

# Crickhowell Car Park Analysis

Tom White and Eliane Wigzell, 12 August 2019

What does the car  
park data tell us?

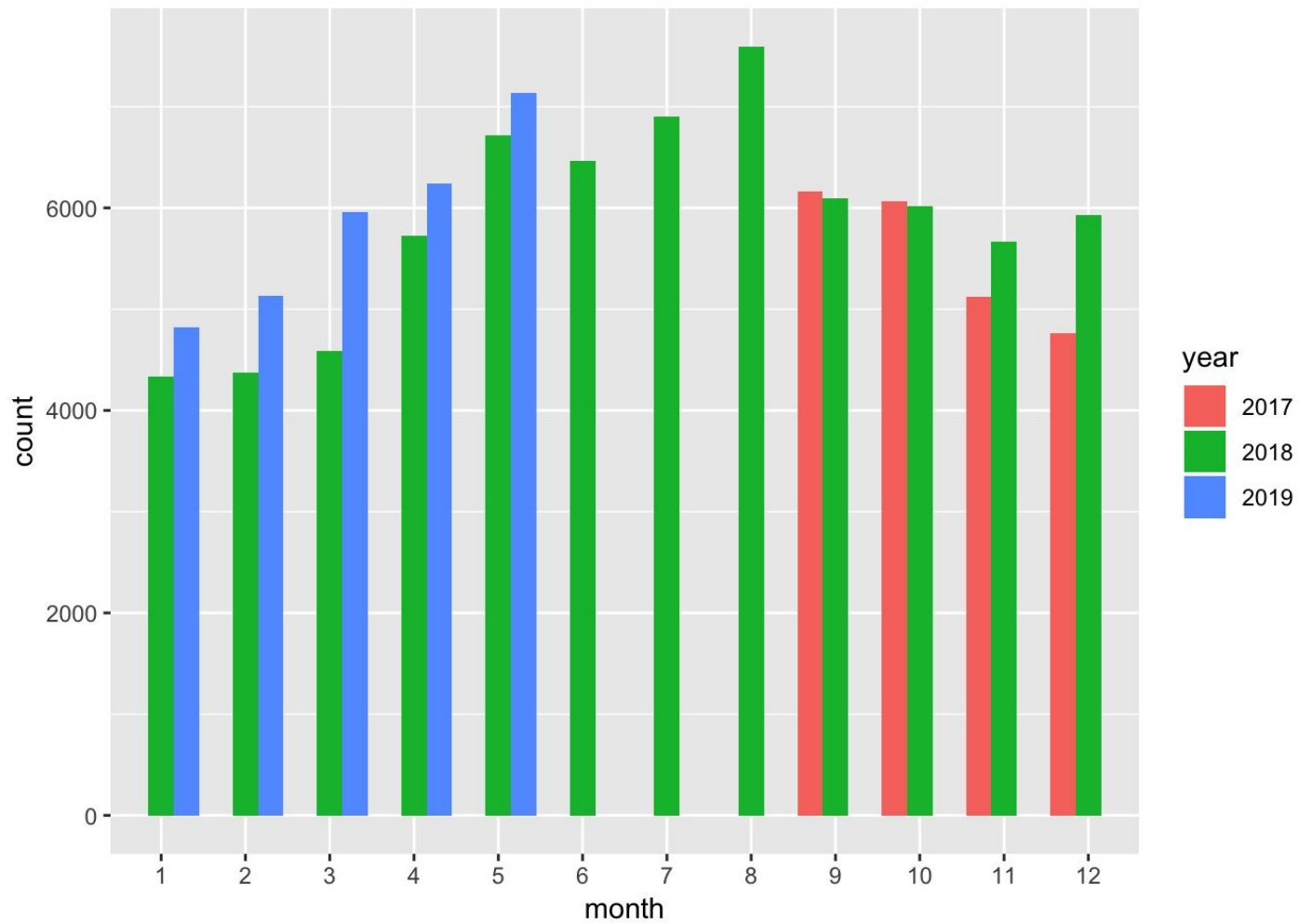
Template Version: 2.1

Tariffs : ALL

Date	Machine	Description	Tariff	Description
01/01/2019 09:45	01CB	Beaufort St - Crickhowell	105D	£3.20 LS All Day
01/01/2019 09:54	01CB	Beaufort St - Crickhowell	105B	£1.30 LS 2 Hour
01/01/2019 09:59	01CB	Beaufort St - Crickhowell	105C	£2.50 LS 4 Hour
01/01/2019 10:03	01CB	Beaufort St - Crickhowell	105D	£3.20 LS All Day
01/01/2019 10:15	01CB	Beaufort St - Crickhowell	105C	£2.50 LS 4 Hour
01/01/2019 10:17	01CB	Beaufort St - Crickhowell	105C	£2.50 LS 4 Hour
01/01/2019 10:21	01CB	Beaufort St - Crickhowell	105D	£3.20 LS All Day
01/01/2019 10:22	01CB	Beaufort St - Crickhowell	105B	£1.30 LS 2 Hour
01/01/2019 10:26	01CB	Beaufort St - Crickhowell	105B	£1.30 LS 2 Hour
01/01/2019 10:29	01CB	Beaufort St - Crickhowell	105D	£3.20 LS All Day
01/01/2019 10:33	01CB	Beaufort St - Crickhowell	105A	£0.70 LS 1 Hour
01/01/2019 10:34	01CB	Beaufort St - Crickhowell	105E	£1.90 LS Trailer 1&2 Hour
01/01/2019 10:36	01CB	Beaufort St - Crickhowell	105C	£2.50 LS 4 Hour
01/01/2019 10:36	01CB	Beaufort St - Crickhowell	105C	£2.50 LS 4 Hour

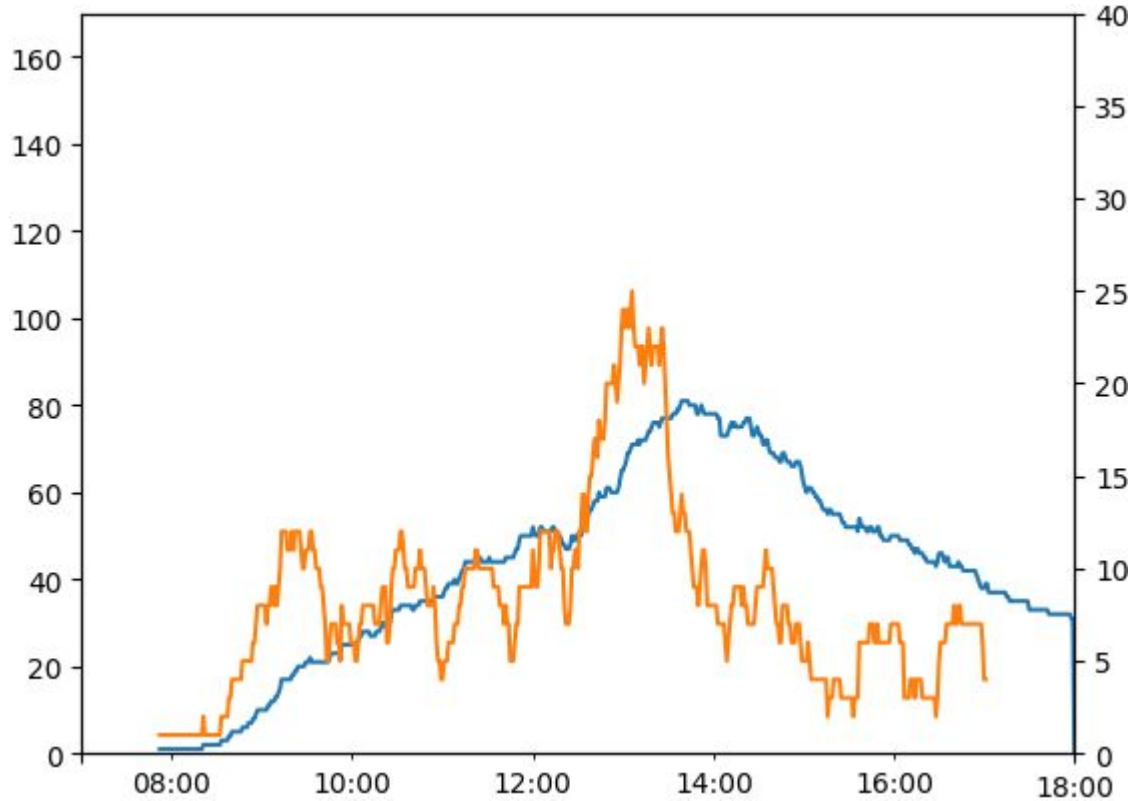
# Quick stats

- There are about **130** parking spaces
- The **2 hour** ticket is the most popular
- **23 all day** tickets are sold on average every day
- There are an estimated **10** vehicles with Blue Badges and **10** with permits
- Most tickets are sold on **Saturdays** (15% more tickets sold than Fridays)
- More tickets are sold in the **summer** months than in winter
- Usage is **increasing** by year (more tickets sold in May 2019 than May 2018)
- **0.6** Penalty Charge Notices were issued per day, on average, during FY18-19



Is overcrowding a problem?

# Normal day: Thursday, 4 April 2019

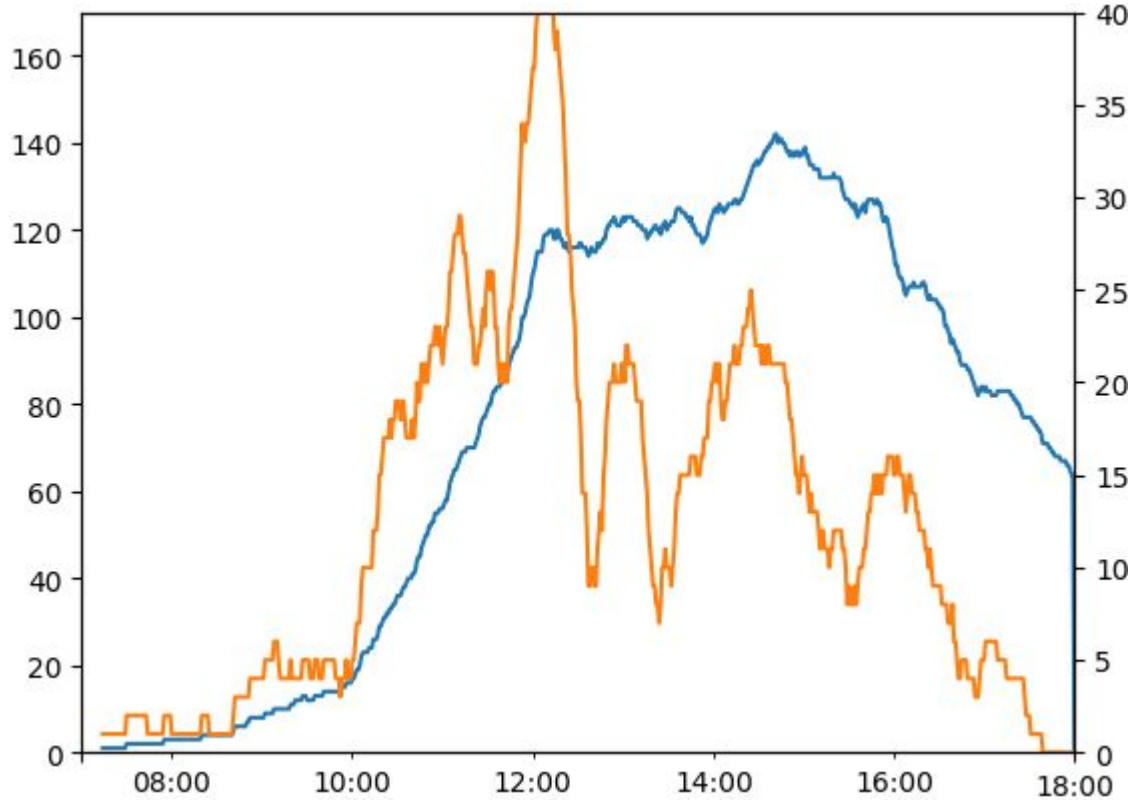


# Approach

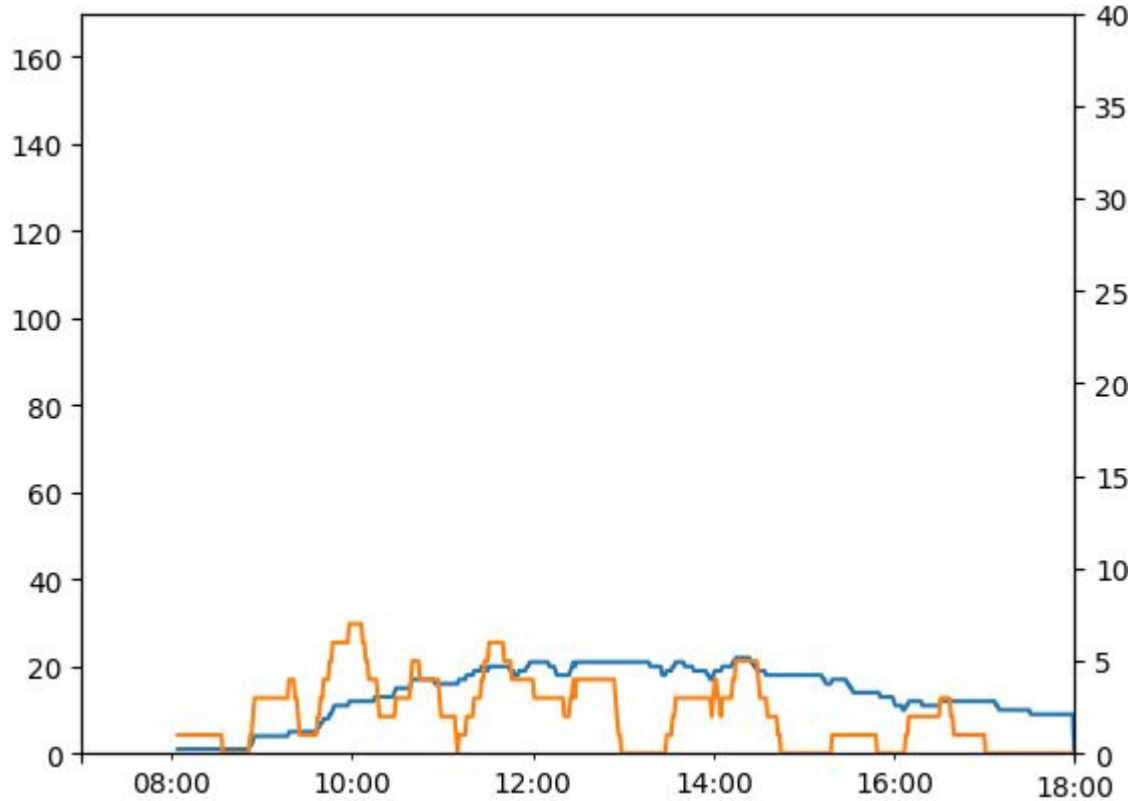
- Limit to 1 hour, 2 hour, 4 hour, all day tickets - for cars
- 8am to 6pm
- We only know when tickets are sold, not when cars enter or leave
- For this analysis we have to assume each ticket is used for full period - e.g. car is parked for exactly 2 hours for a 2 hour ticket
- We know this isn't true!
  - Some people stay for less time
  - Some people stay longer
  - But, this assumption doesn't matter for graph of number of tickets sold in 30 min slot (orange line)



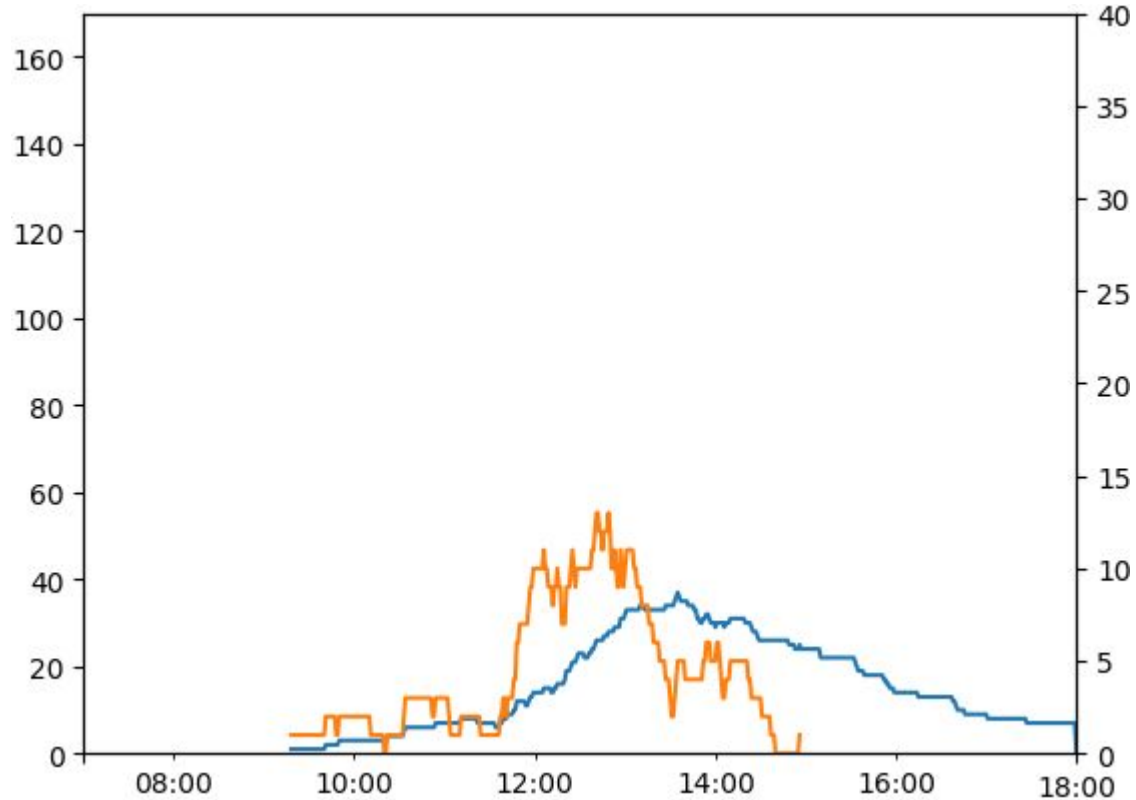
# Busy bank holiday: Monday, 27 May 2019



# Snow: Friday, 1 February 2019



# Storm Freya: Sunday, 3 March 2019



# Days when the car park was full (Jan-May 2019)

- Friday, 4 January
- Saturday, 5 January
- Tuesday, 8 January
- Saturday, 12 January
- Saturday, 2 February
- Tuesday, 5 February
- Friday, 22 February
- Saturday, 6 April
- Saturday, 11 April
- Friday, 19 April (Easter)
- Saturday, 20 April (Easter)
- Saturday, 4 May (Bank Holiday weekend)
- Tuesday, 7 May
- Friday, 10 May
- Tuesday, 14 May
- Saturday, 18 May
- Saturday, 25 May (Bank Holiday weekend)
- Monday, 27 May (Bank Holiday weekend)

Conclusion: The car park is generally adequate, but it is very likely to be overcrowded on Saturdays and Bank Holidays, especially in good weather.

# Questions for discussion

- What impact does the full car park have on local businesses?
- Are there flexible solutions (e.g. temporary overflow car park, workers car park)?
- Do the 23 all day ticket owners work in Crickhowell?
- If so, why aren't they buying permits?