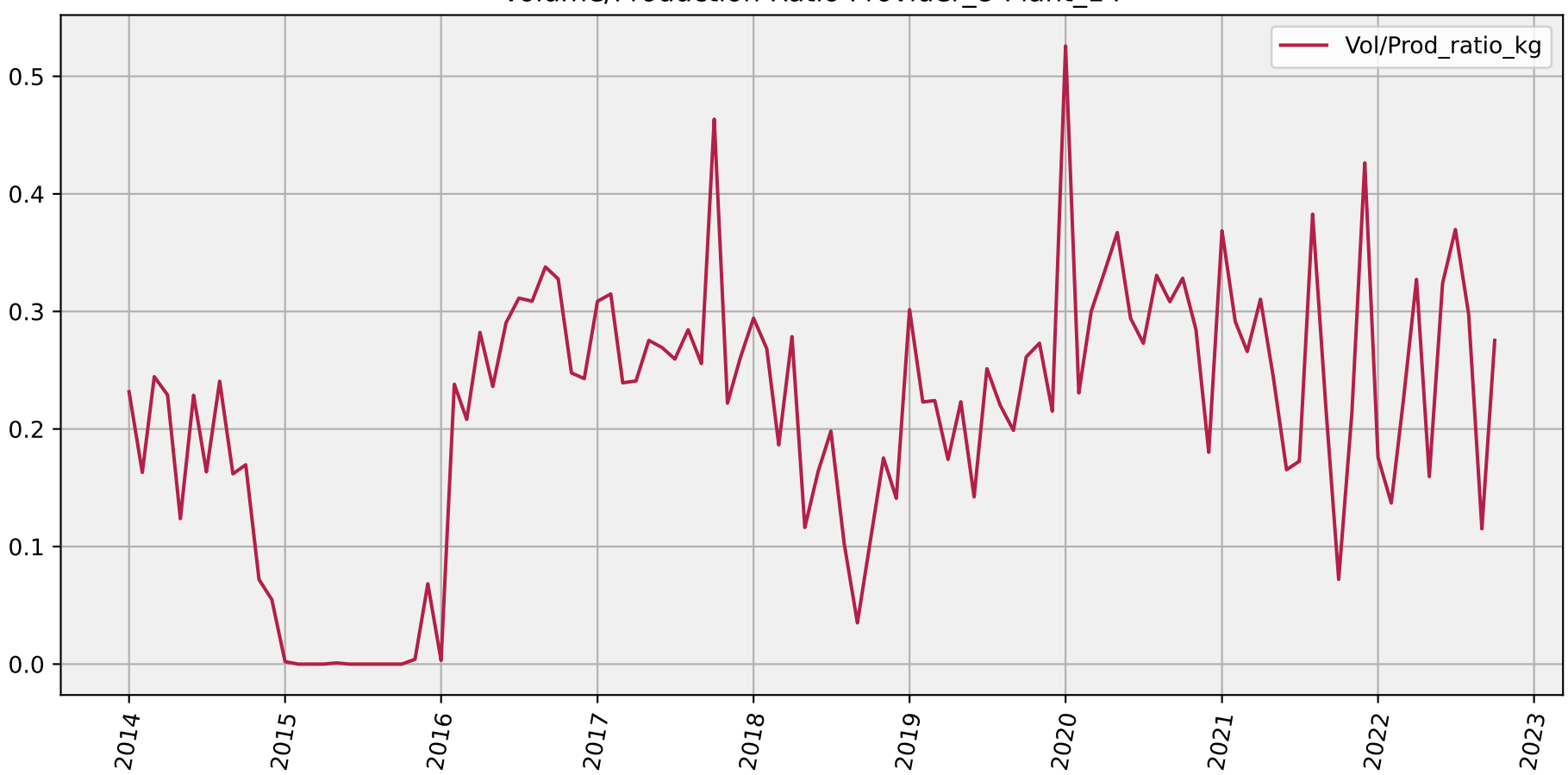
Incoming Volume Provider_8-Plant_14

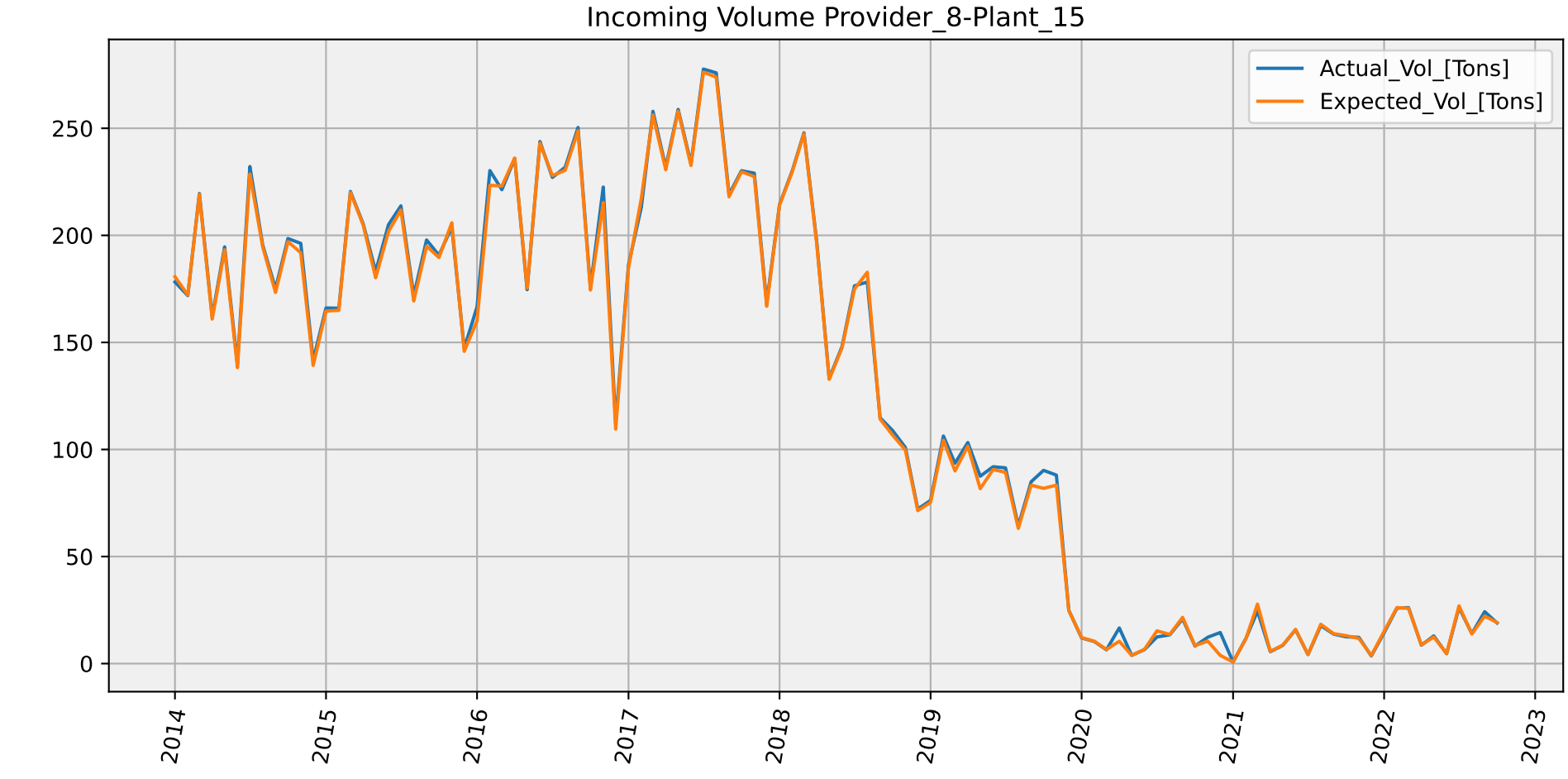


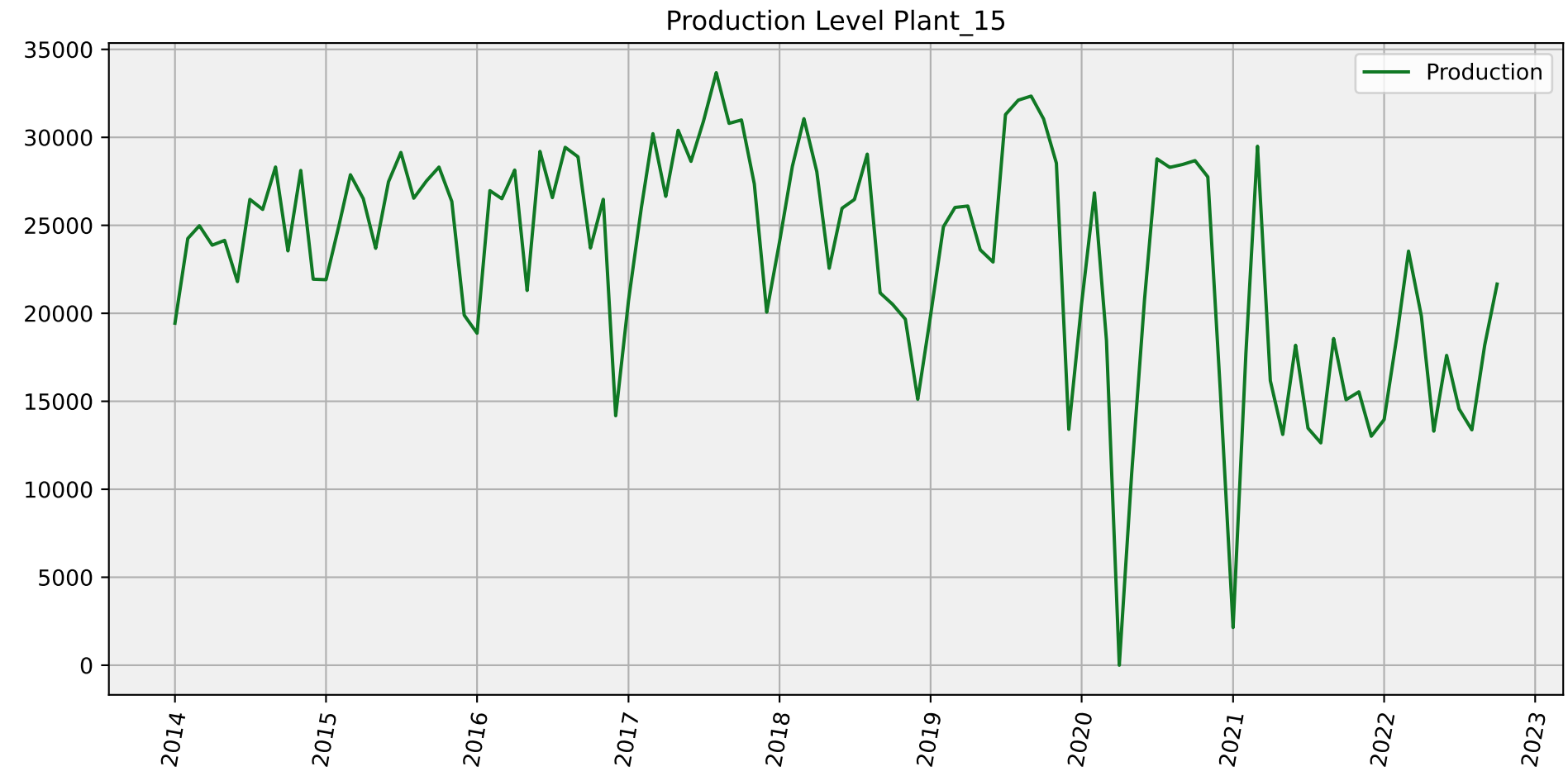
Production Level Plant_14

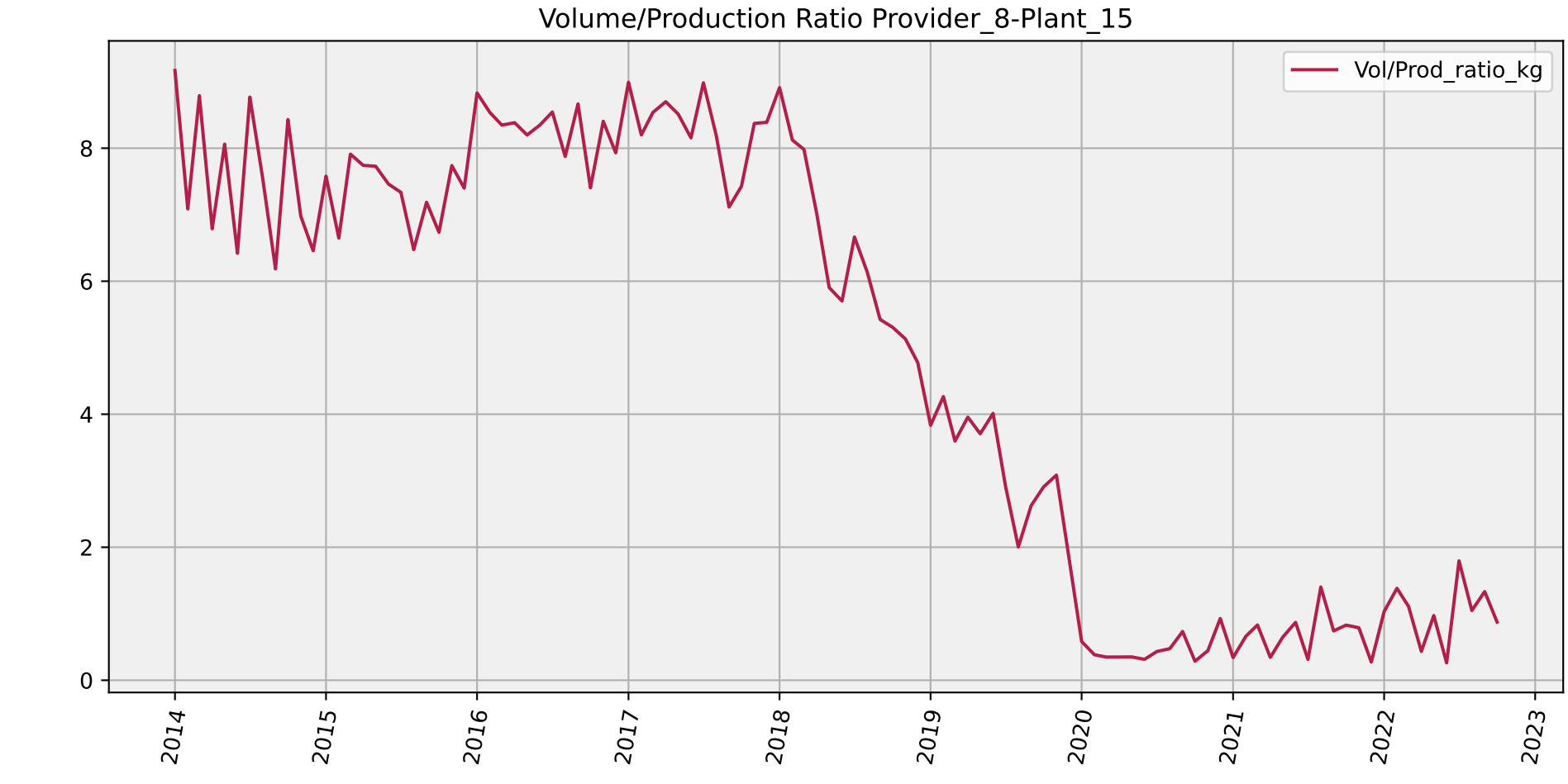


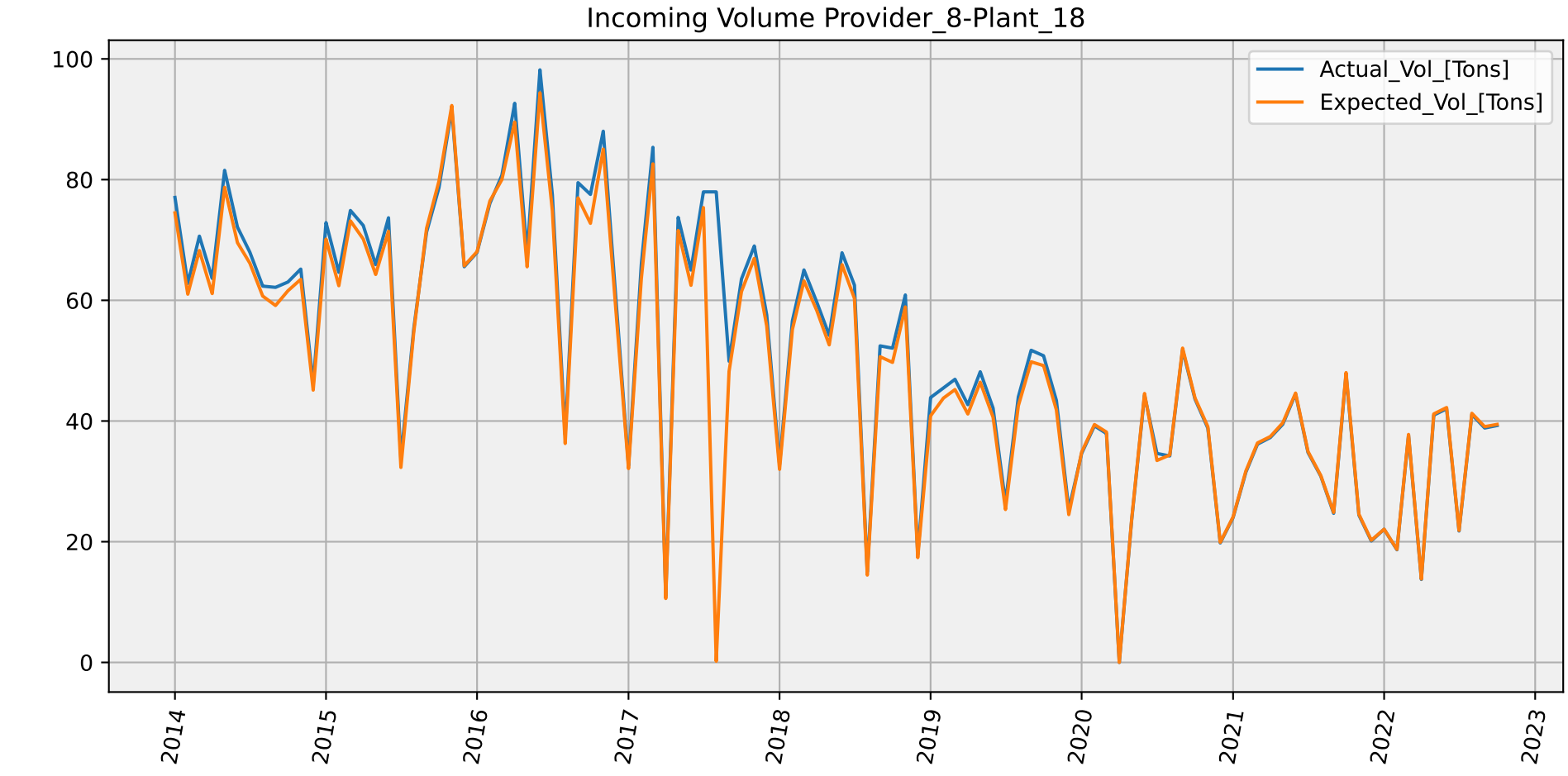
Volume/Production Ratio Provider_8-Plant_14

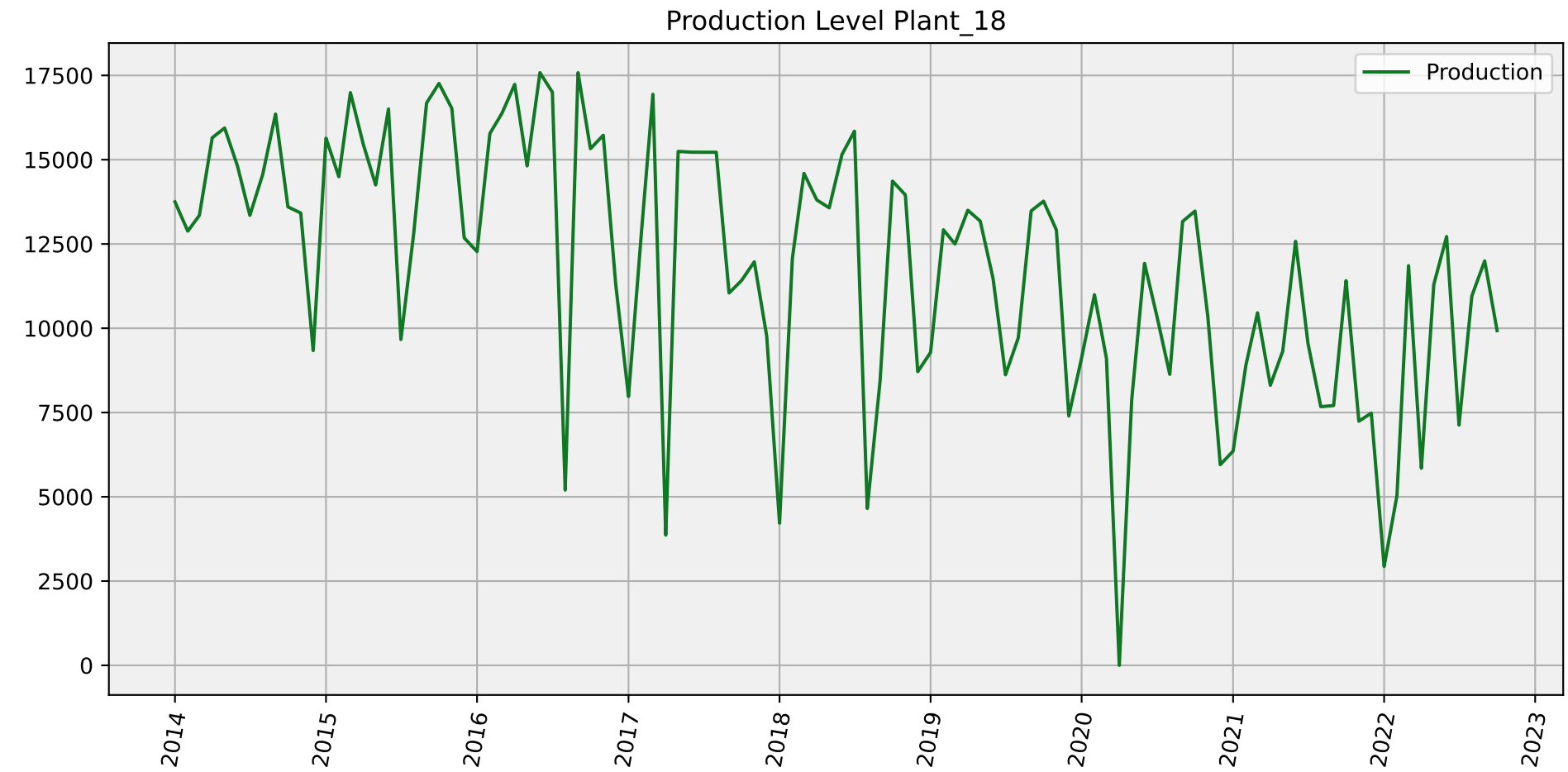


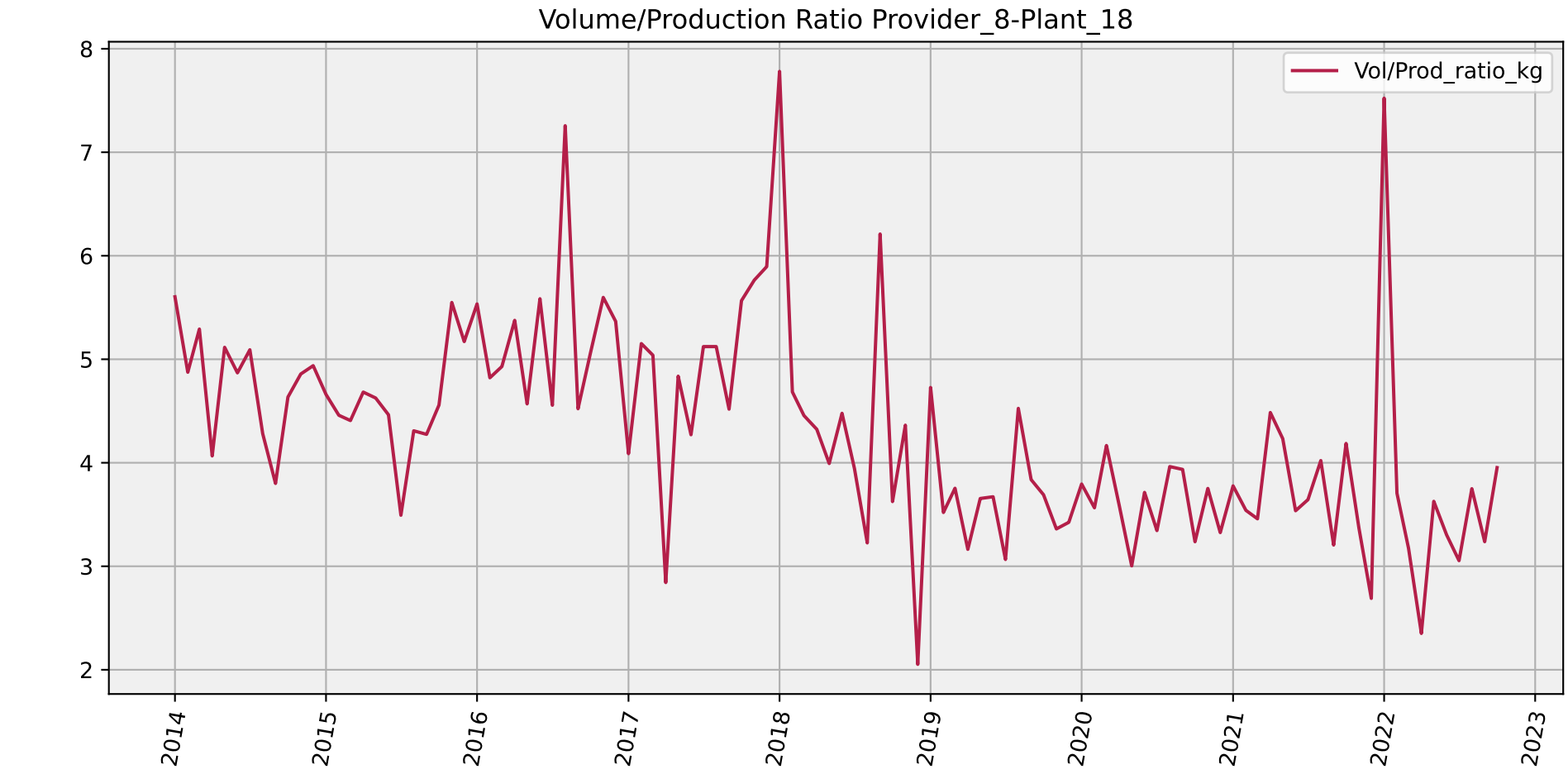

Incoming Volume Provider_8-Plant_15
Actual_Vol_[Tons]
Expected_Vol_[Tons]
250
200
150
100
50
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

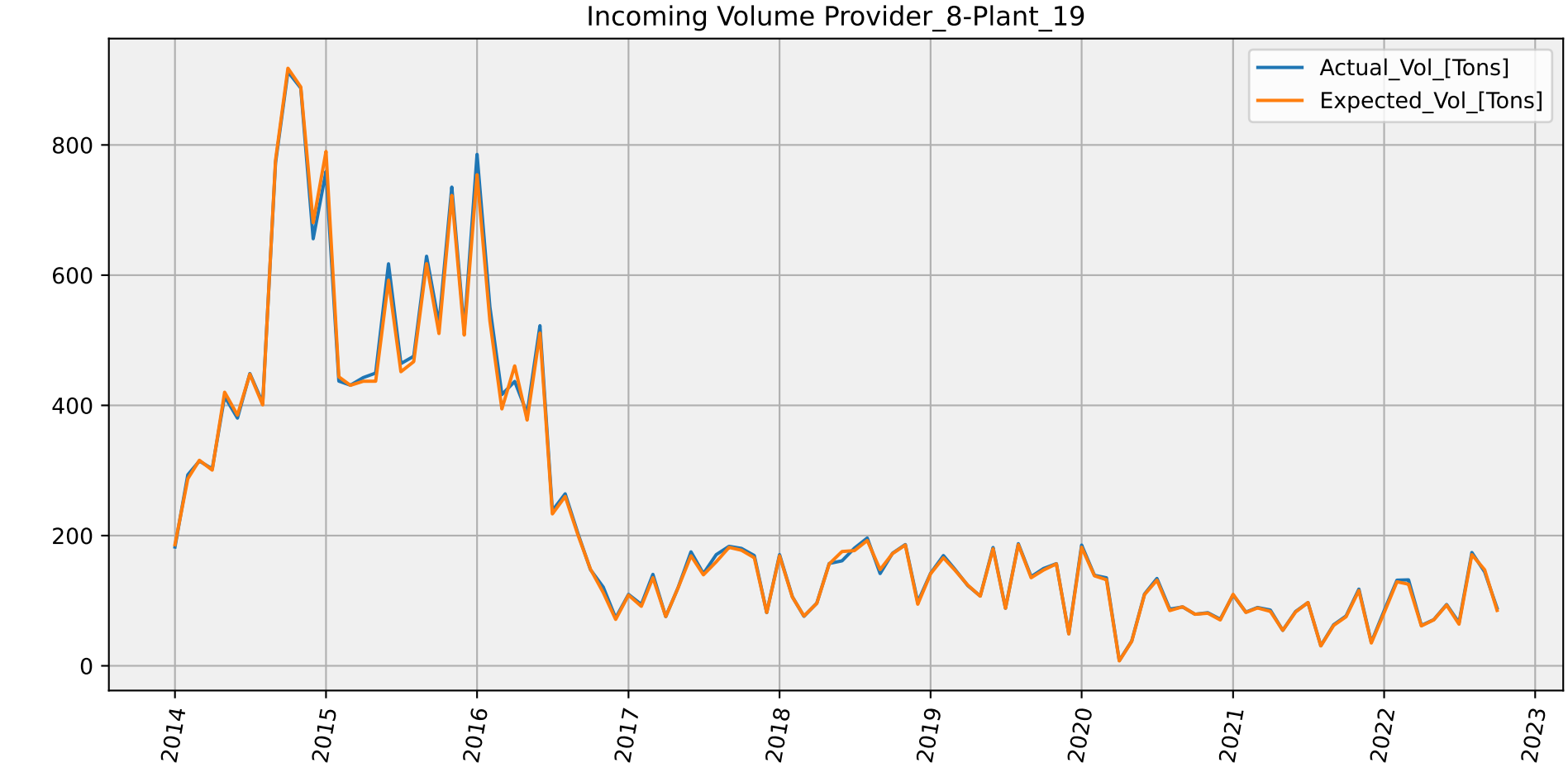

Production Level Plant_15
Production
35000
30000
25000
20000
15000
10000
5000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

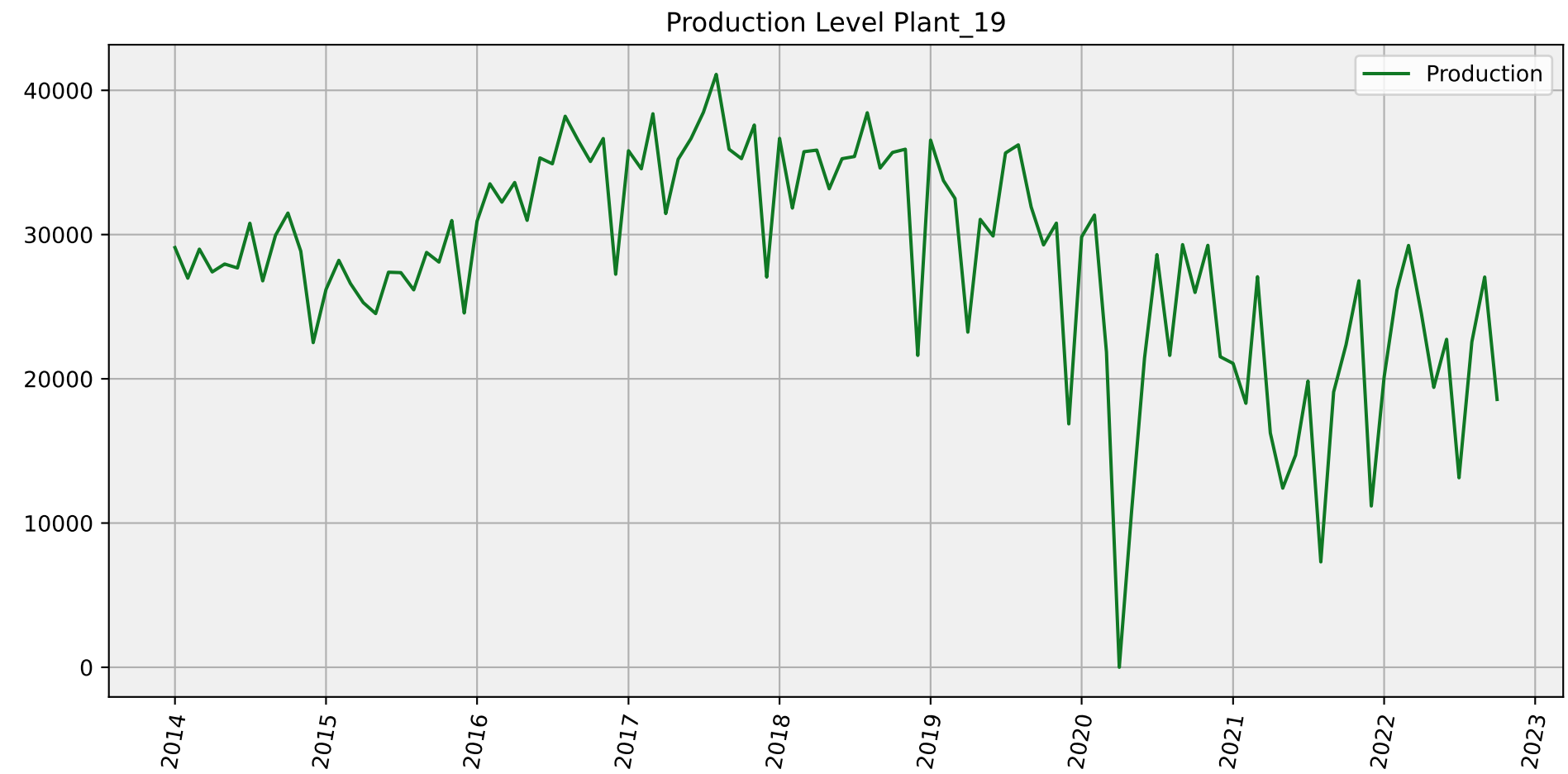

Volume/Production Ratio Provider_8-Plant_15
Vol/Prod_ratio_kg
8
6
4
2
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

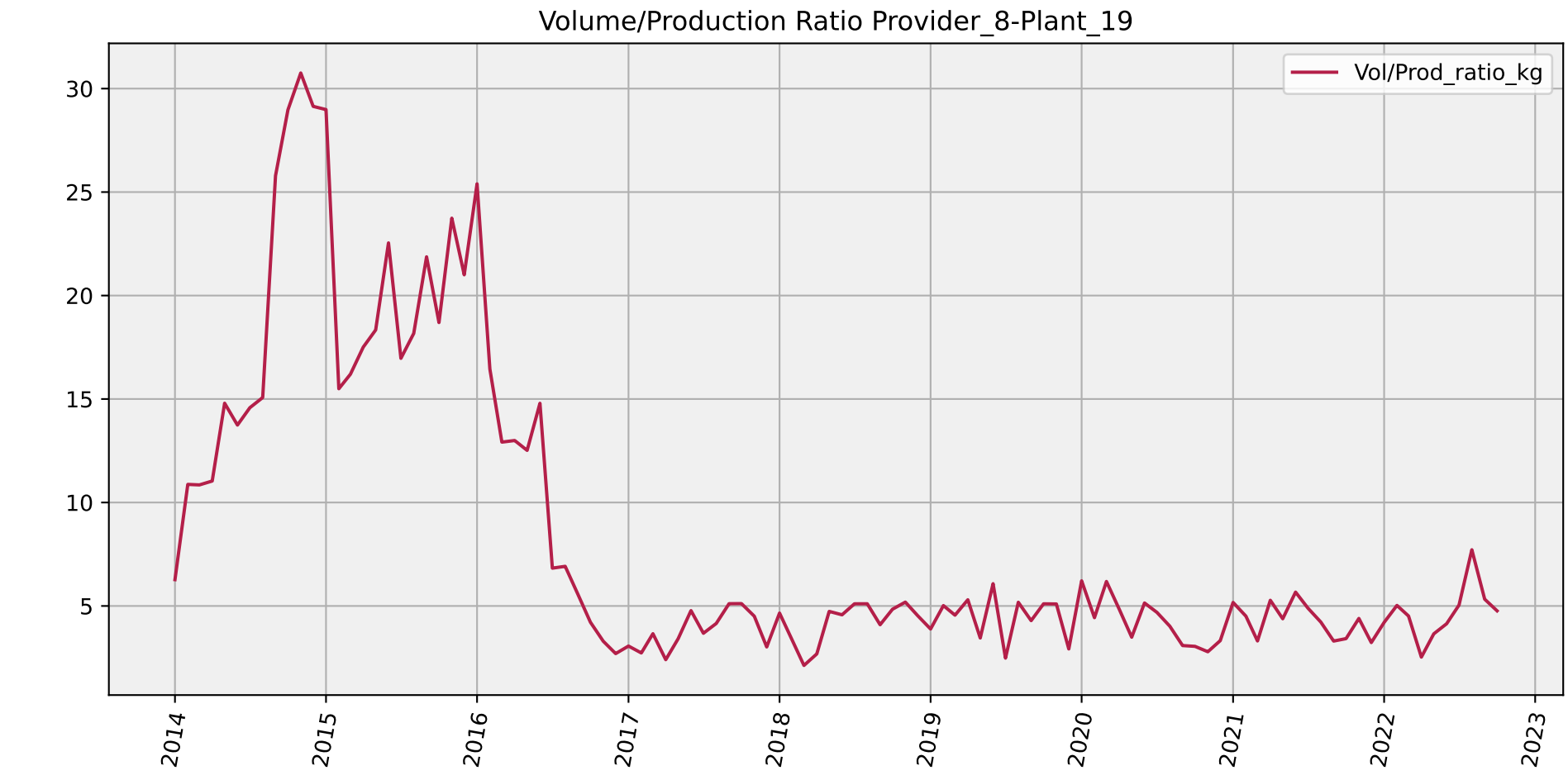

Incoming Volume Provider_8-Plant_18
Actual_Vol_[Tons]
Expected_Vol_[Tons]
100
80
60
40
20
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

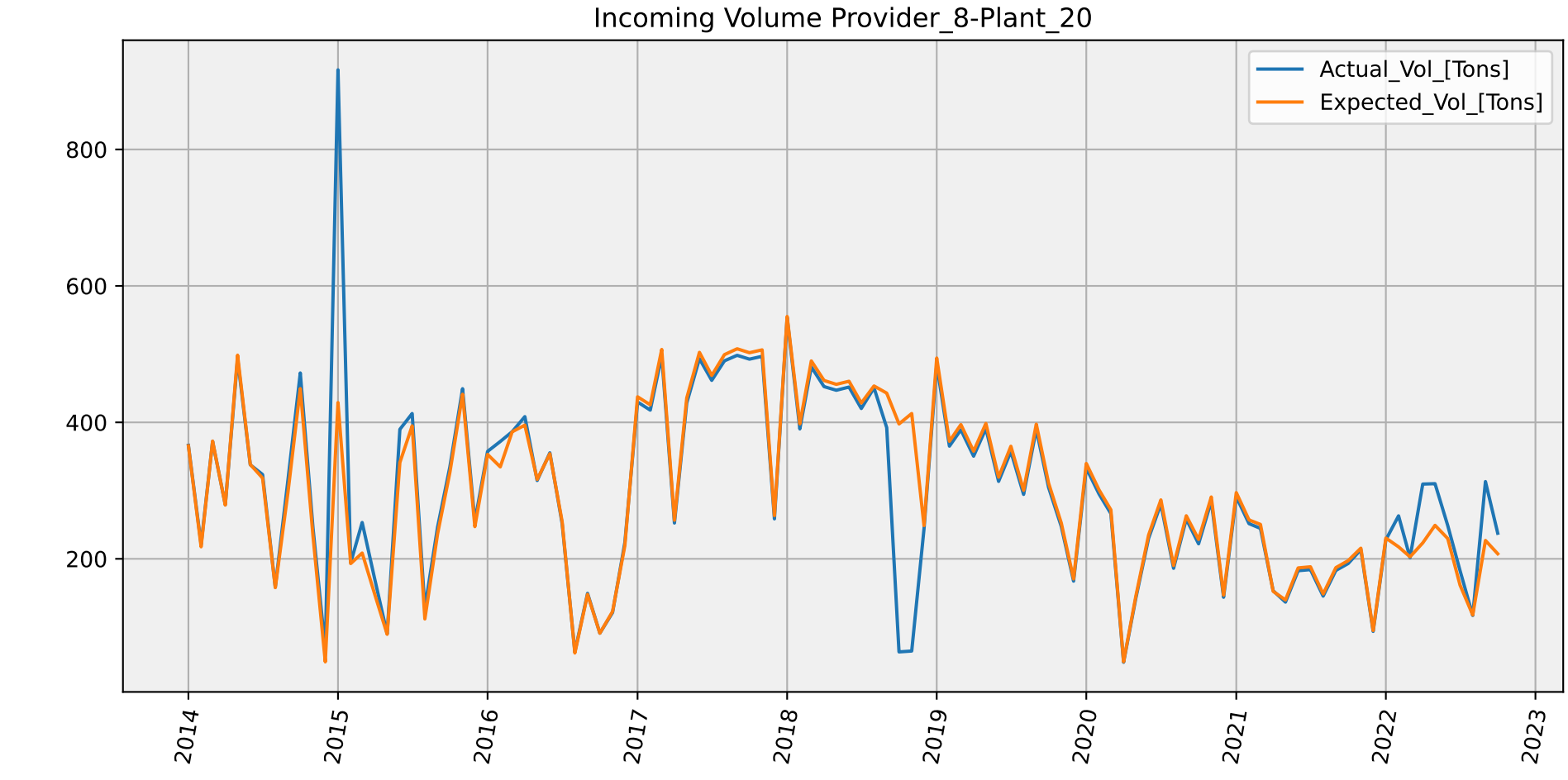

Production Level Plant_18
Production
17500
15000
12500
10000
7500
5000
2500
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

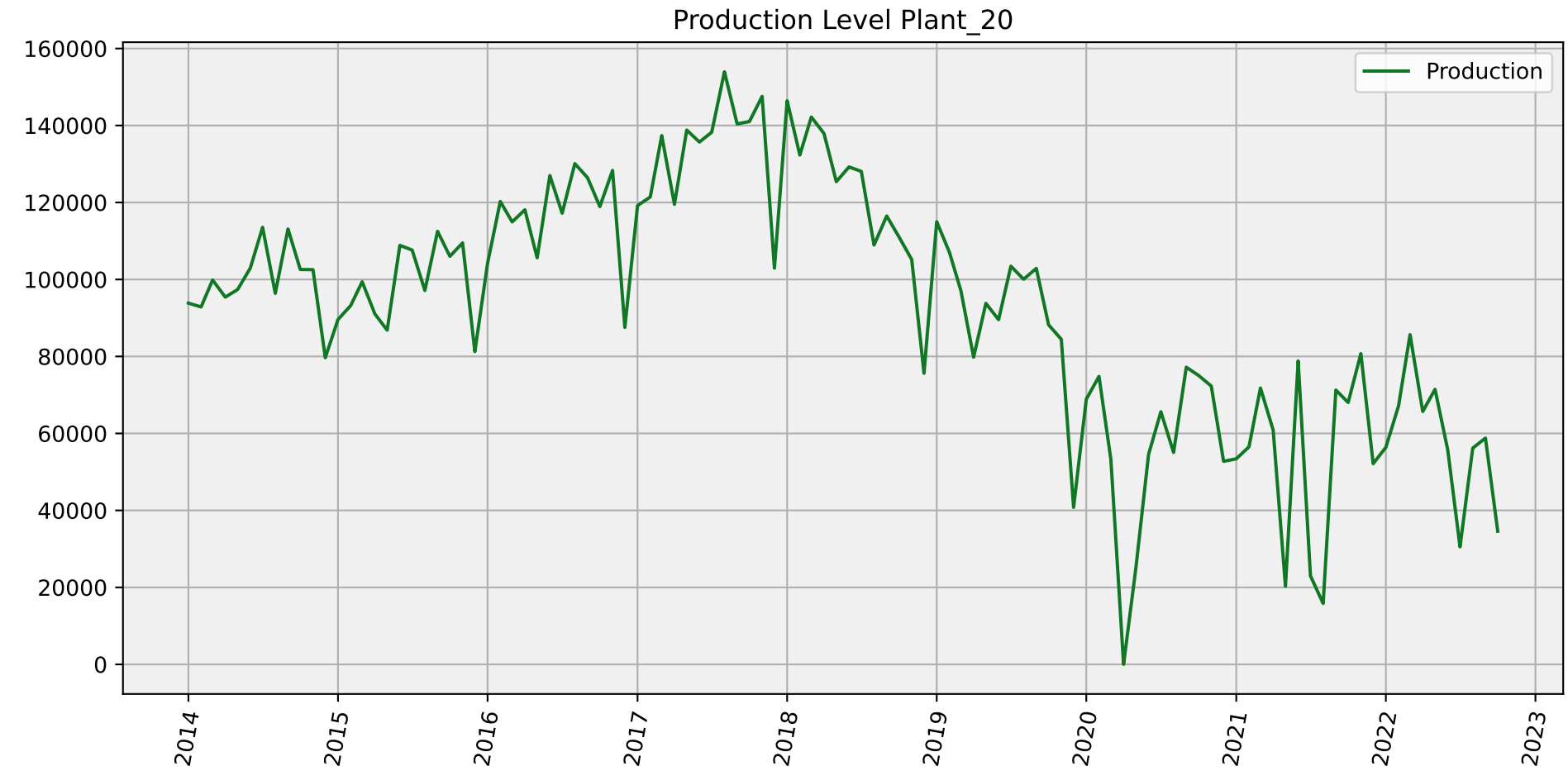

Volume/Production Ratio Provider_8-Plant_18
Vol/Prod_ratio_kg
8
7
6
5
4
3
2
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

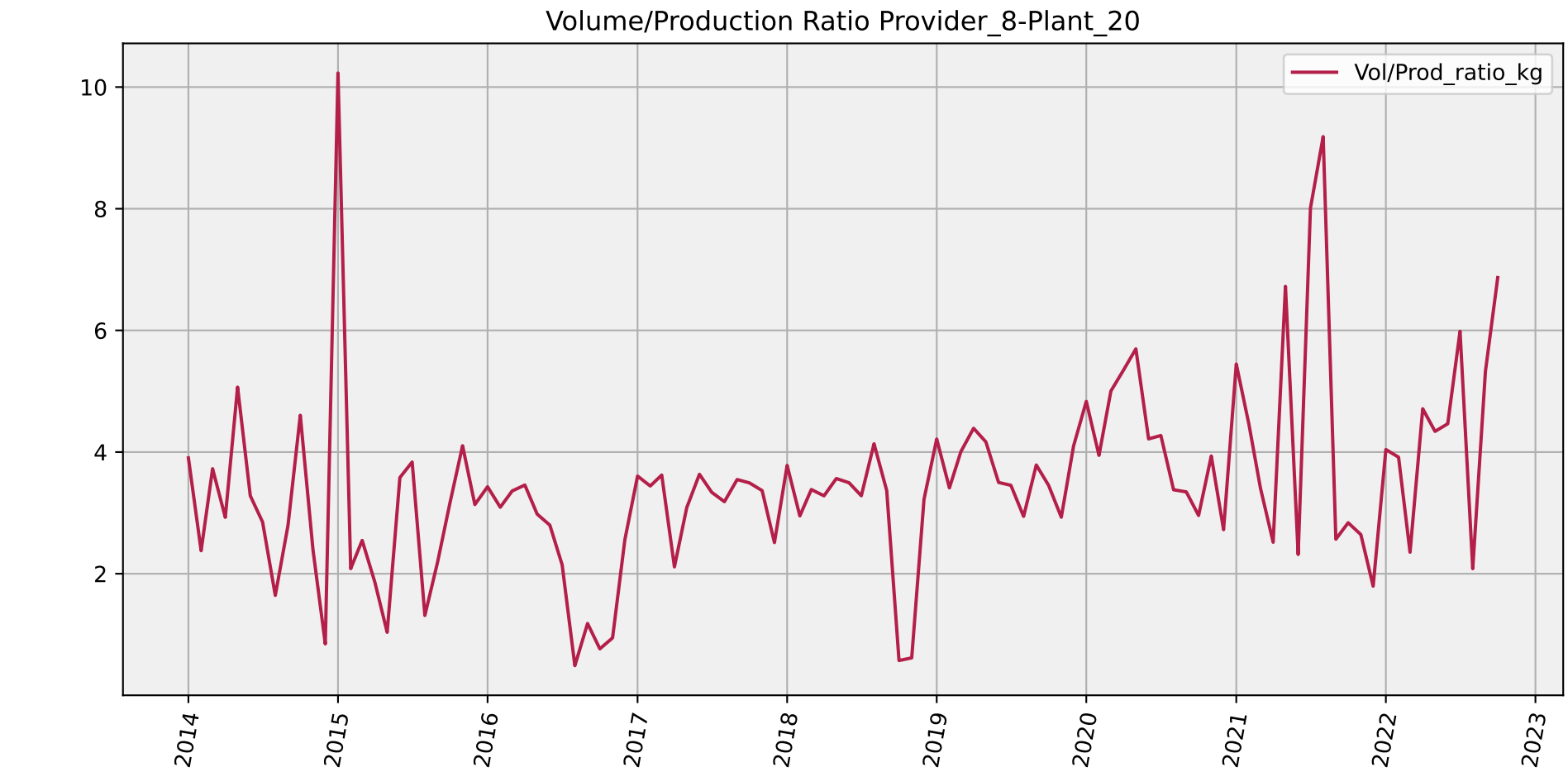

Incoming Volume Provider_8-Plant_19
Actual_Vol_[Tons]
Expected_Vol_[Tons]
800
600
400
200
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Production Level Plant_19
Production
40000
30000
20000
10000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

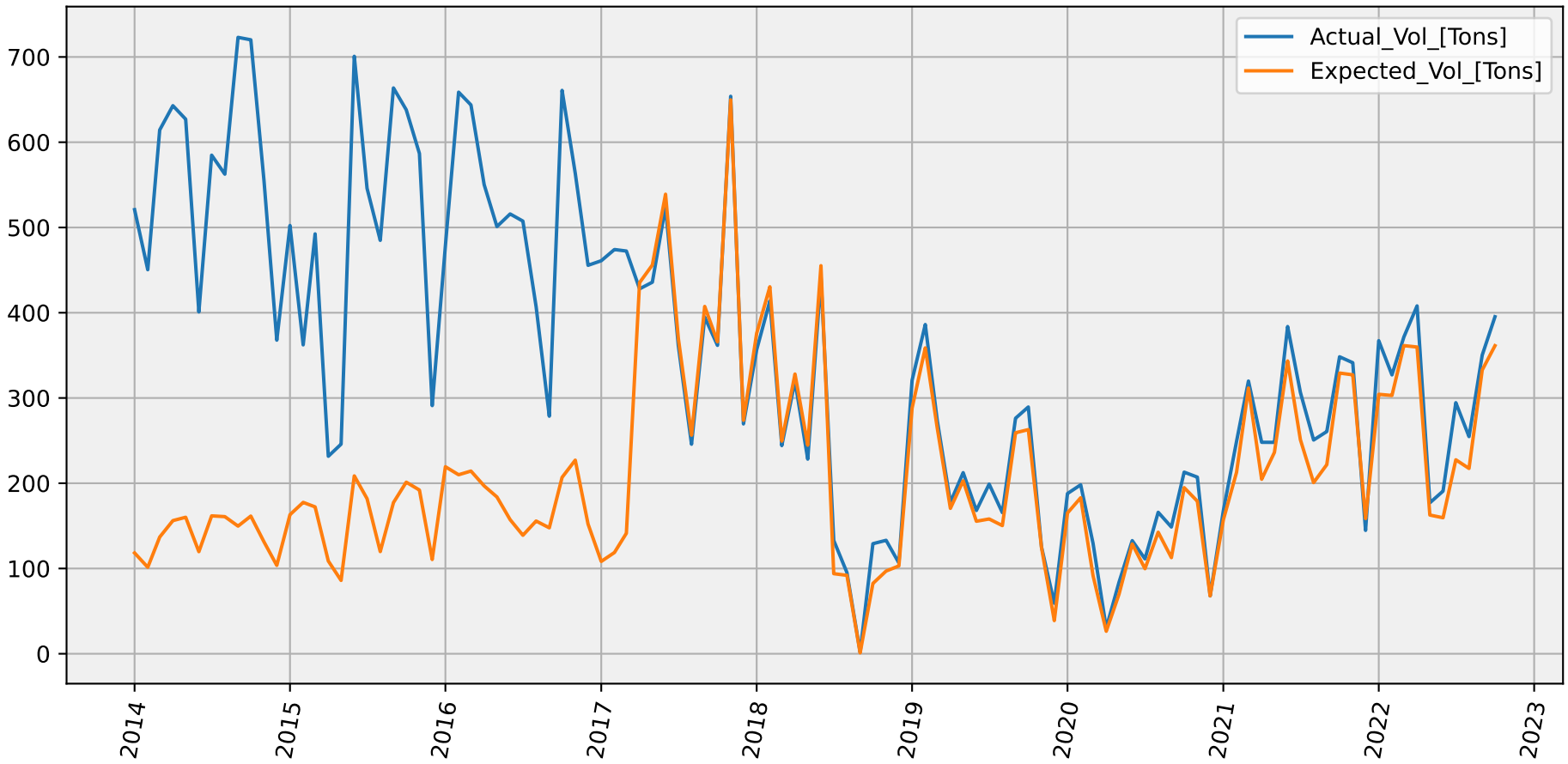

Volume/Production Ratio Provider_8-Plant_19
Vol/Prod_ratio_kg
30
25
20
15
10
5
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Incoming Volume Provider_8-Plant_20
Actual_Vol_[Tons]
Expected_Vol_[Tons]
800
600
400
200
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

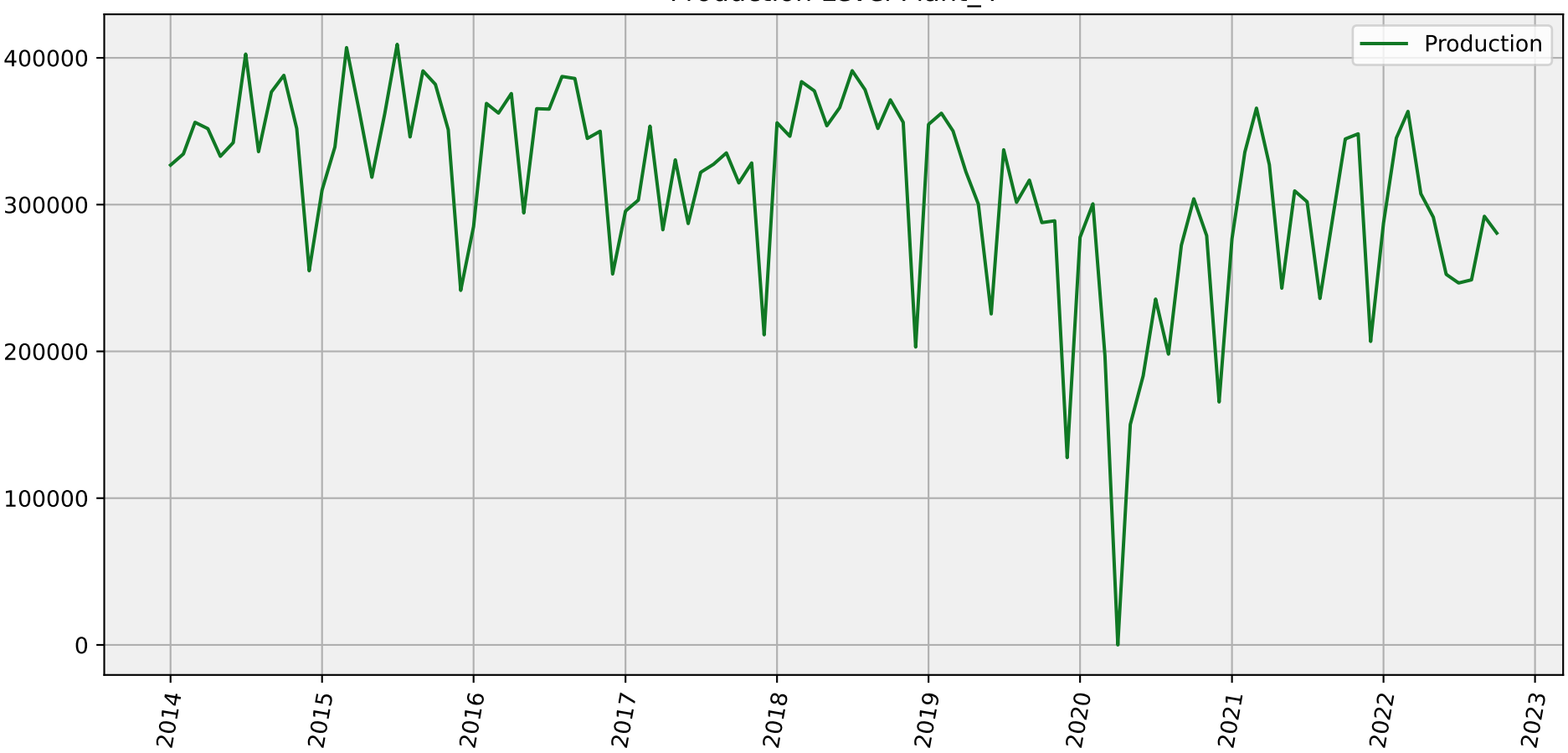

Production Level Plant_20
Production
160000
140000
120000
100000
80000
60000
40000
20000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_8-Plant_20
Vol/Prod_ratio_kg
10
8
6
4
2
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

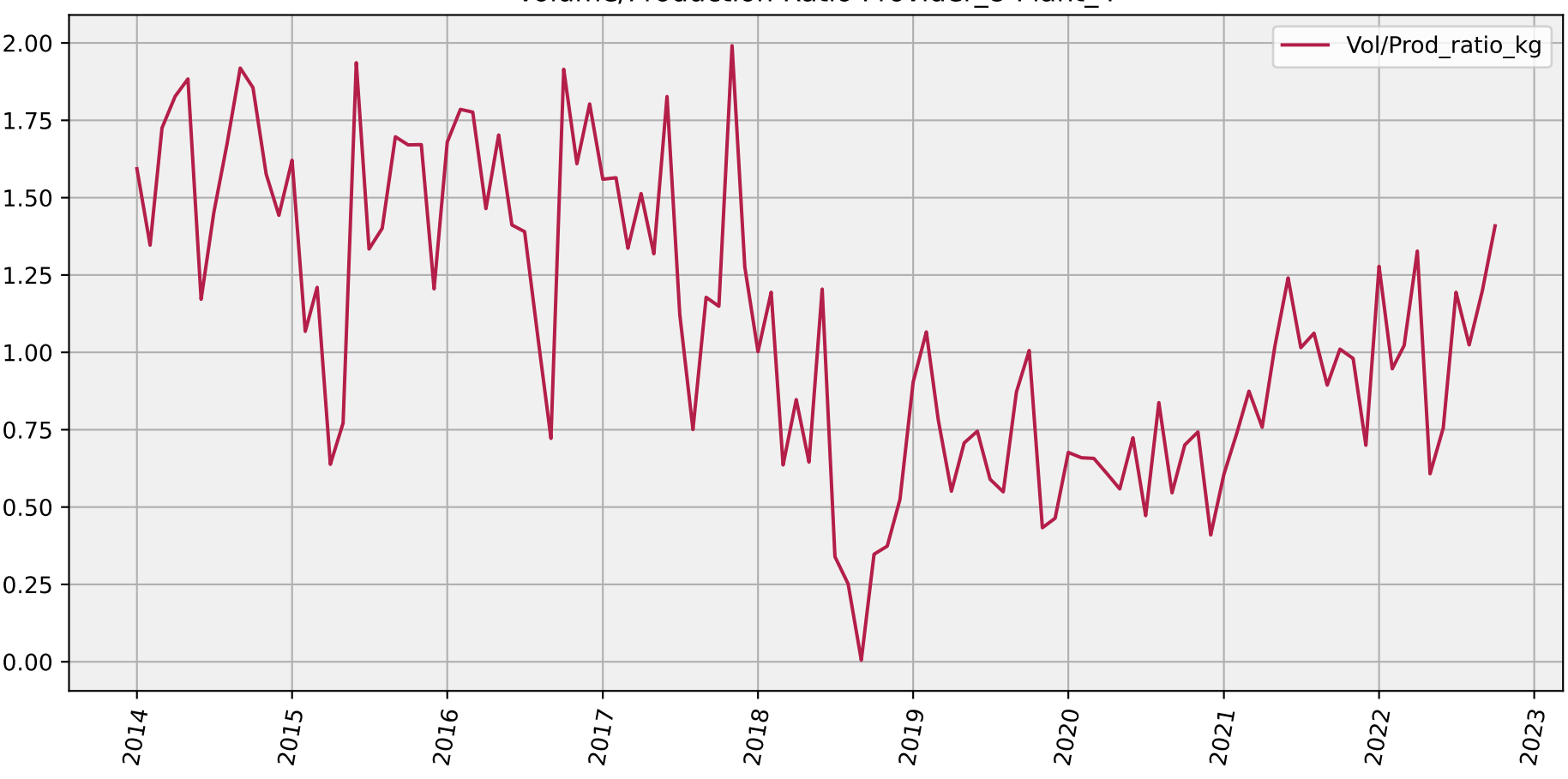
Incoming Volume Provider_8-Plant_4



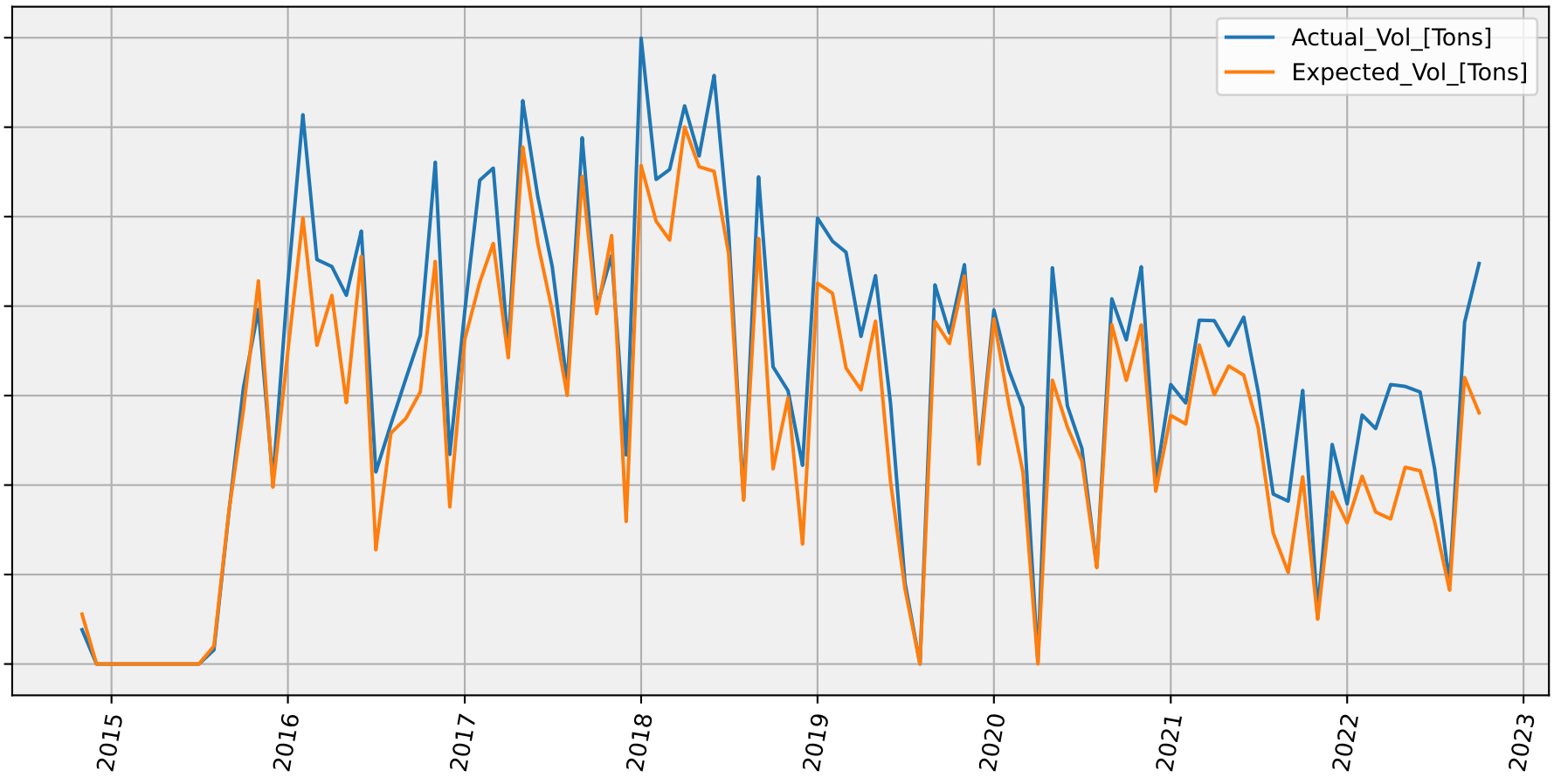
Production Level Plant_4



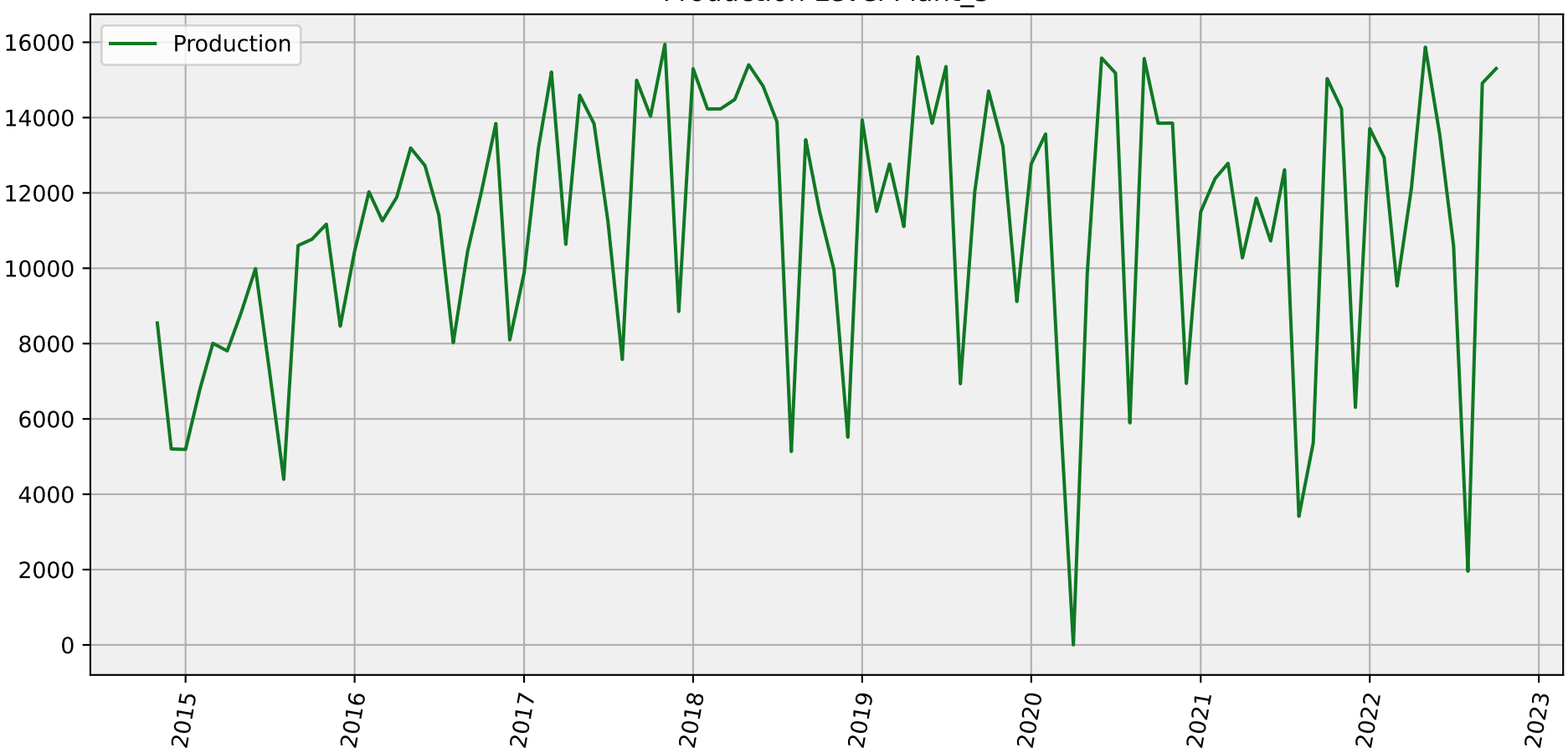
Volume/Production Ratio Provider_8-Plant_4



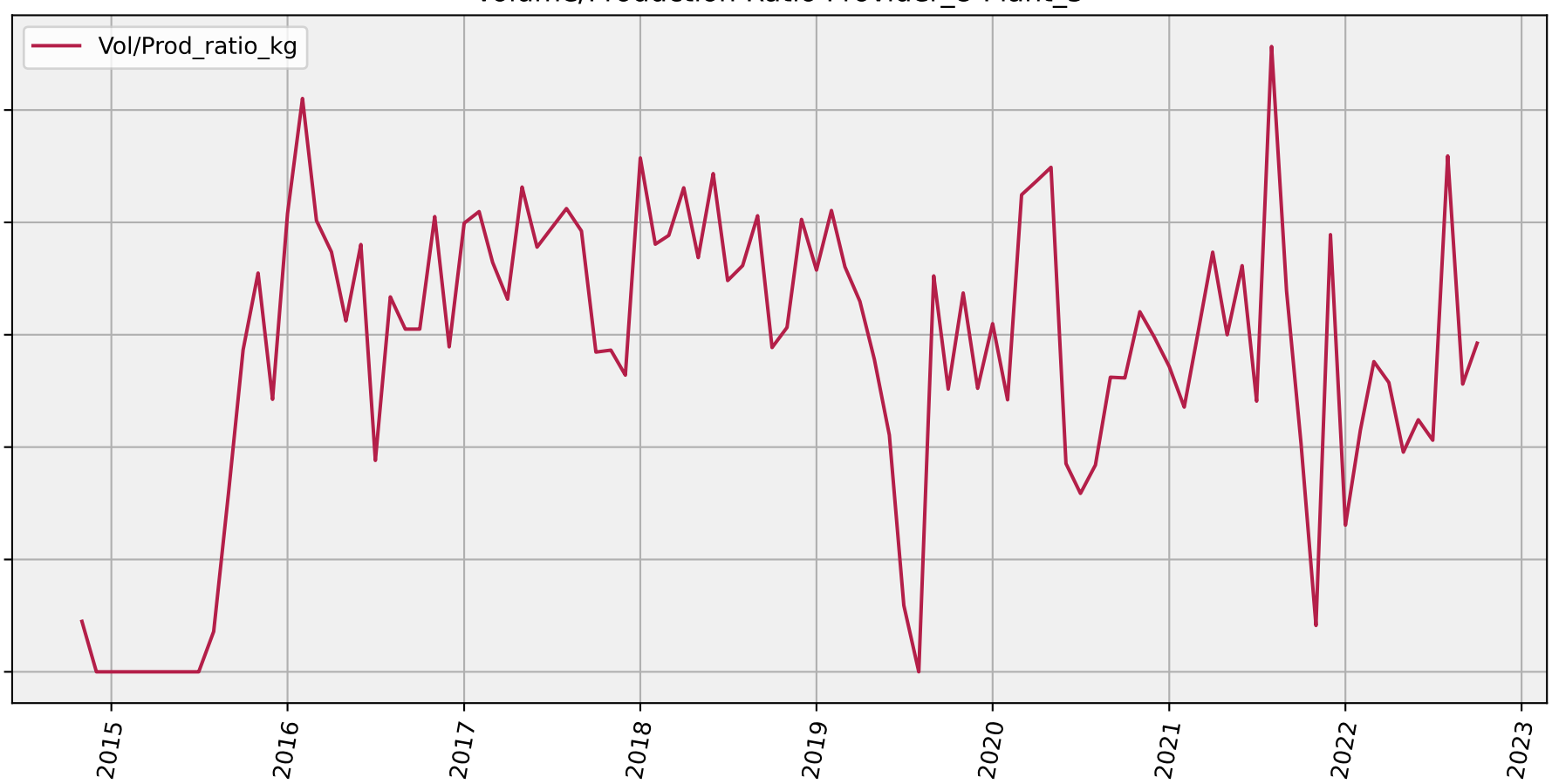
Incoming Volume Provider_8-Plant_5

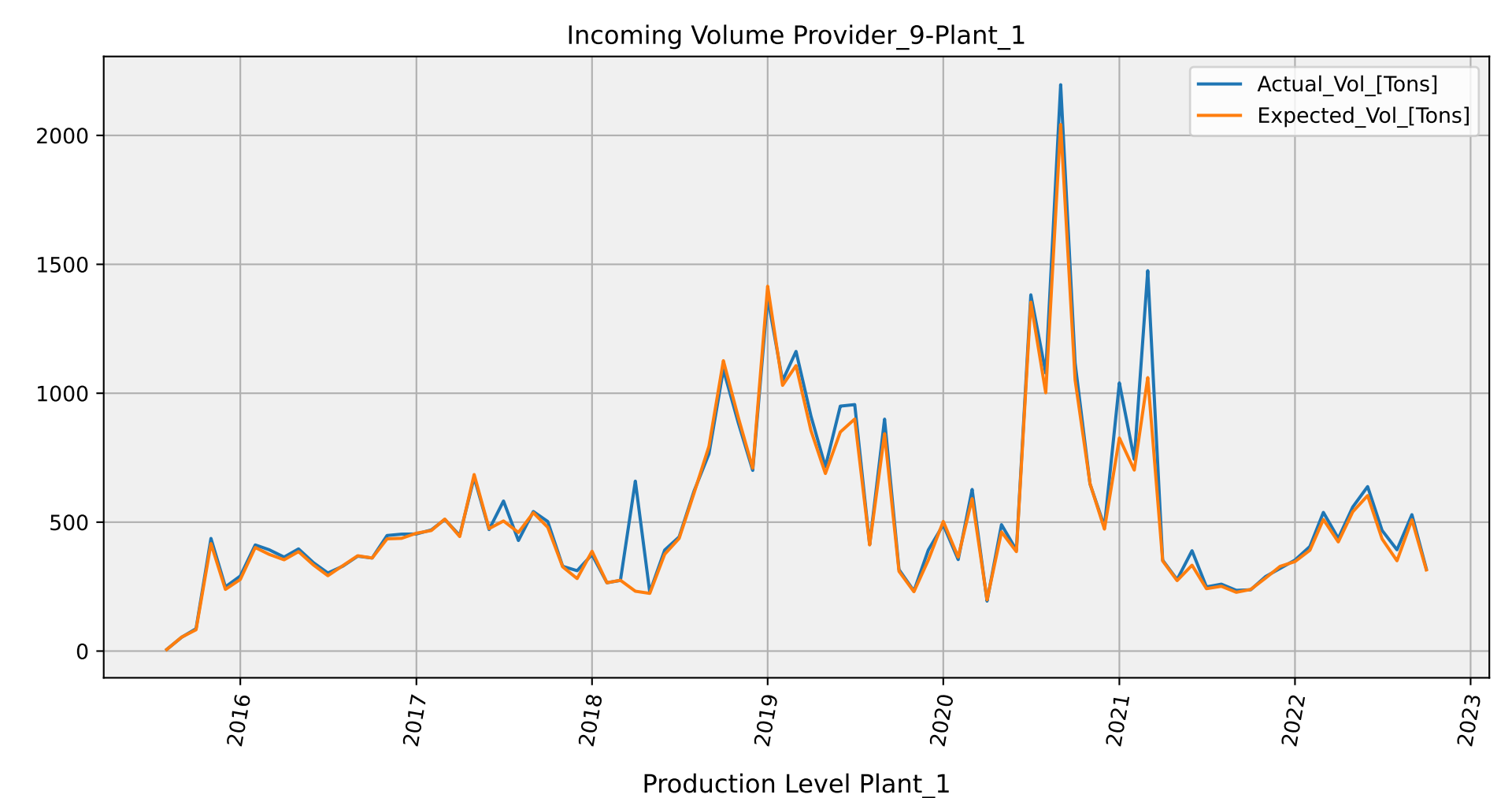


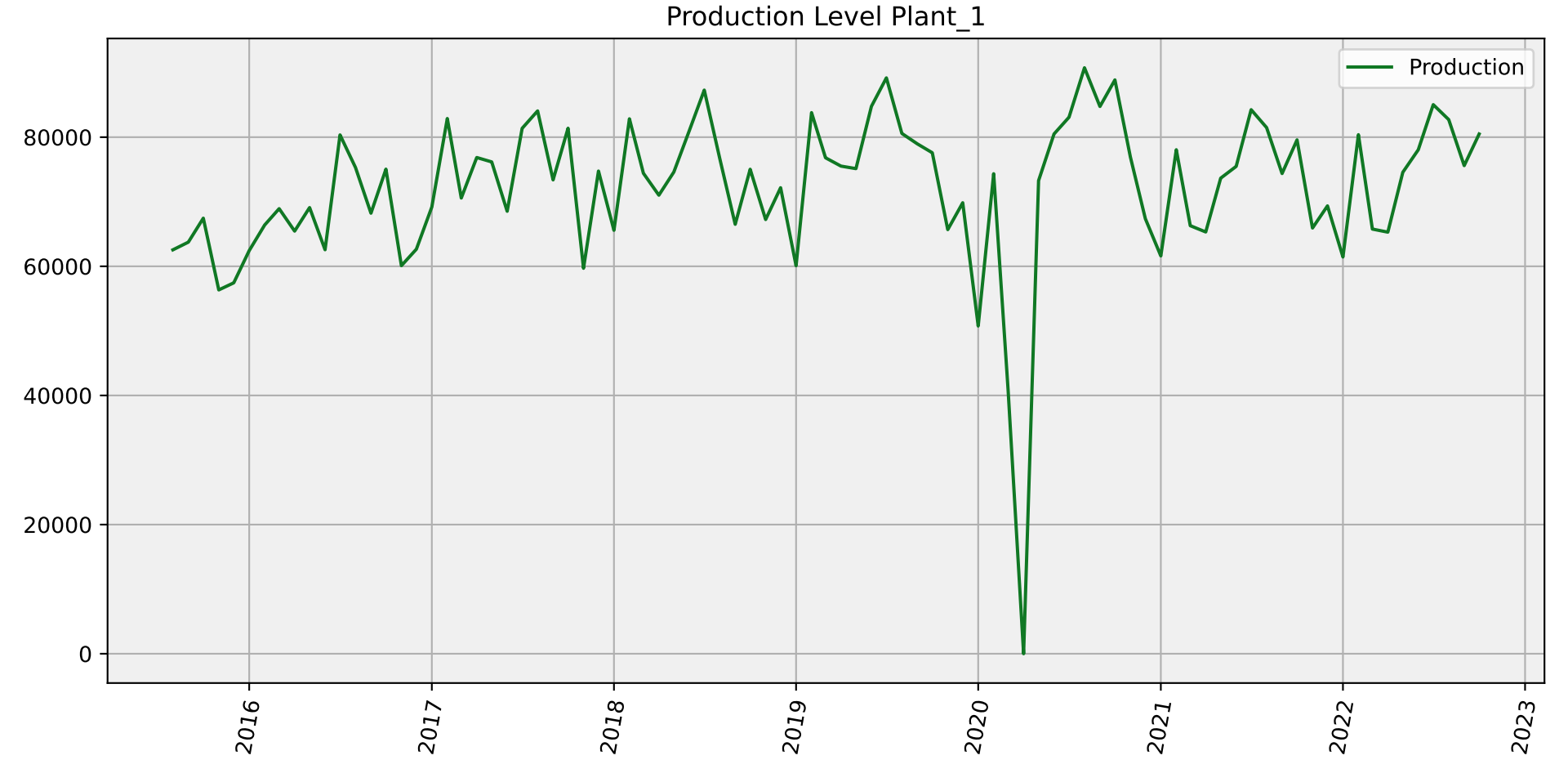
Production Level Plant_5

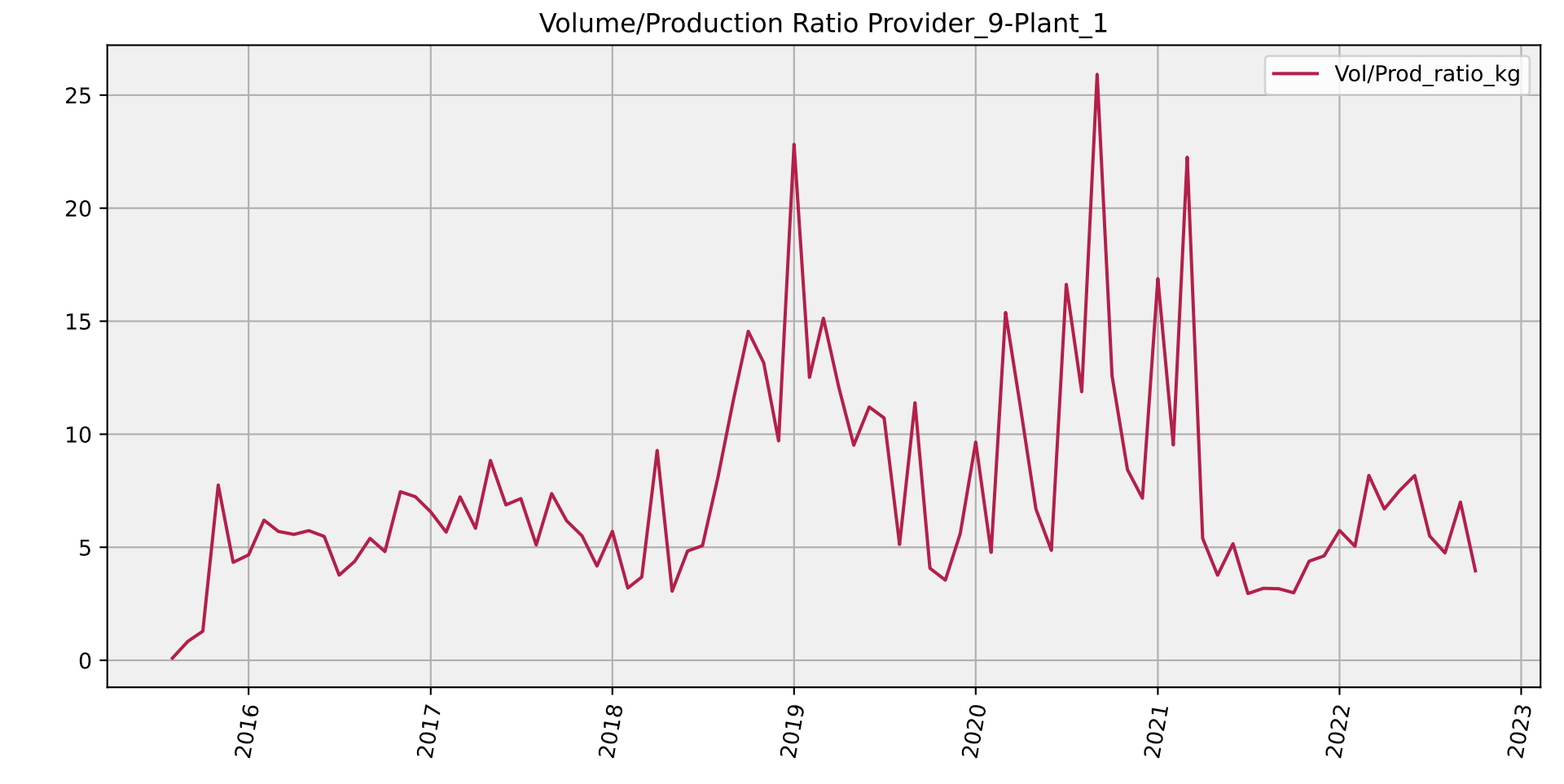


Volume/Production Ratio Provider_8-Plant_5

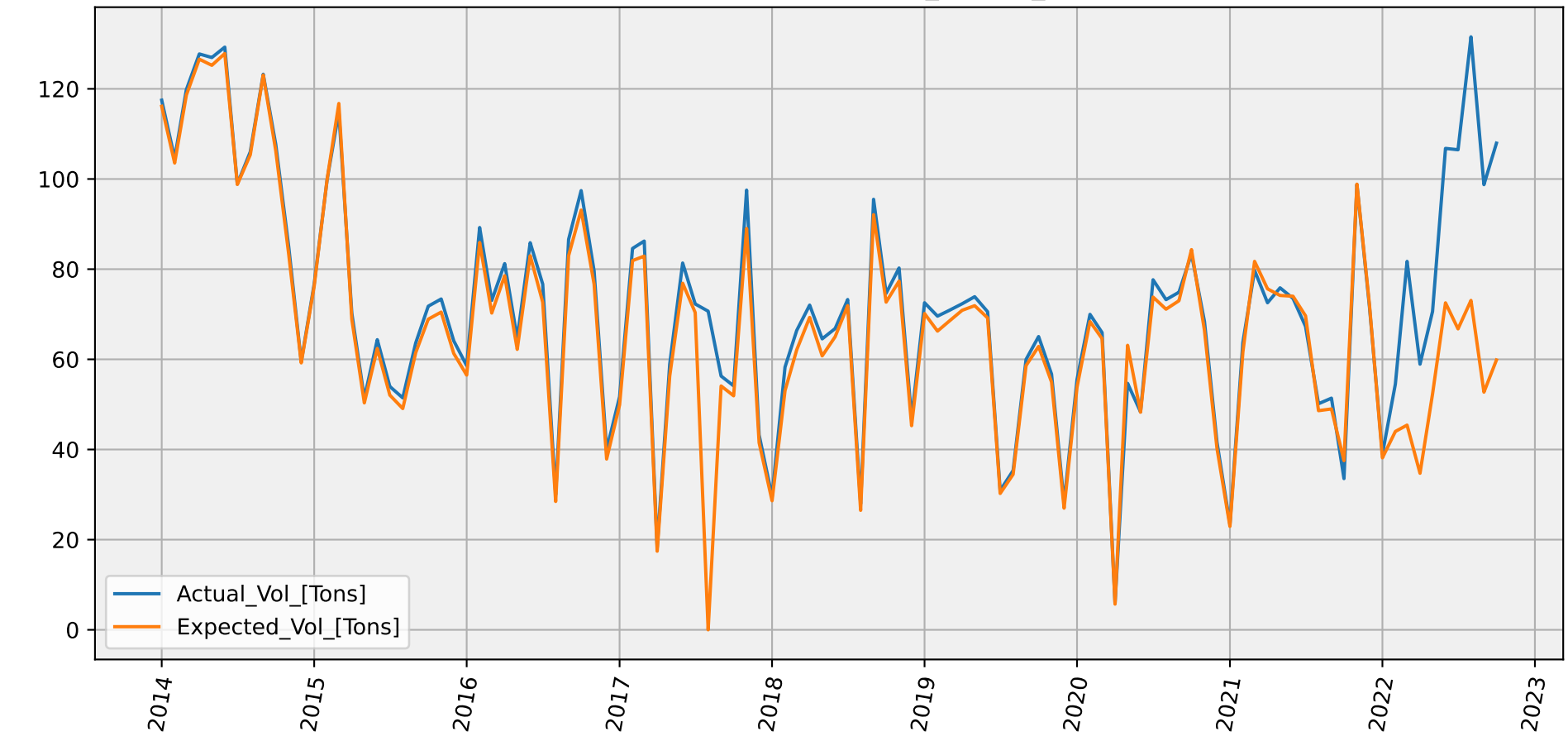



Incoming Volume Provider_9-Plant_1
Actual_Vol_[Tons]
Expected_Vol_[Tons]
2000
1500
1000
500
0
2016
2017
2018
2019
2020
2021
2022
2023

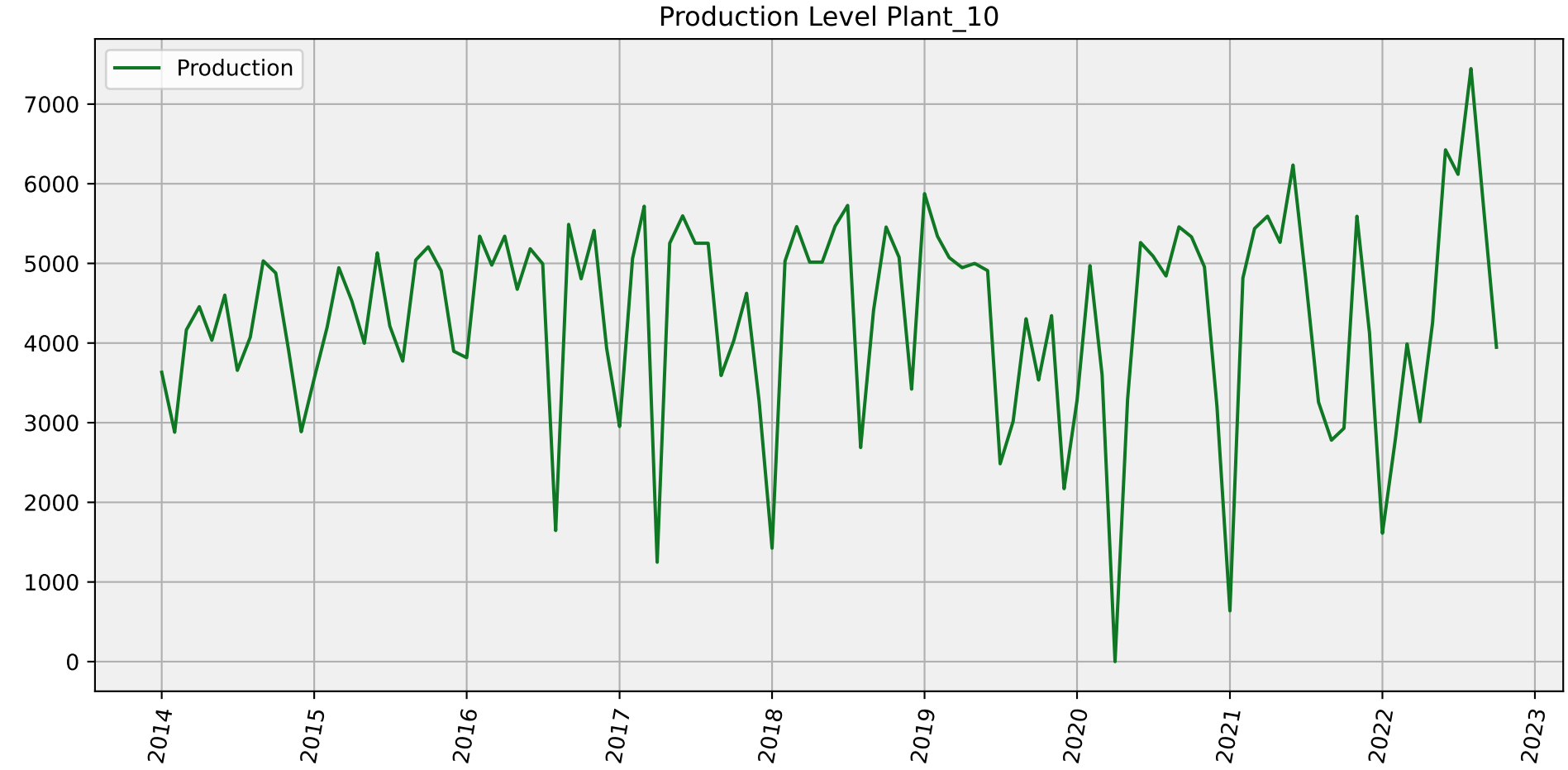

Production Level Plant_1
Production
80000
60000
40000
20000
0
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_9-Plant_1
Vol/Prod_ratio_kg
25
20
15
10
5
0
2016
2017
2018
2019
2020
2021
2022
2023

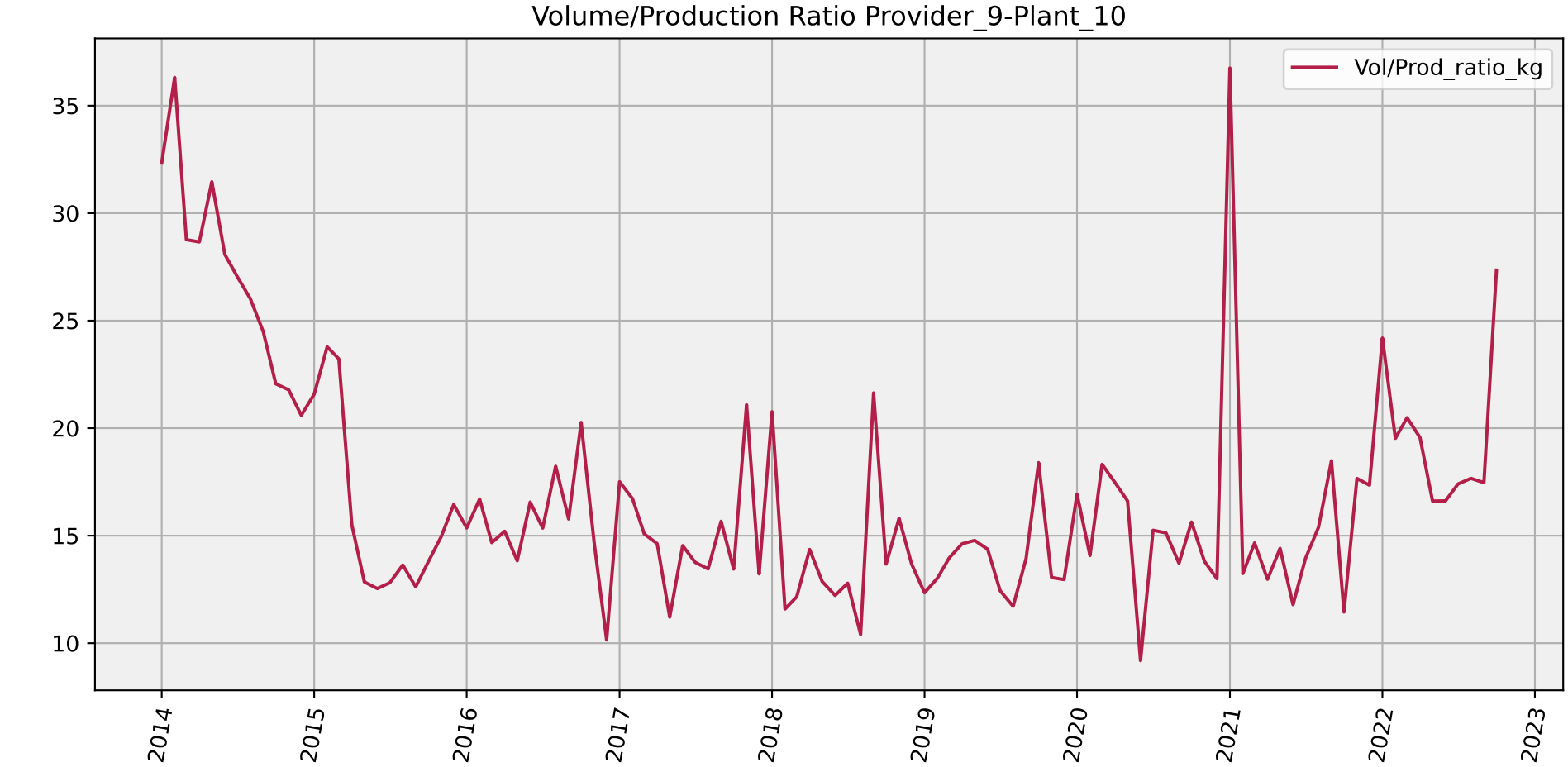
Incoming Volume Provider_9-Plant_10



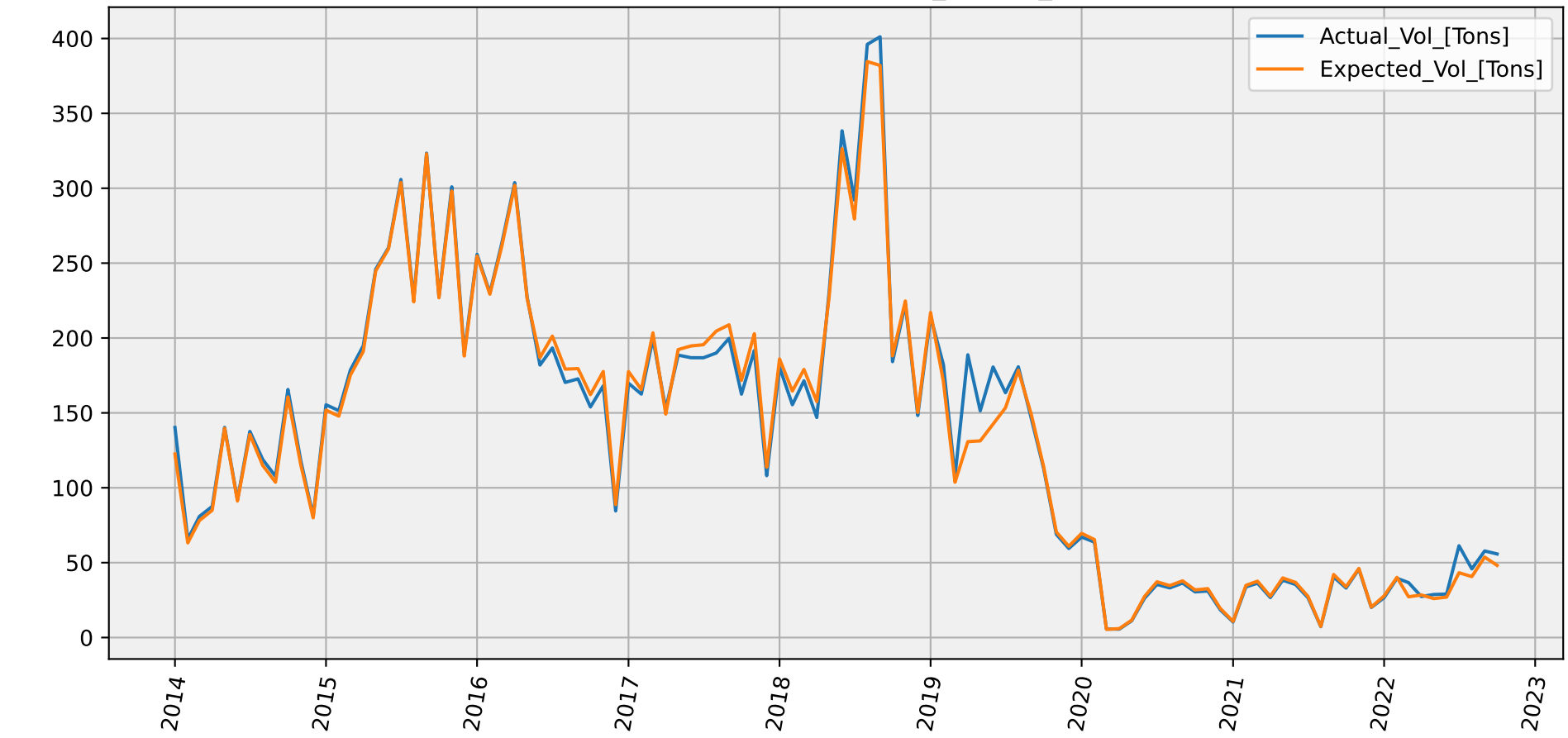
Production Level Plant_10



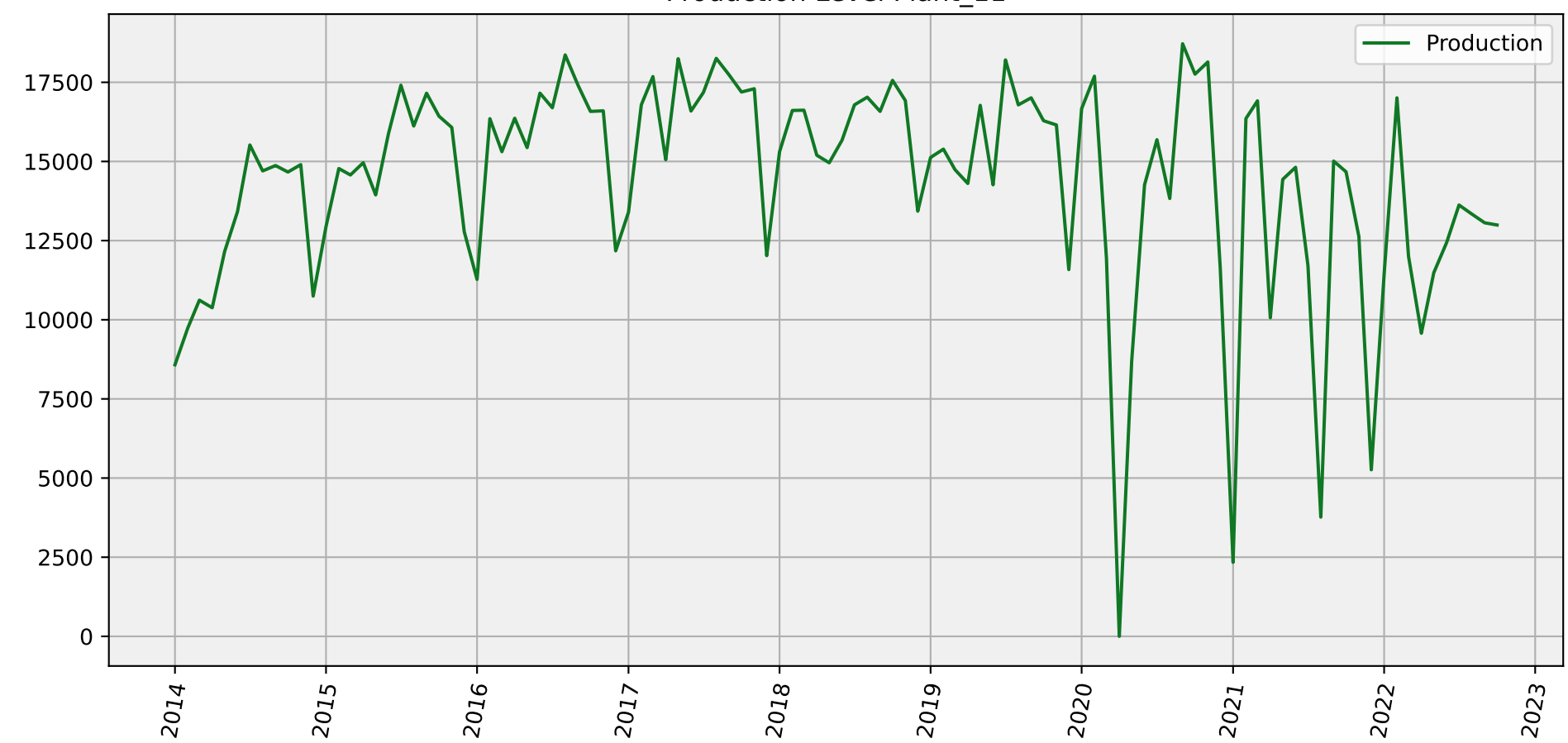
Volume/Production Ratio Provider_9-Plant_10



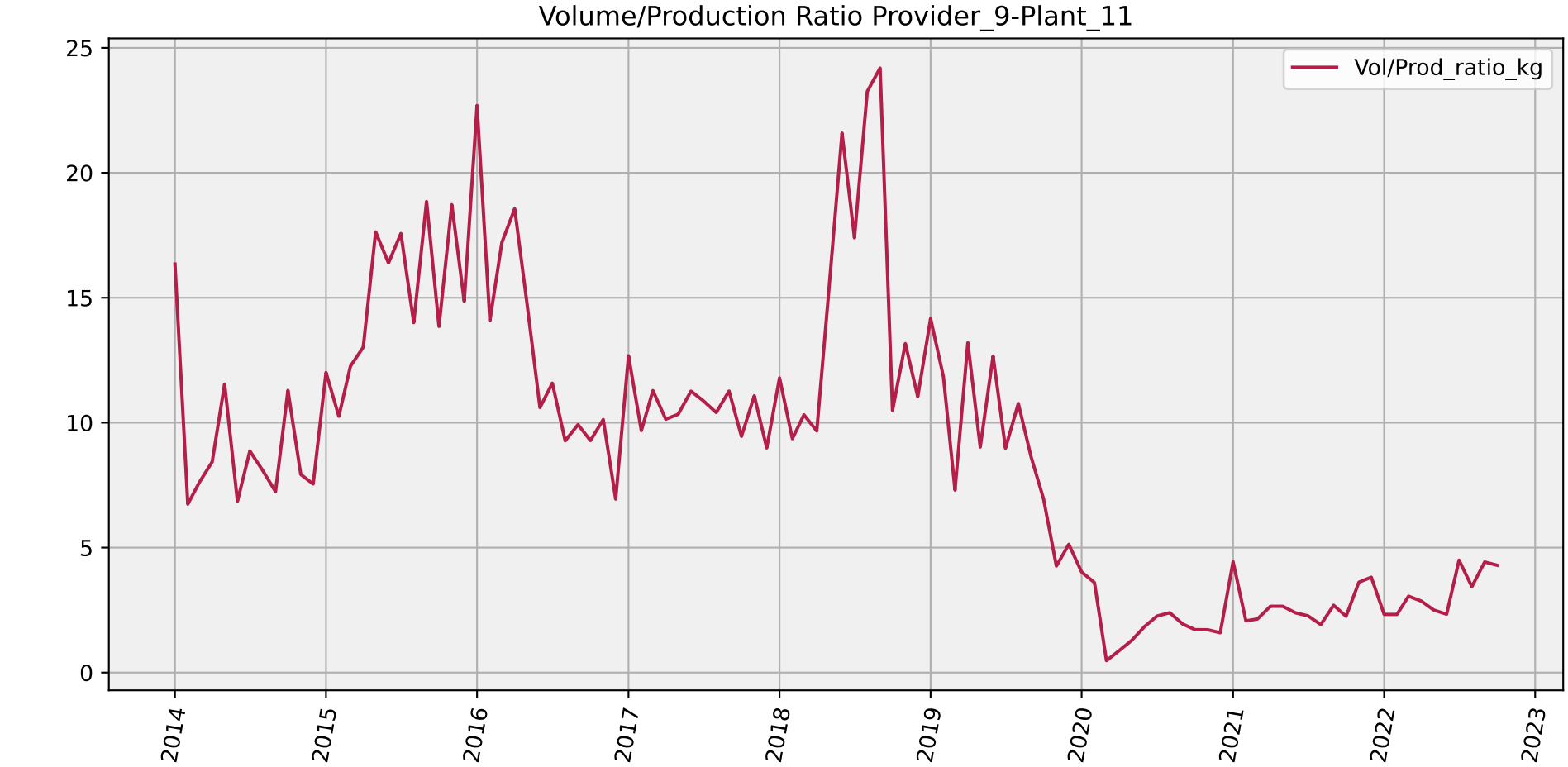
Incoming Volume Provider_9-Plant_11



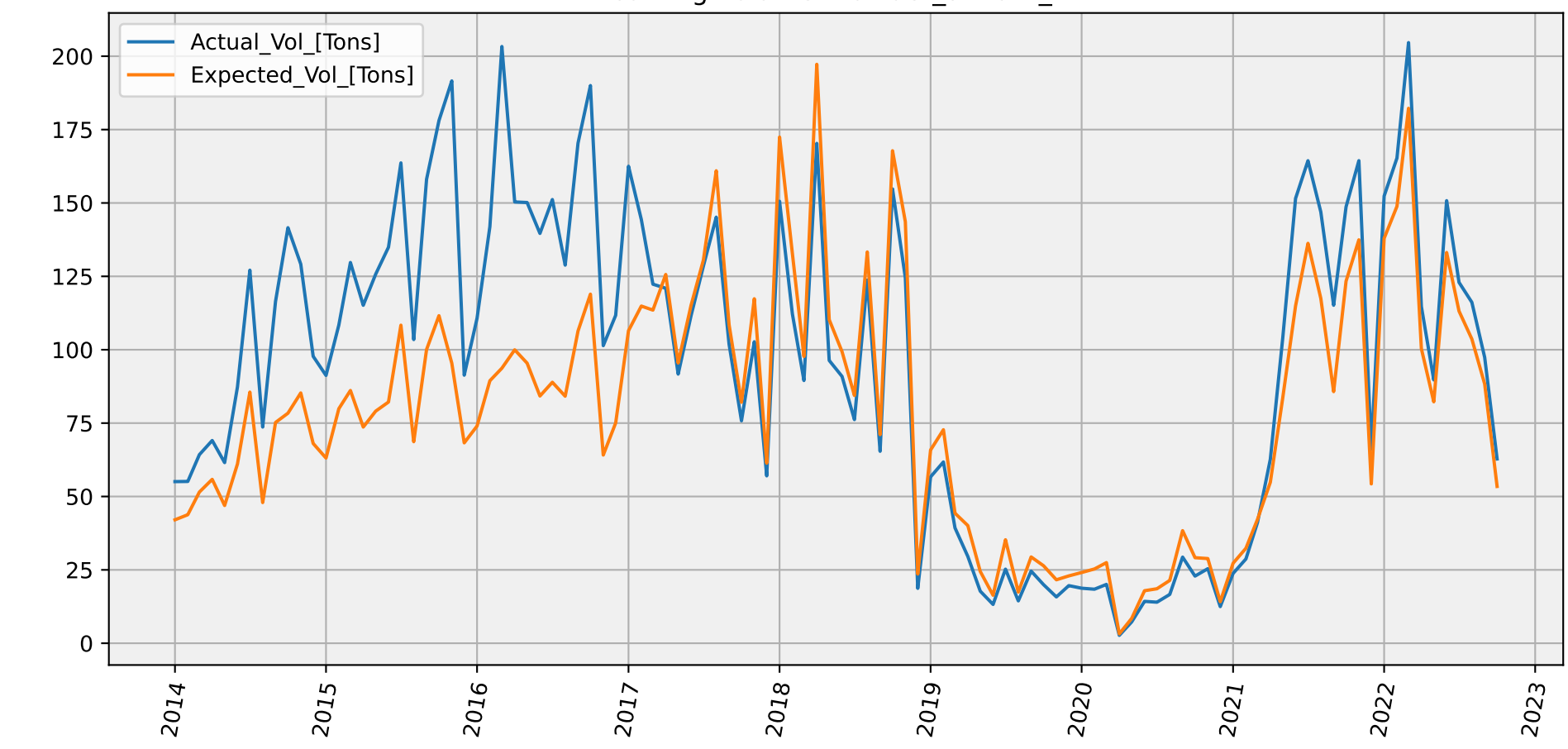
Production Level Plant_11



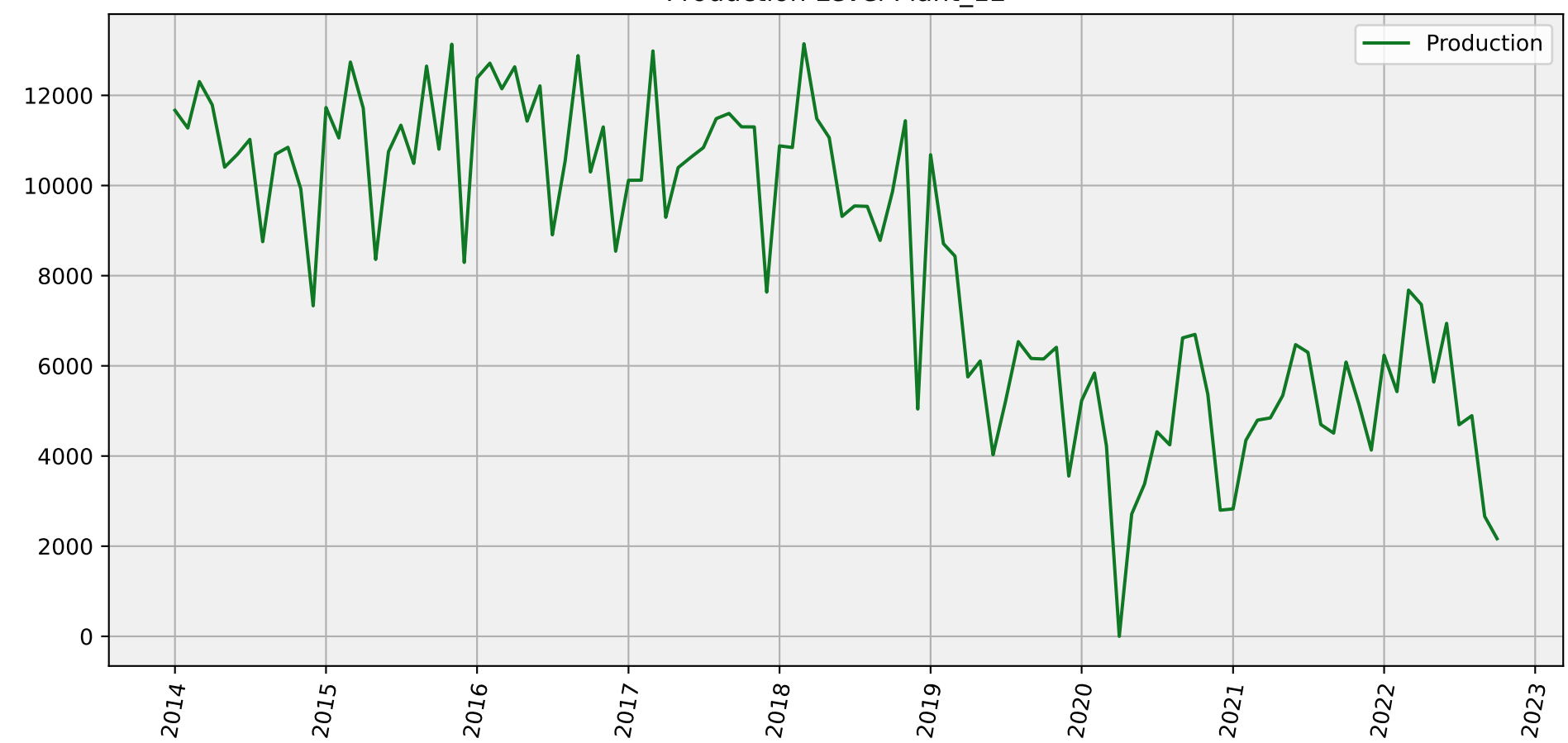
Volume/Production Ratio Provider_9-Plant_11



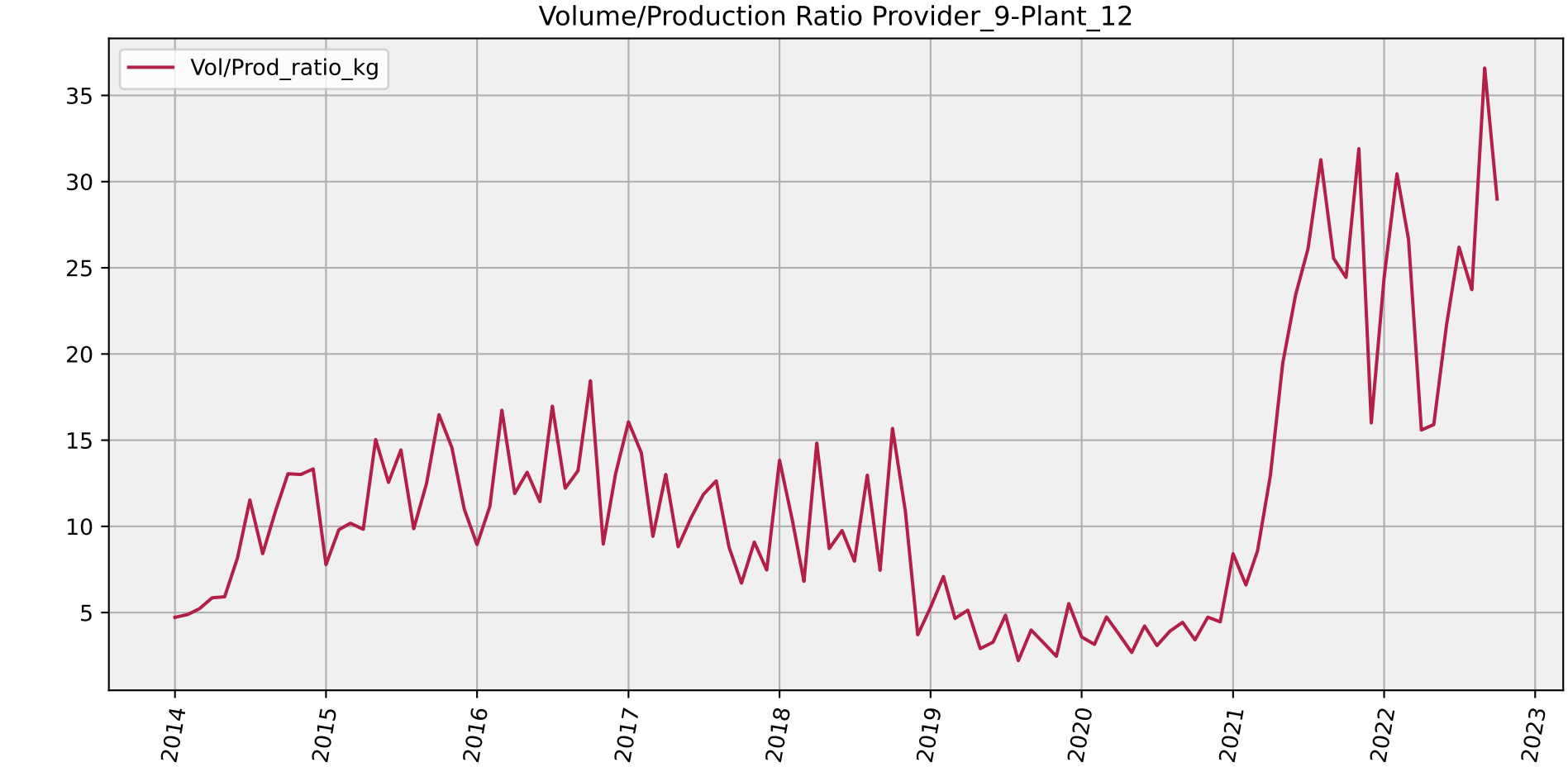
Incoming Volume Provider_9-Plant_12

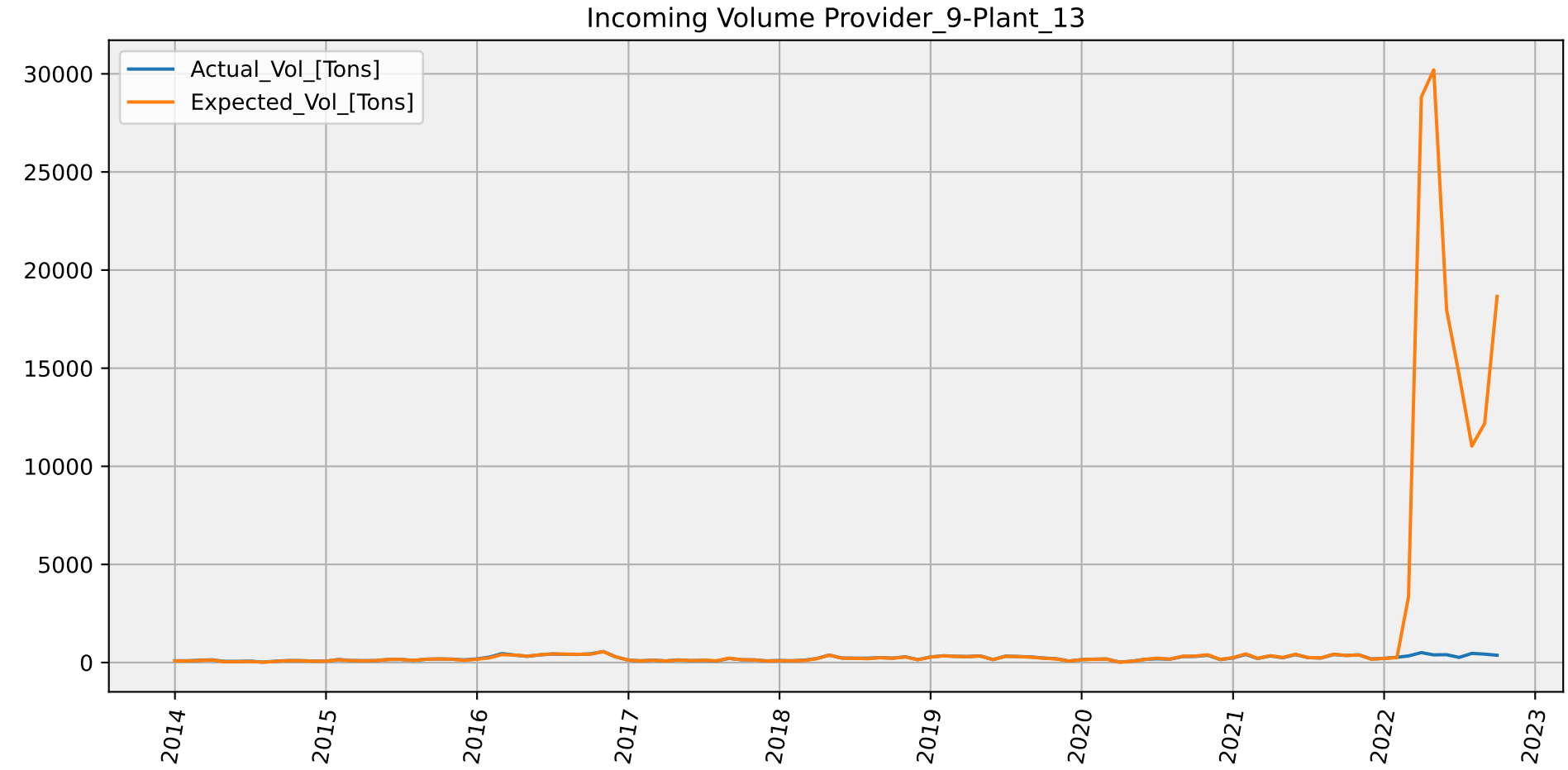


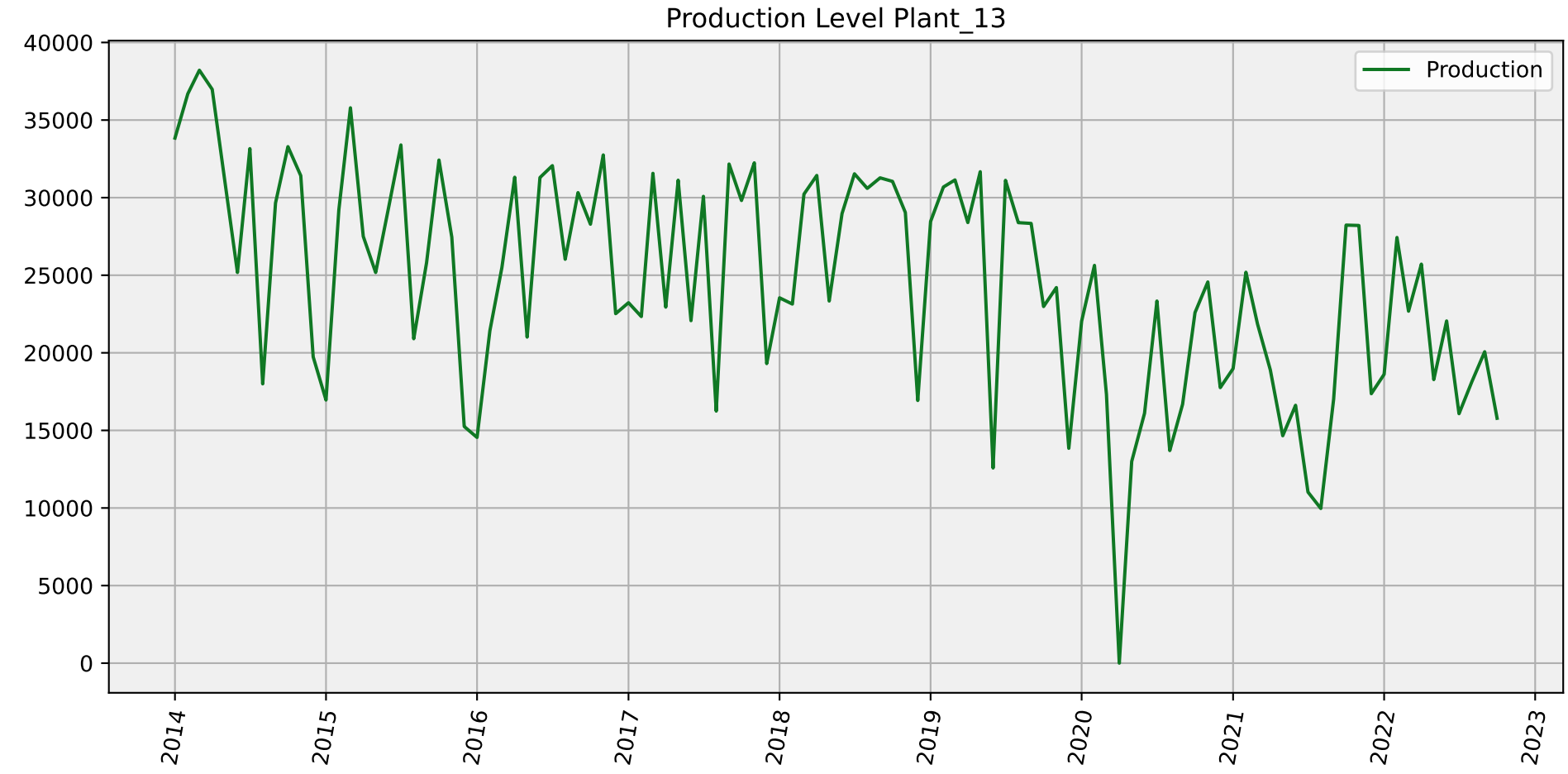
Production Level Plant_12

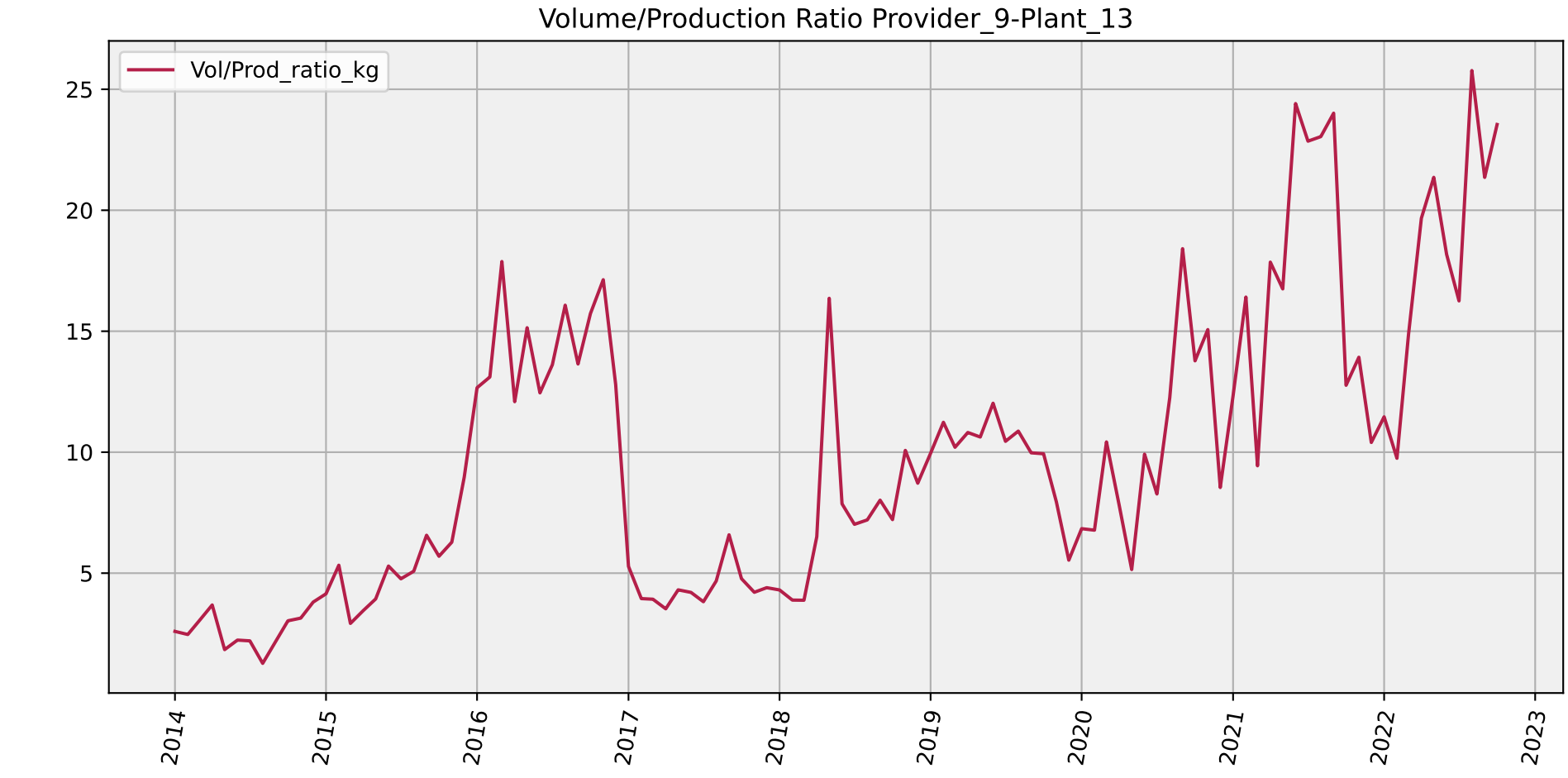


Volume/Production Ratio Provider_9-Plant_12

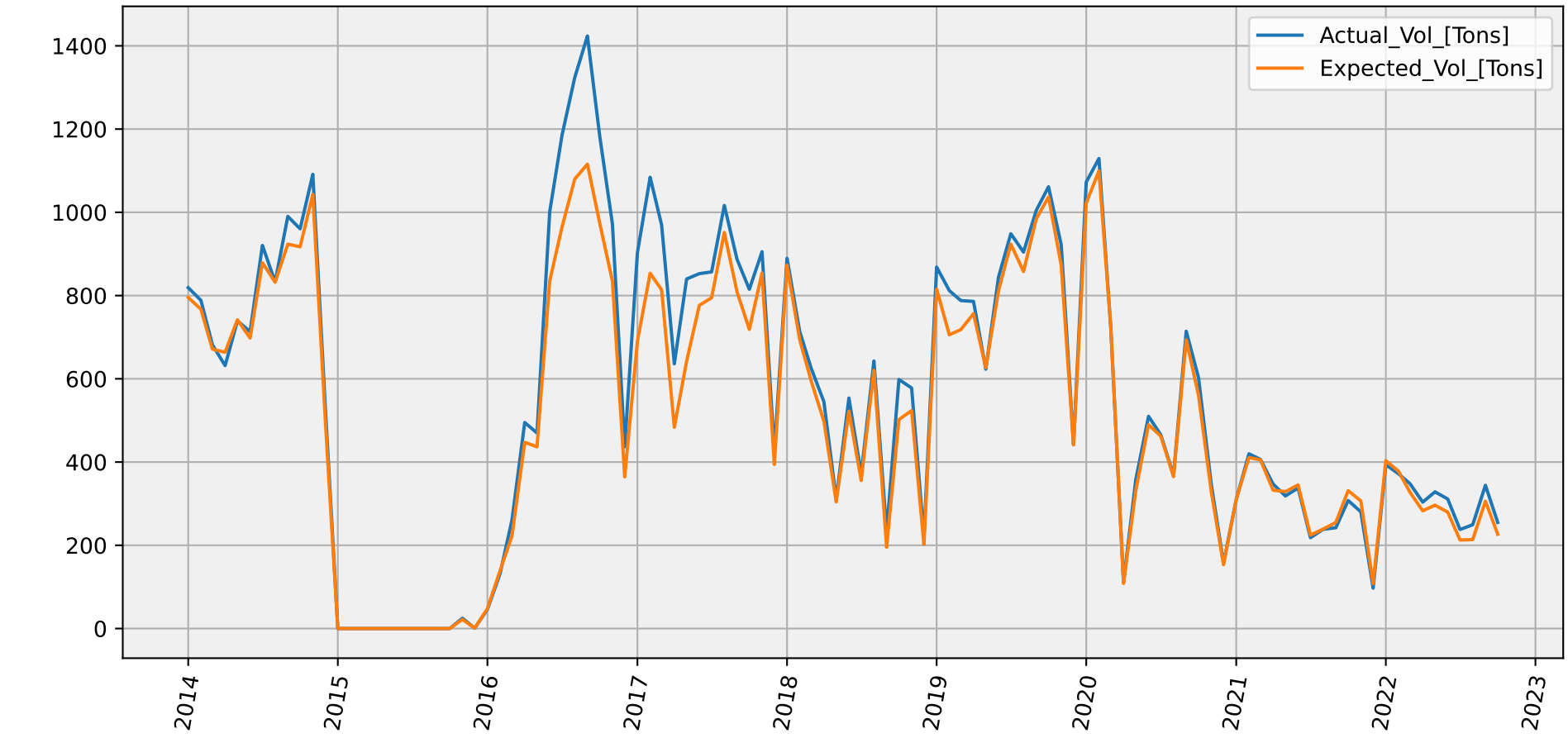



Incoming Volume Provider_9-Plant_13
Actual_Vol_[Tons]
Expected_Vol_[Tons]
30000
25000
20000
15000
10000
5000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

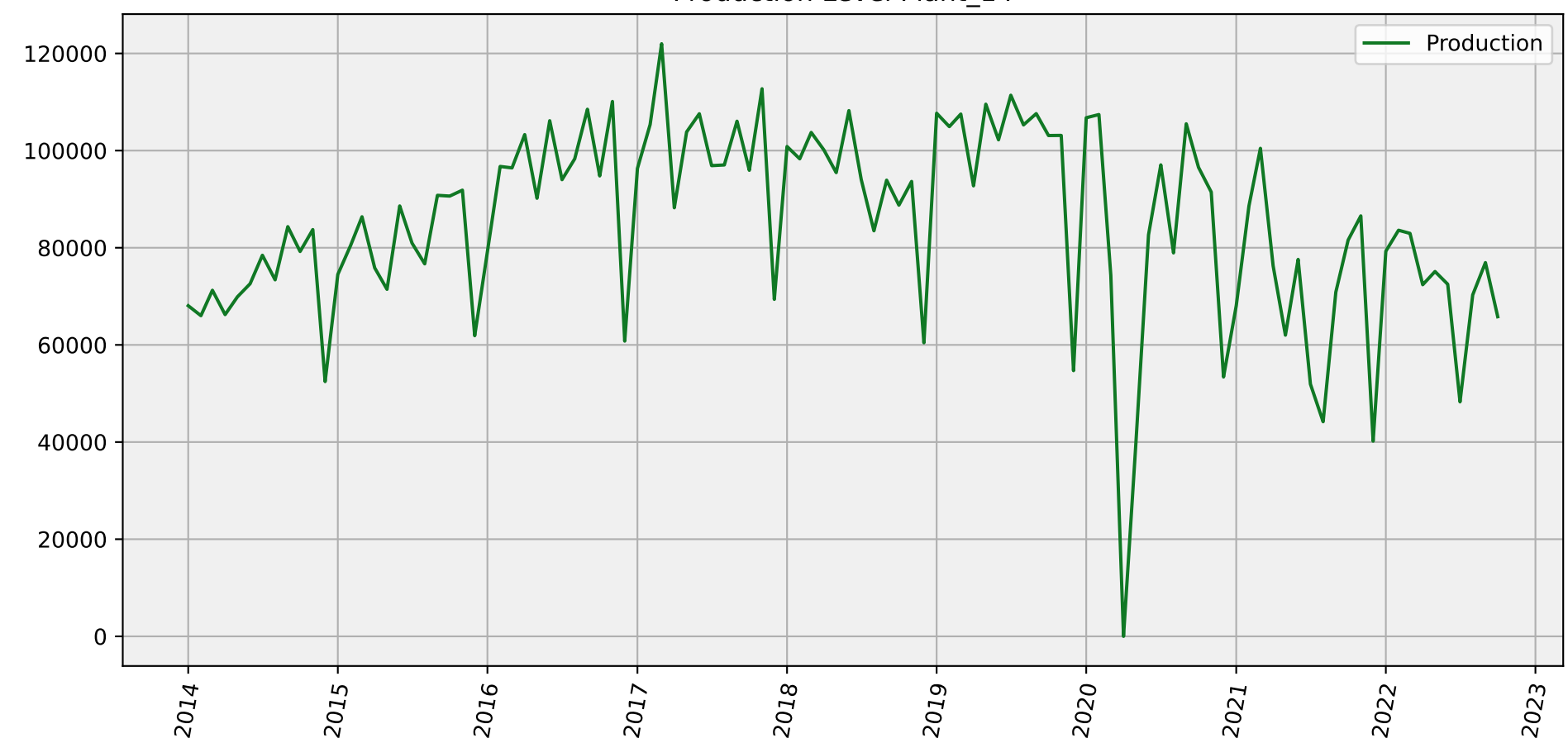

Production Level Plant_13
Production
40000
35000
30000
25000
20000
15000
10000
5000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_9-Plant_13
Vol/Prod_ratio_kg
25
20
15
10
5
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

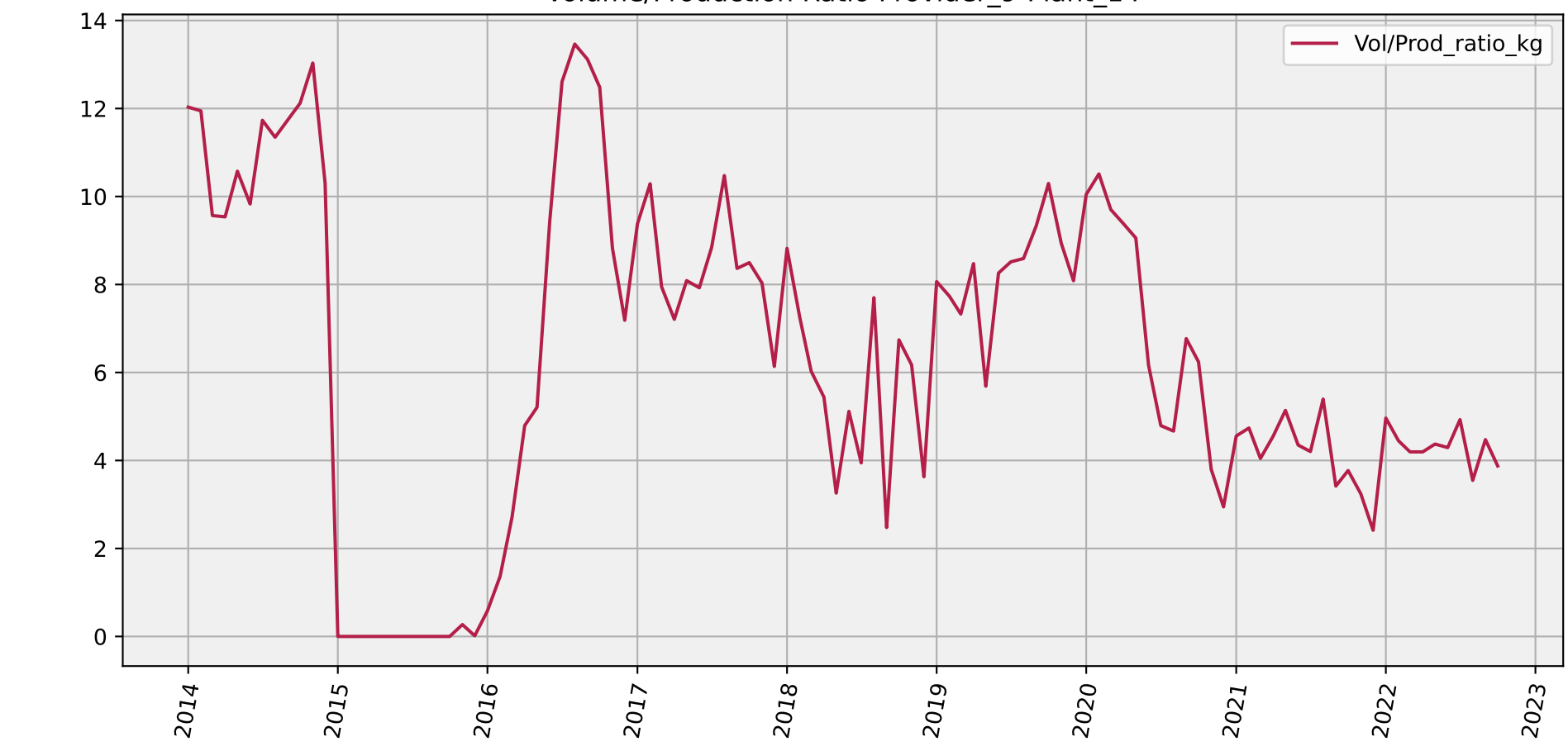
Incoming Volume Provider_9-Plant_14



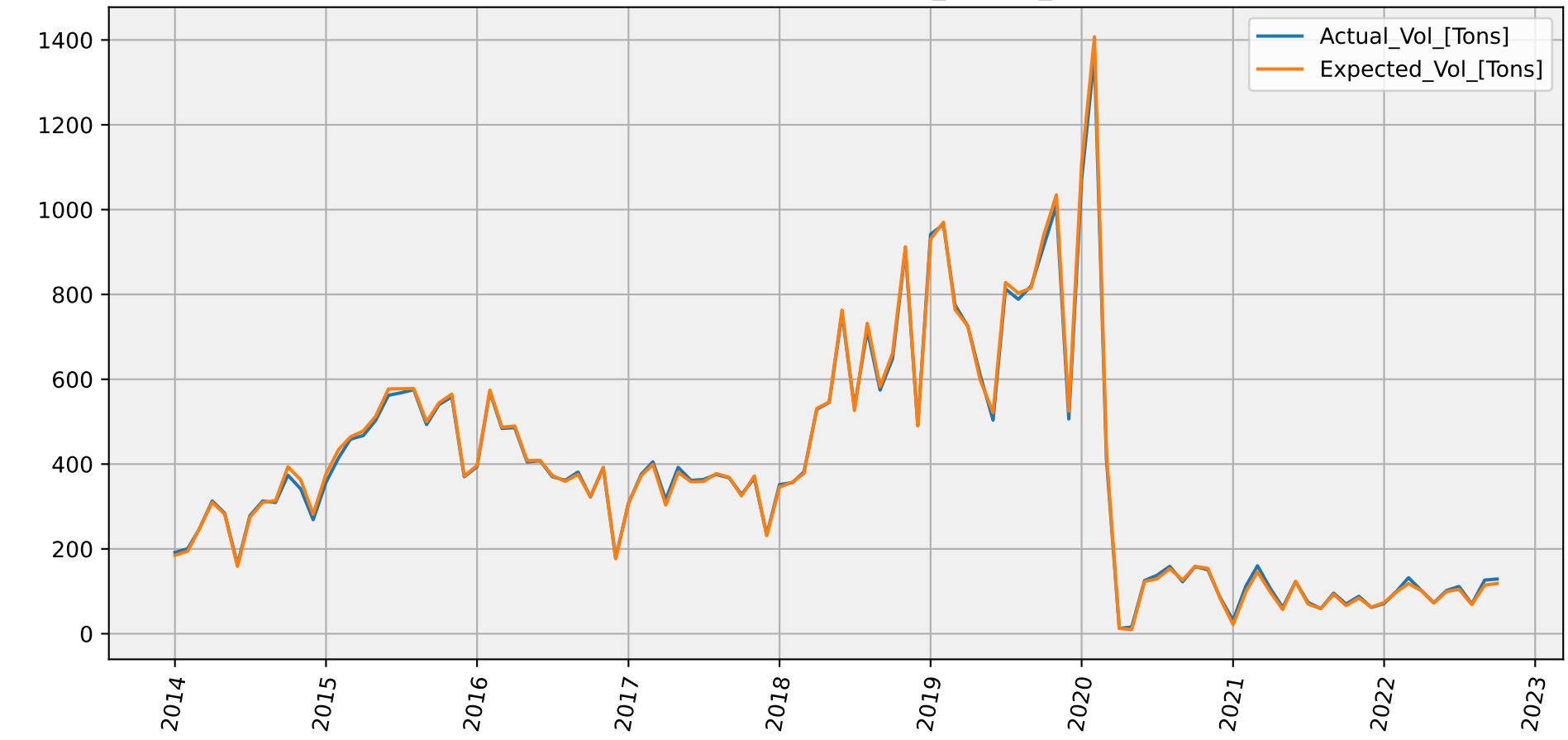
Production Level Plant_14



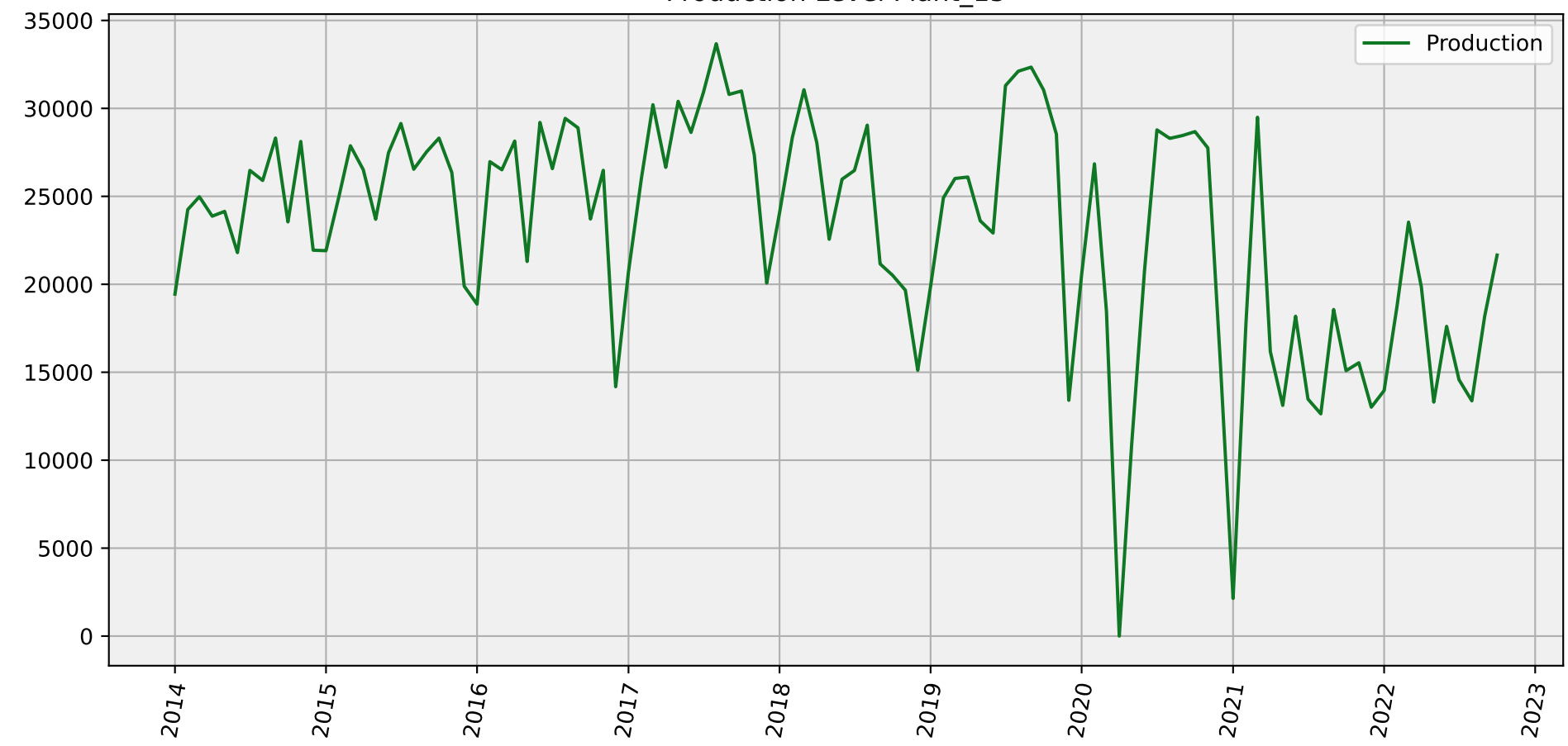
Volume/Production Ratio Provider_9-Plant_14



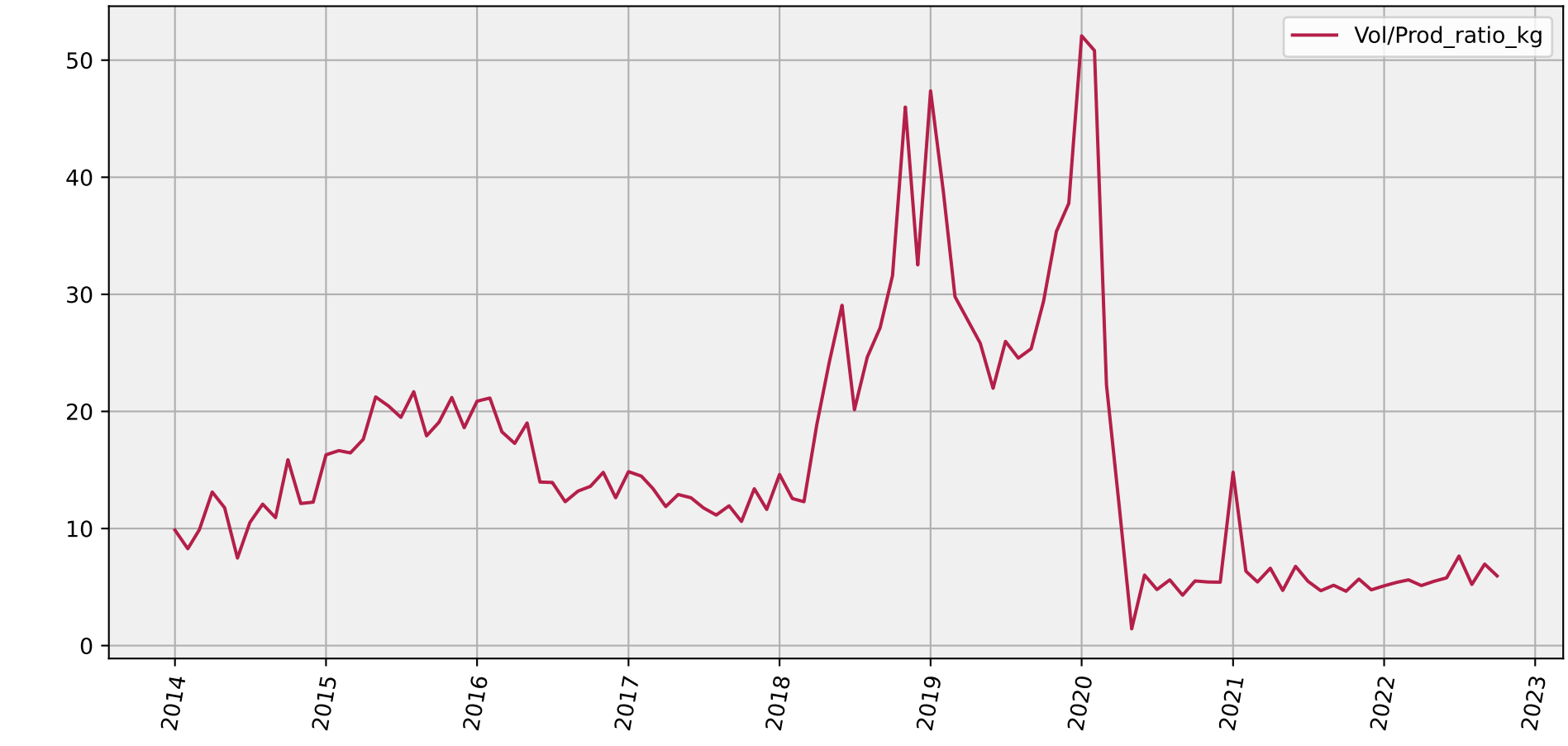
Incoming Volume Provider_9-Plant_15



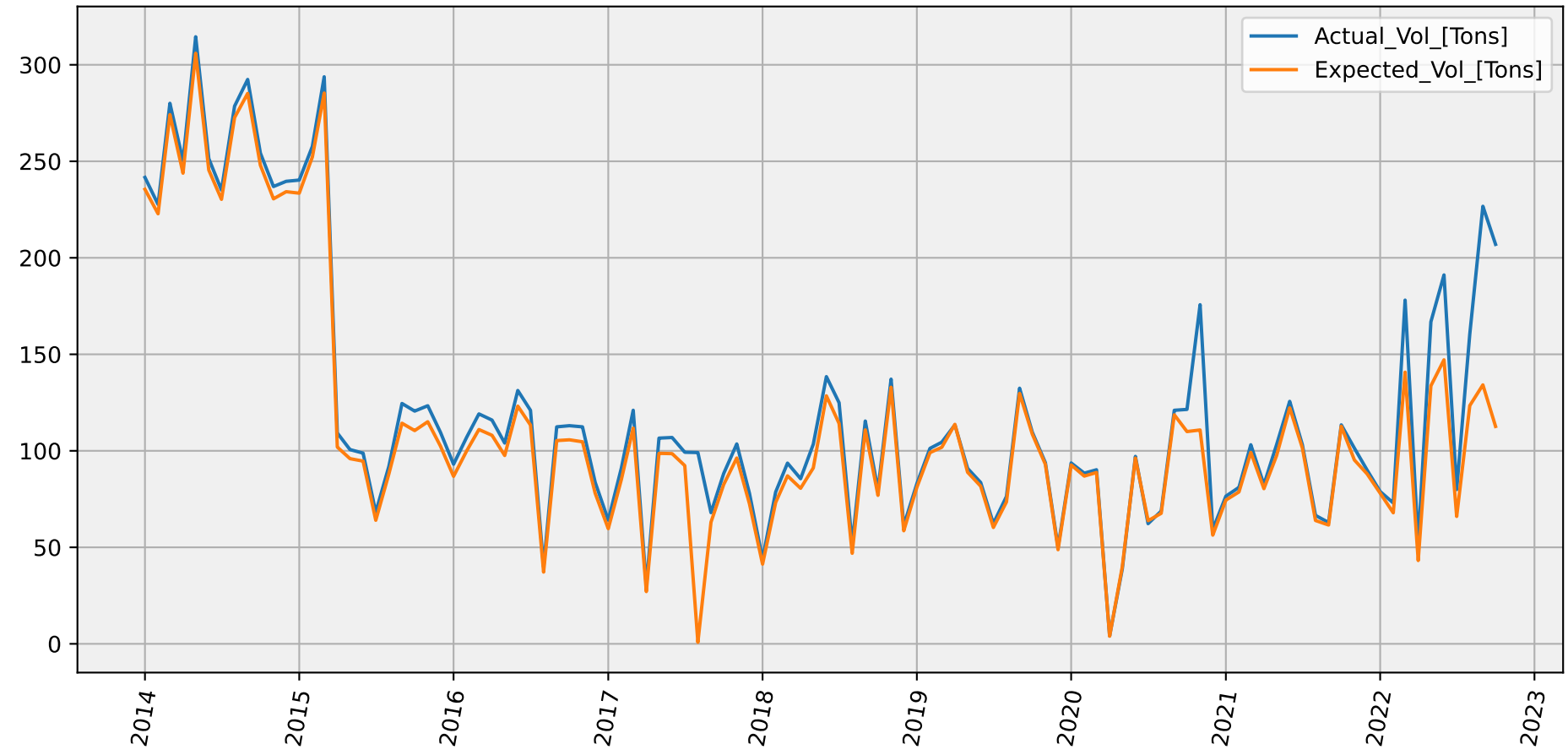
Production Level Plant_15



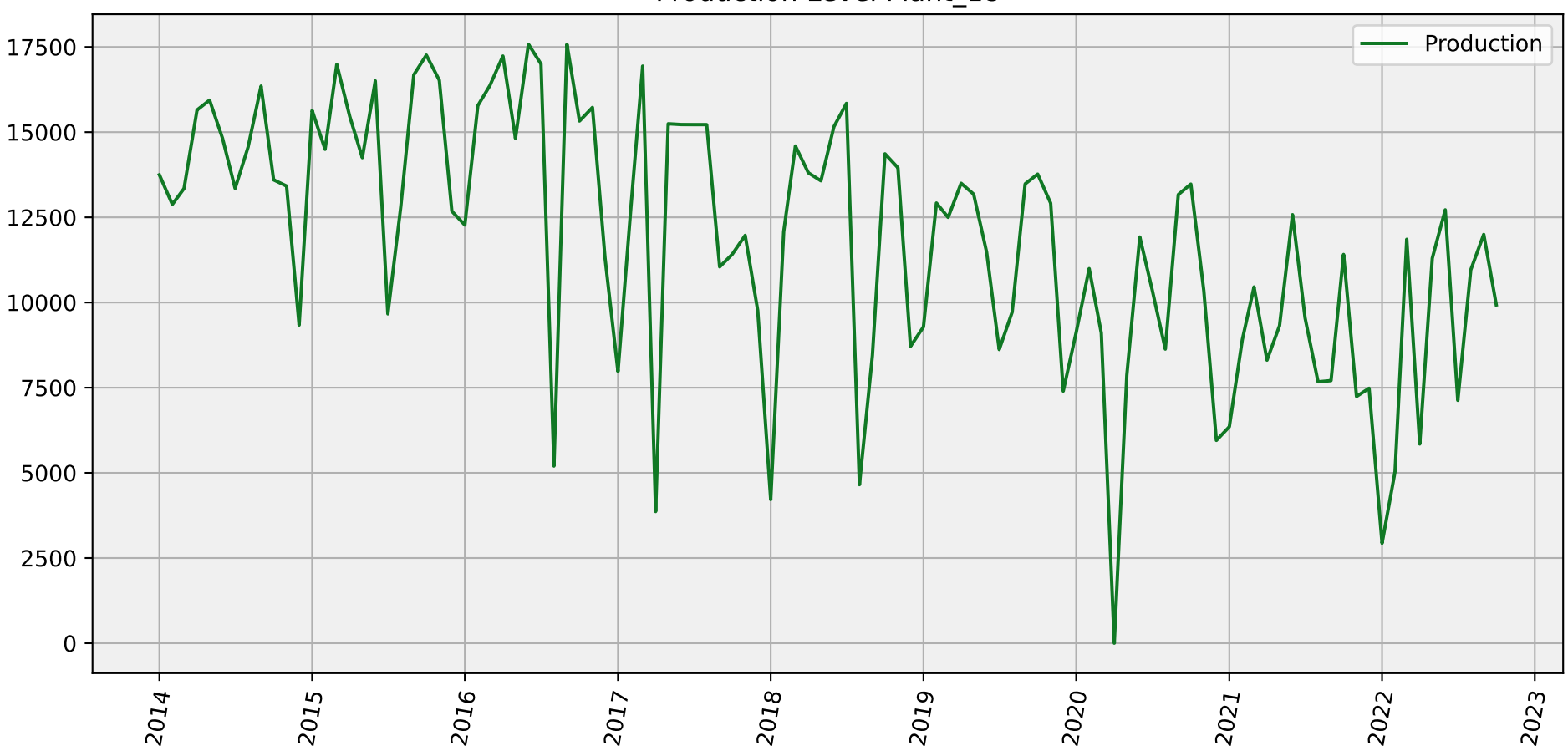
Volume/Production Ratio Provider_9-Plant_15



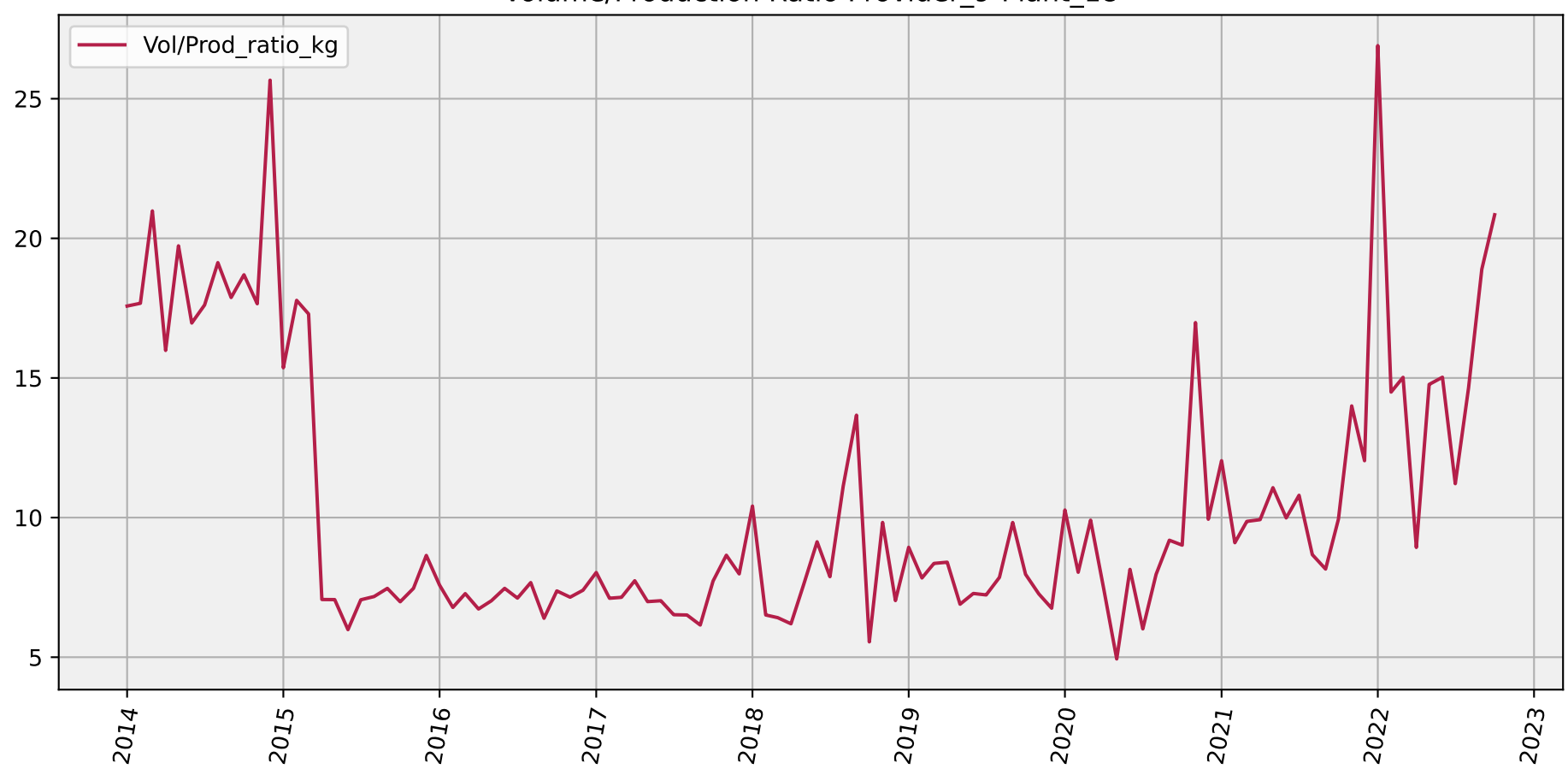
Incoming Volume Provider_9-Plant_18



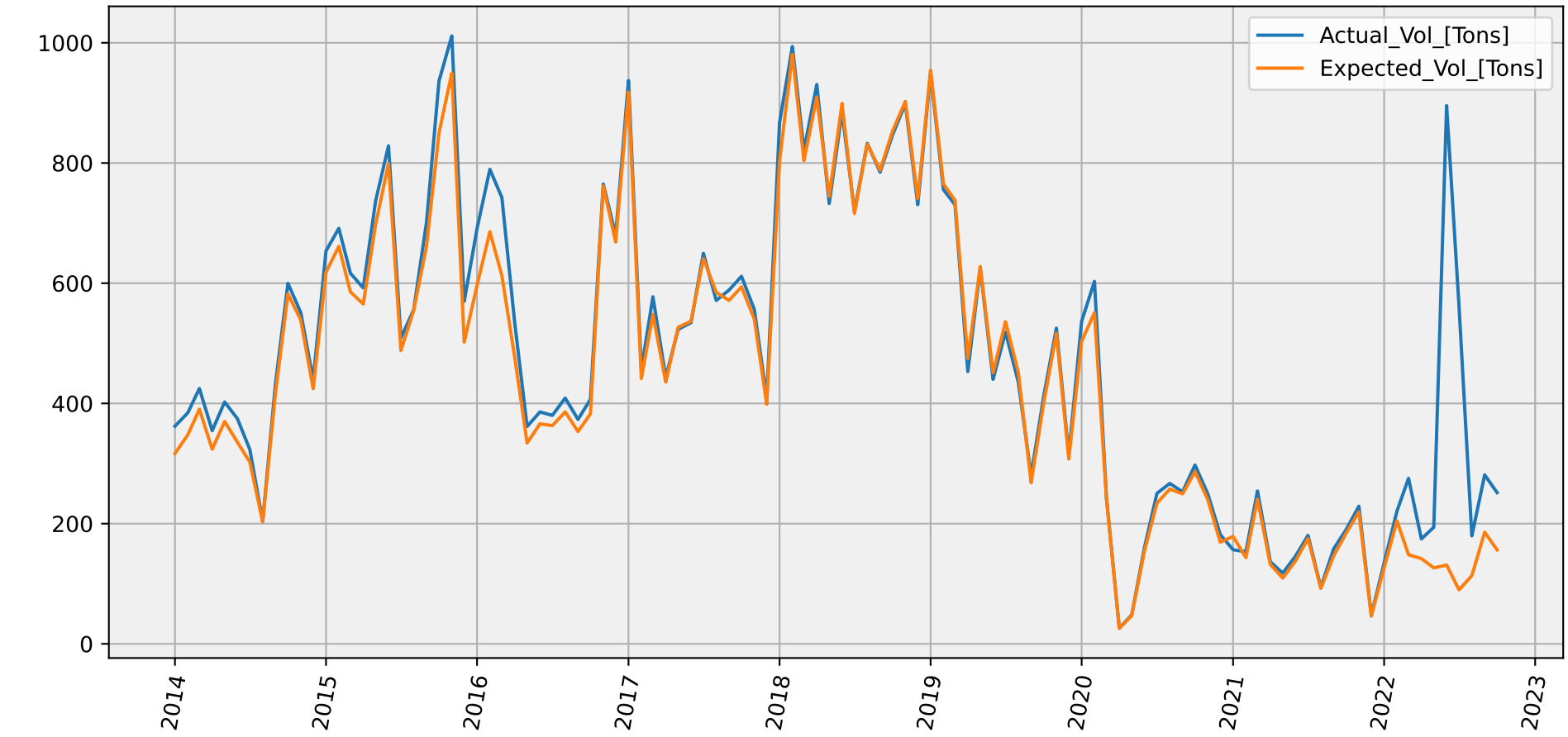
Production Level Plant_18



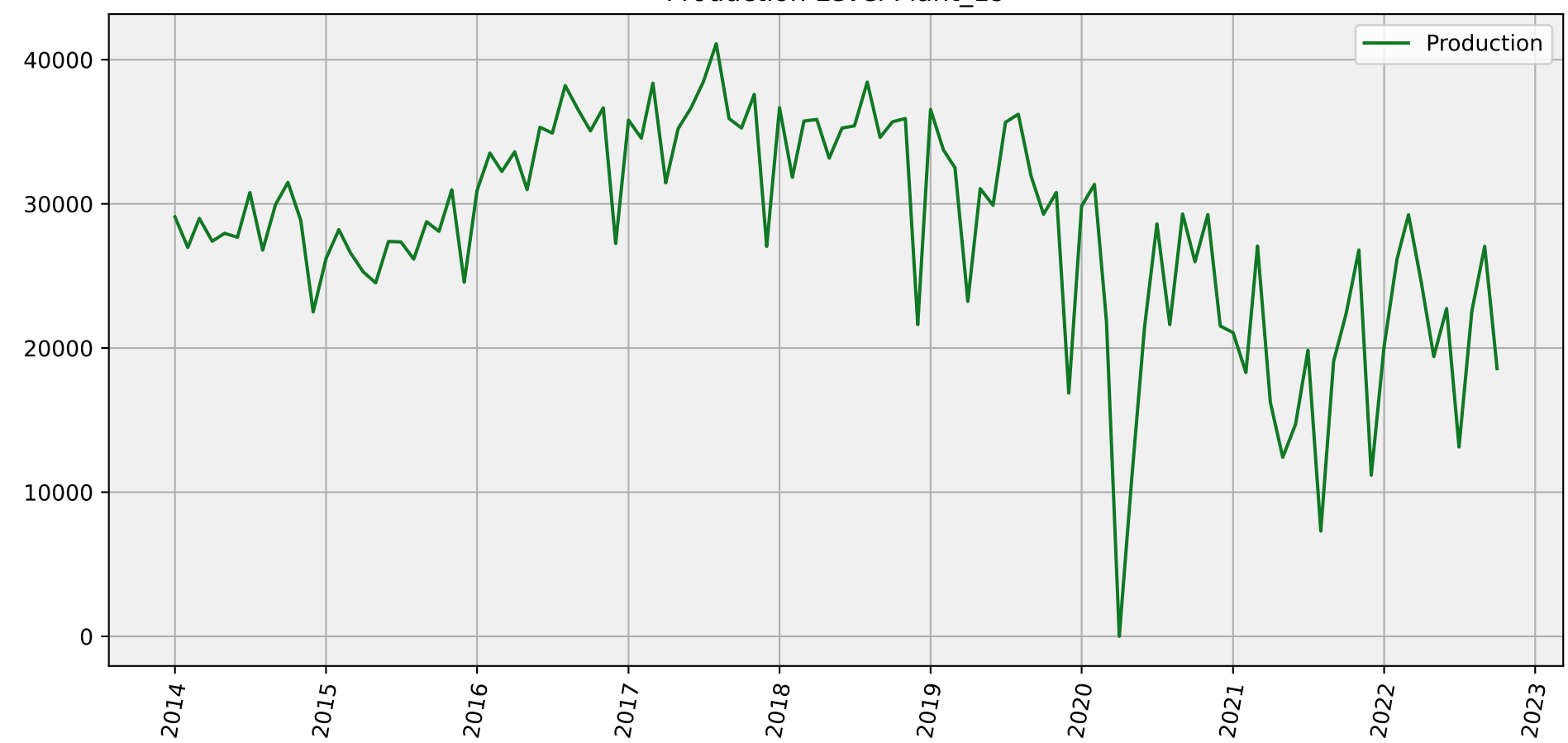
Volume/Production Ratio Provider_9-Plant_18



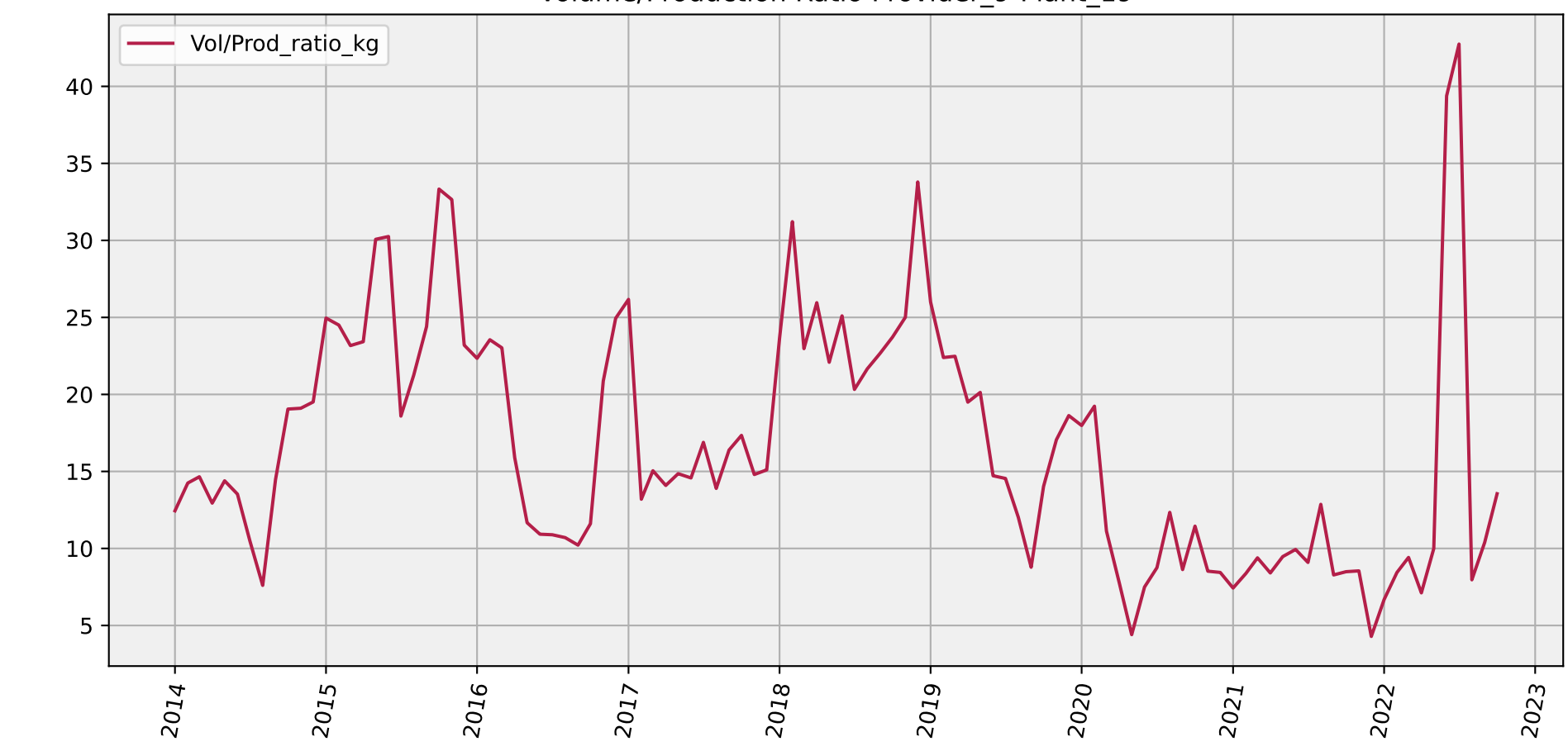
Incoming Volume Provider_9-Plant_19

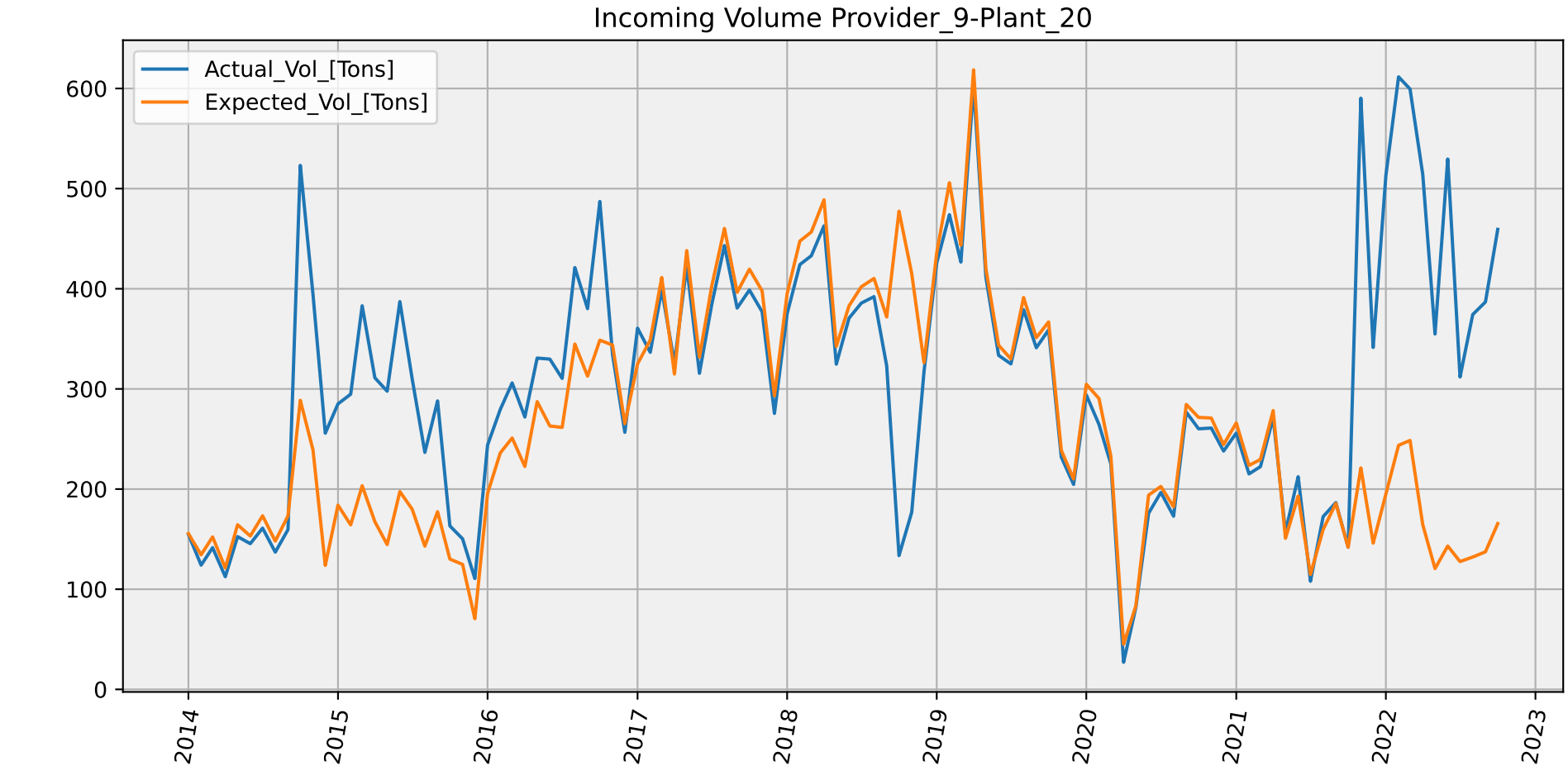


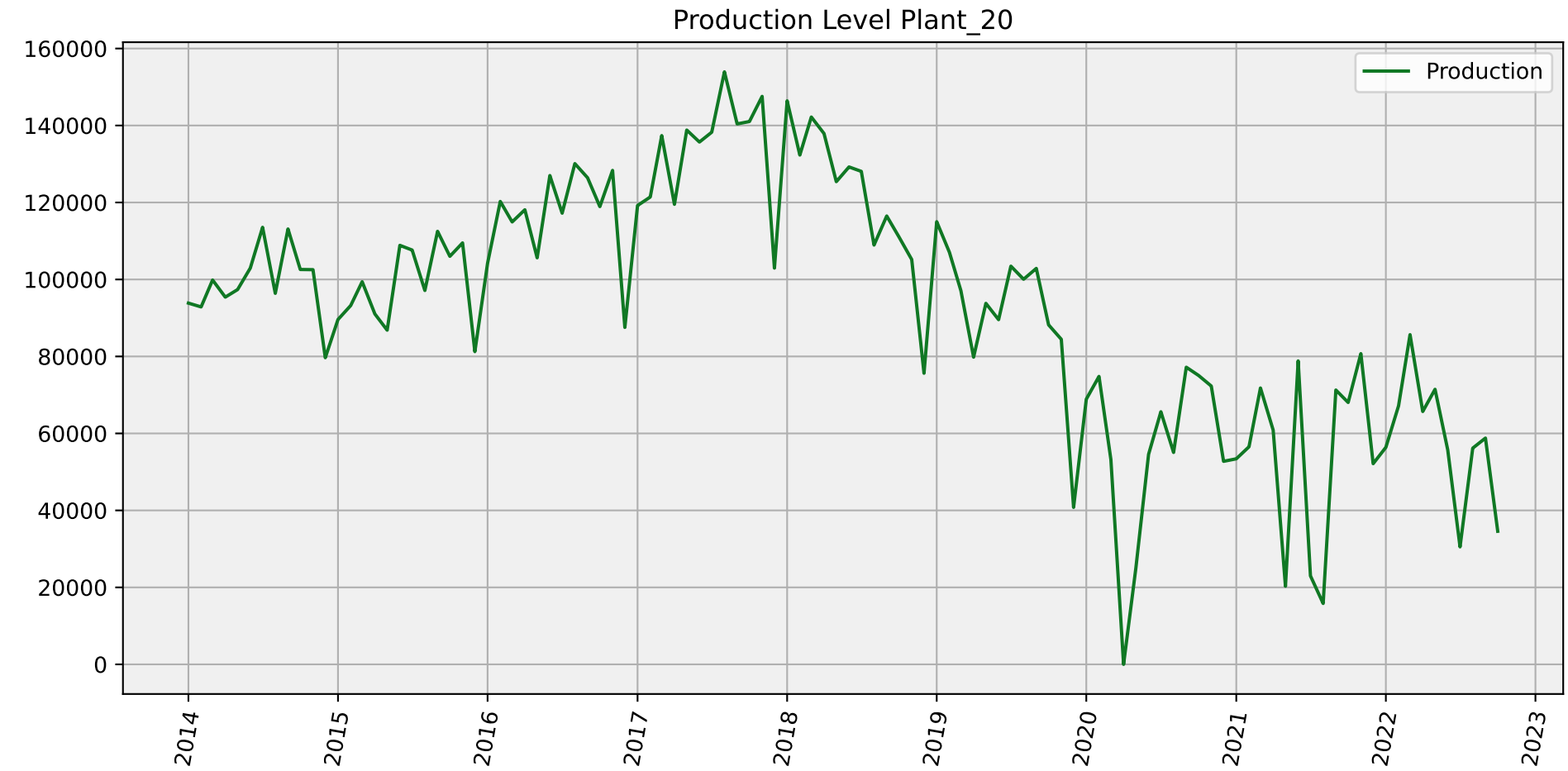
Production Level Plant_19

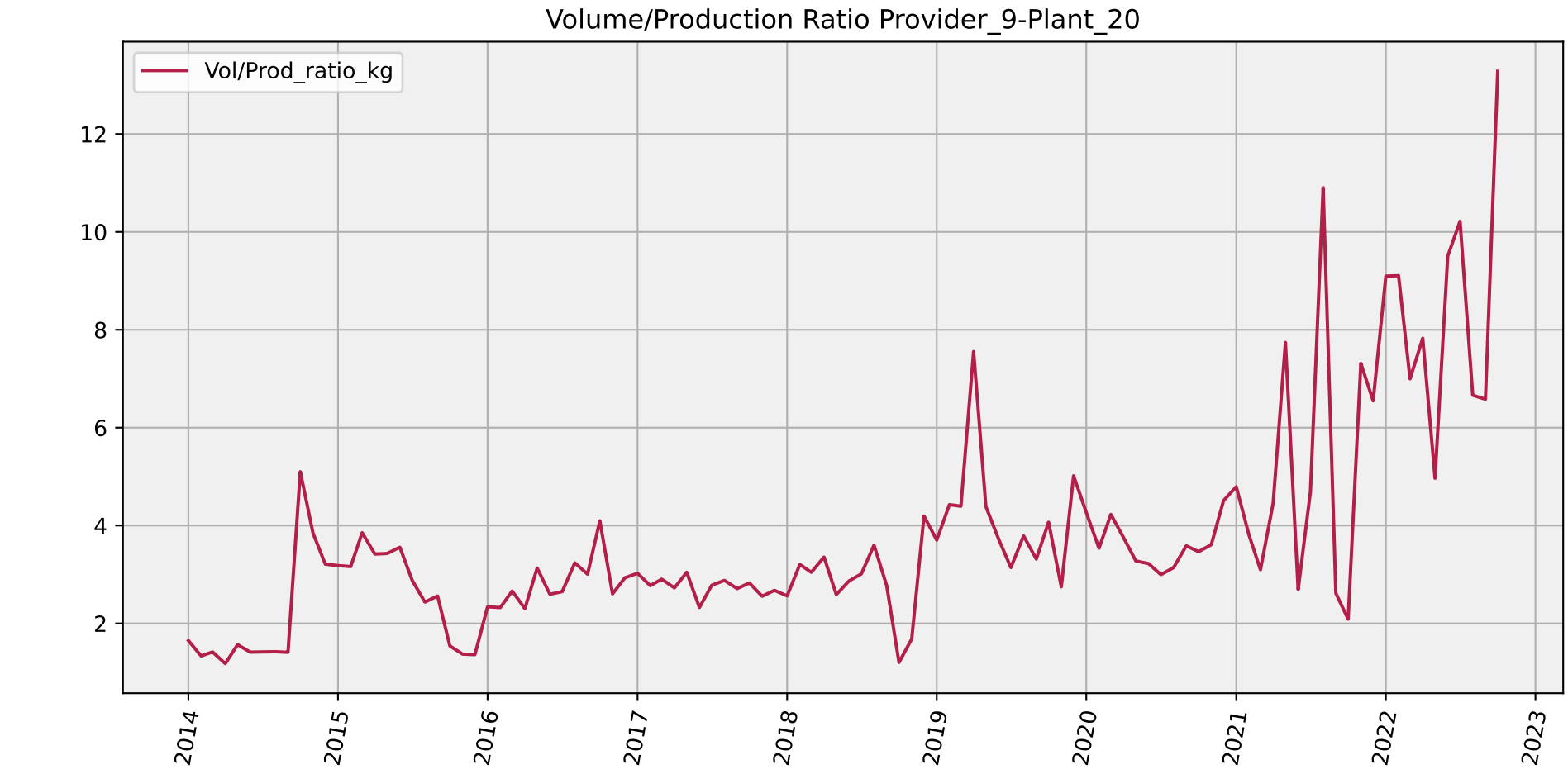


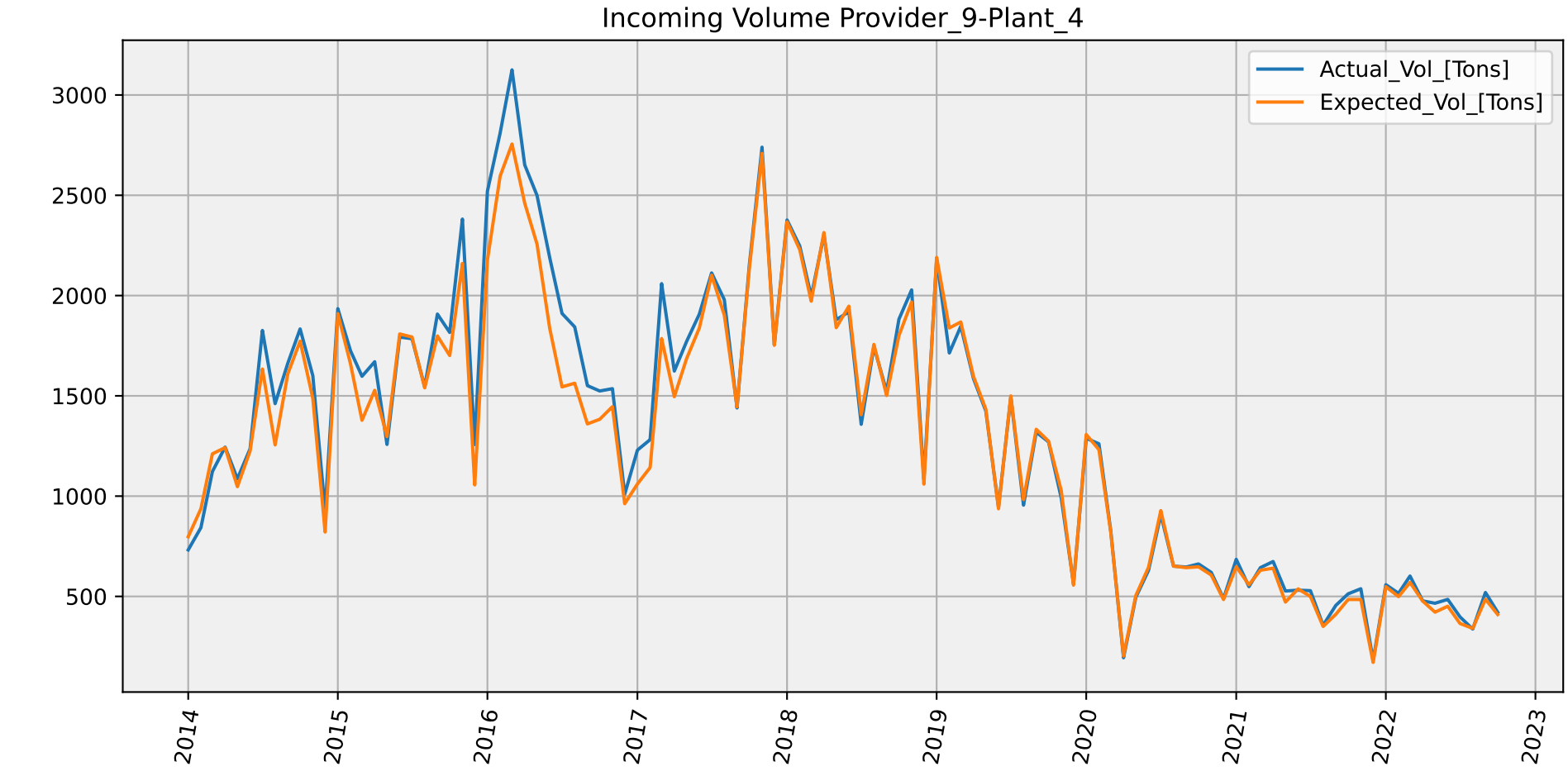
Volume/Production Ratio Provider_9-Plant_19

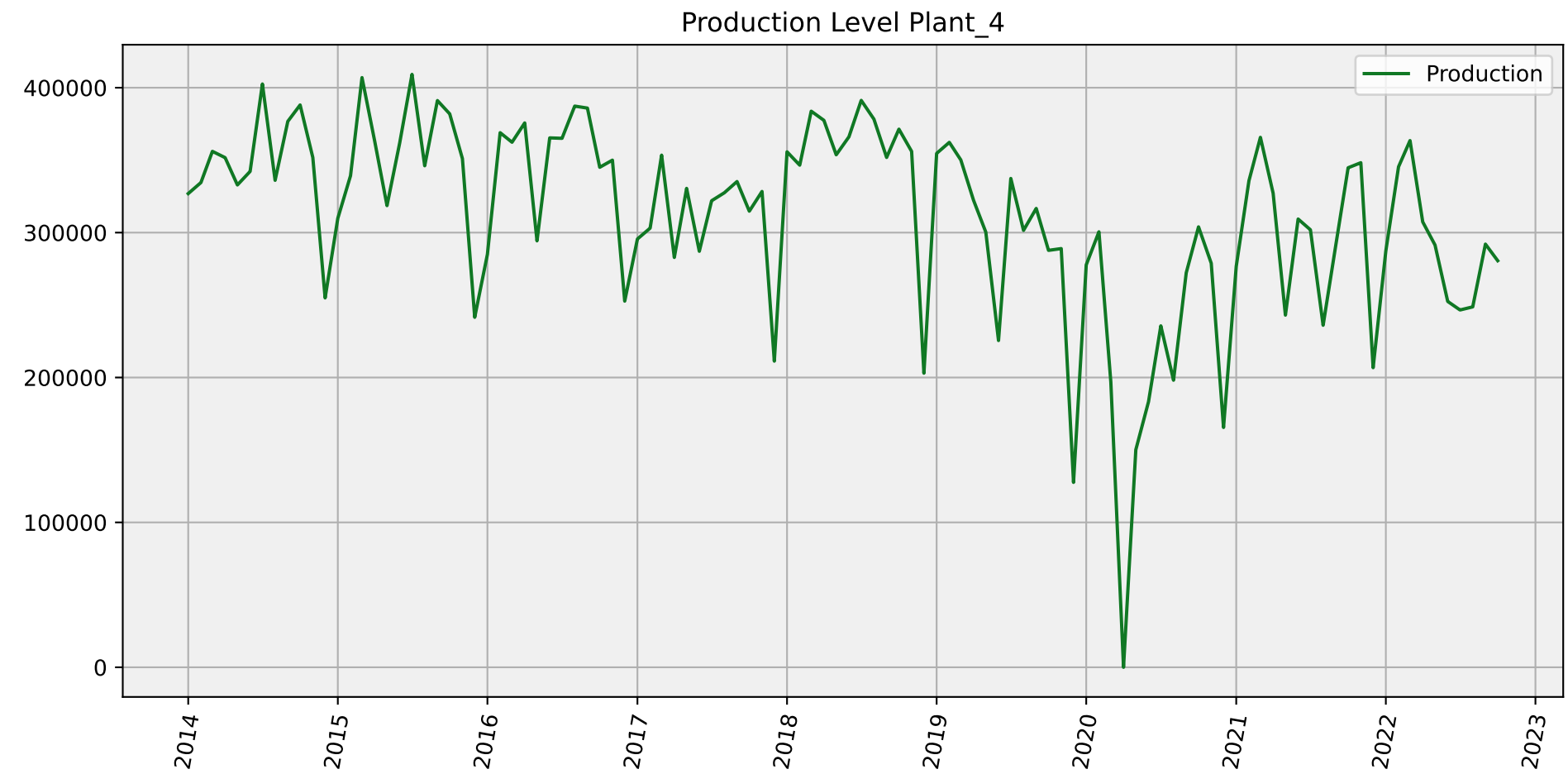


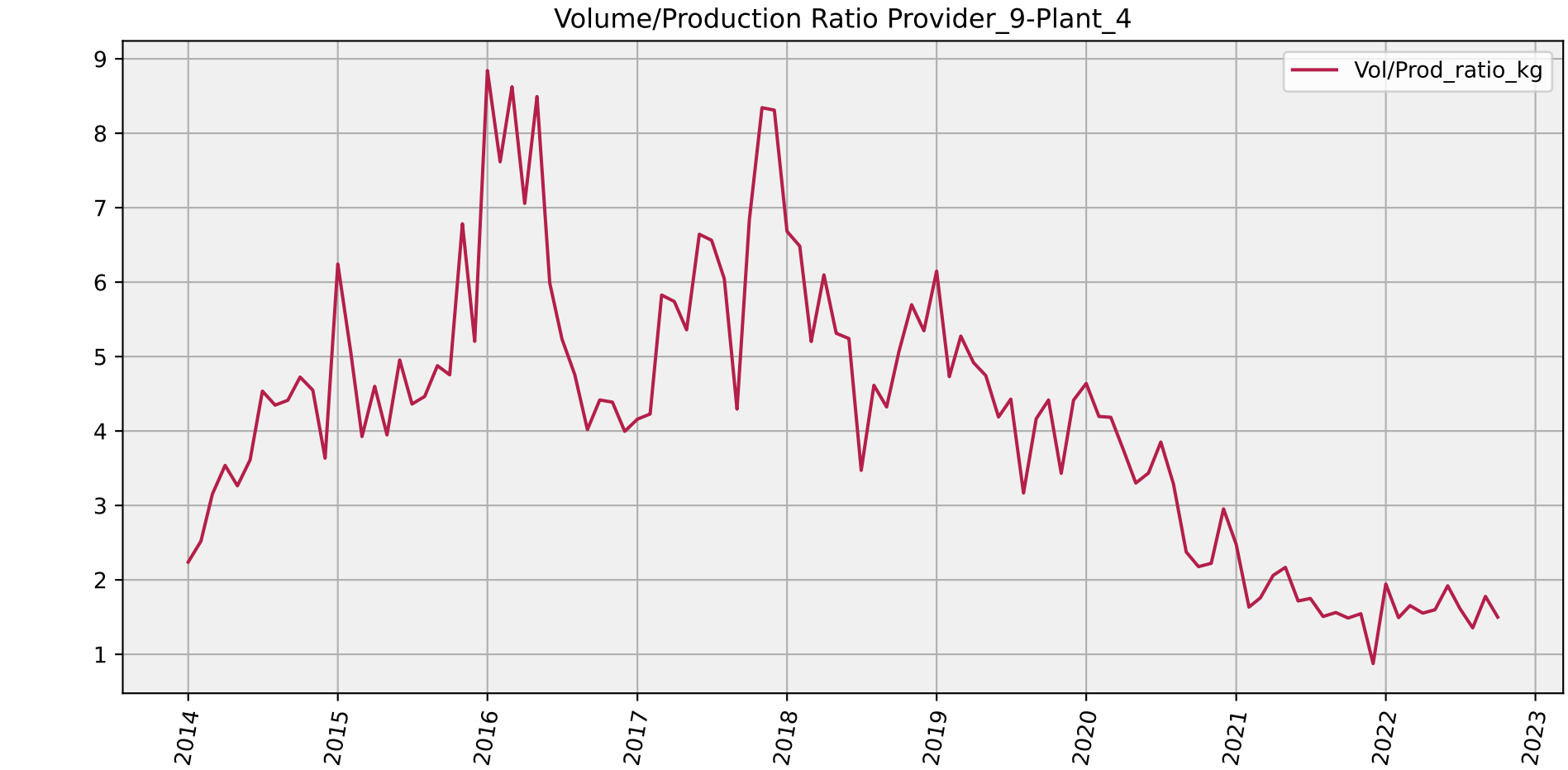

Incoming Volume Provider_9-Plant_20
Actual_Vol_[Tons]
Expected_Vol_[Tons]
0
100
200
300
400
500
600
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

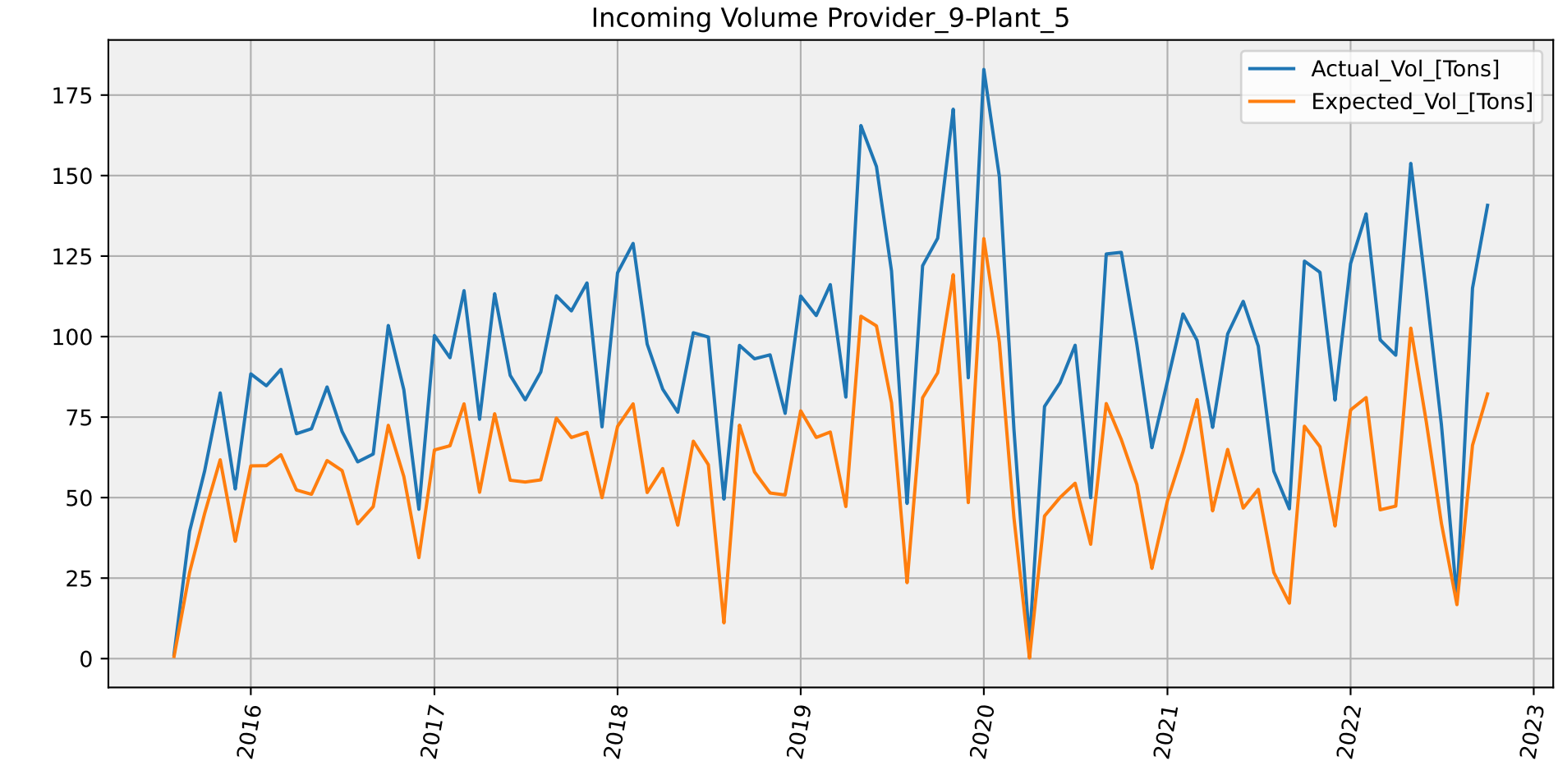

Production Level Plant_20
Production
0
20000
40000
60000
80000
100000
120000
140000
160000
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

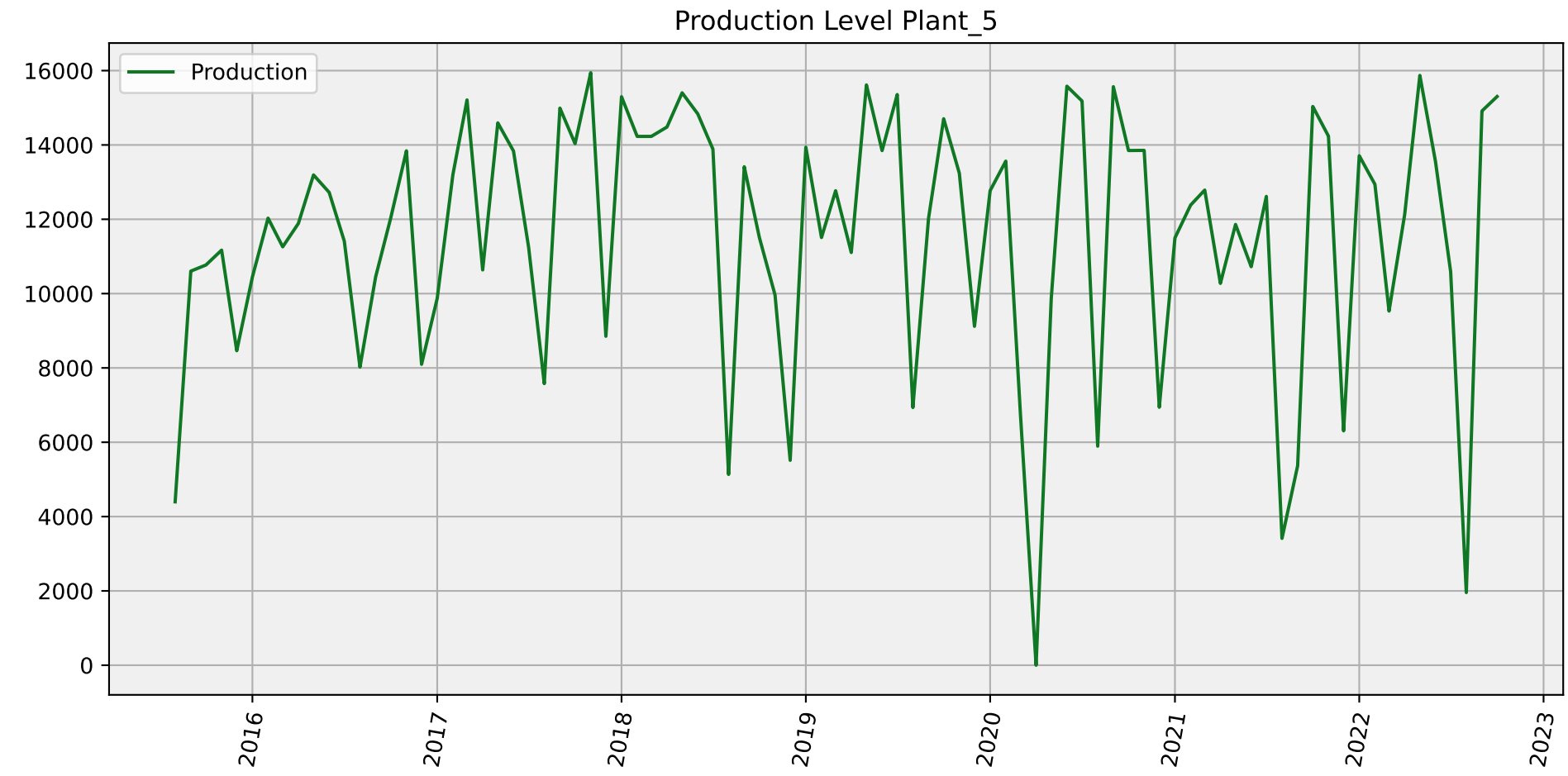

Volume/Production Ratio Provider_9-Plant_20
Vol/Prod_ratio_kg
2
4
6
8
10
12
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

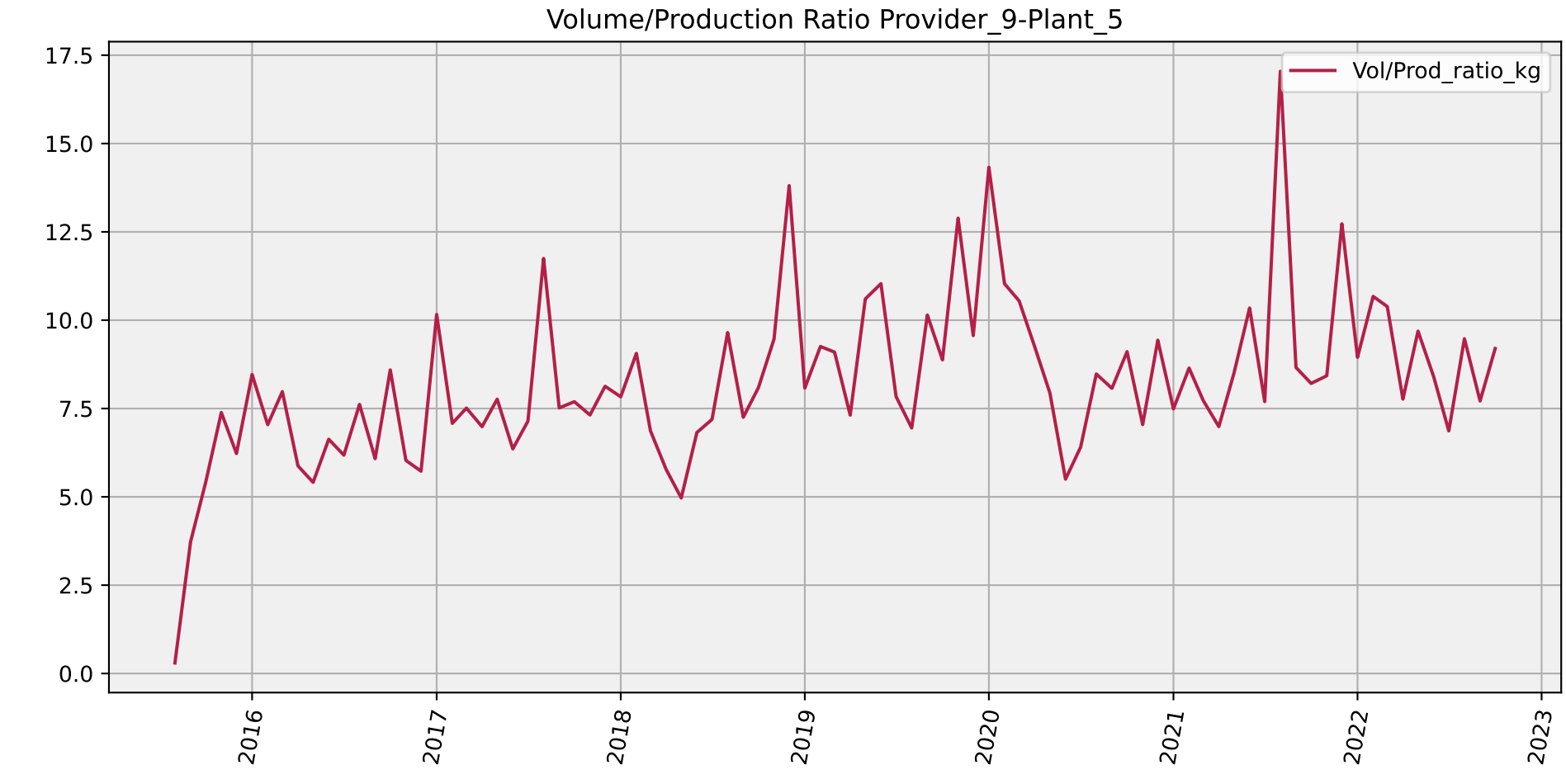

Incoming Volume Provider_9-Plant_4
Actual_Vol_[Tons]
Expected_Vol_[Tons]
3000
2500
2000
1500
1000
500
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Production Level Plant_4
Production
400000
300000
200000
100000
0
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_9-Plant_4
Vol/Prod_ratio_kg
9
8
7
6
5
4
3
2
1
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023


Incoming Volume Provider_9-Plant_5
Actual_Vol_[Tons]
Expected_Vol_[Tons]
175
150
125
100
75
50
25
0
2016
2017
2018
2019
2020
2021
2022
2023


Production Level Plant_5
Production
16000
14000
12000
10000
8000
6000
4000
2000
0
2016
2017
2018
2019
2020
2021
2022
2023


Volume/Production Ratio Provider_9-Plant_5
Vol/Prod_ratio_kg
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
2016
2017
2018
2019
2020
2021
2022
2023