

DfT EScooter Trial Presentation

- 9. Somerset West and Taunton, Department for Transport
Escooter Trial**

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Somerset West and Taunton Department for Transport Escooter Trial

Sue Tomlinson, Programme Manager

Franc Parreira, Project Officer

Will O'Brien, Zipp Mobility

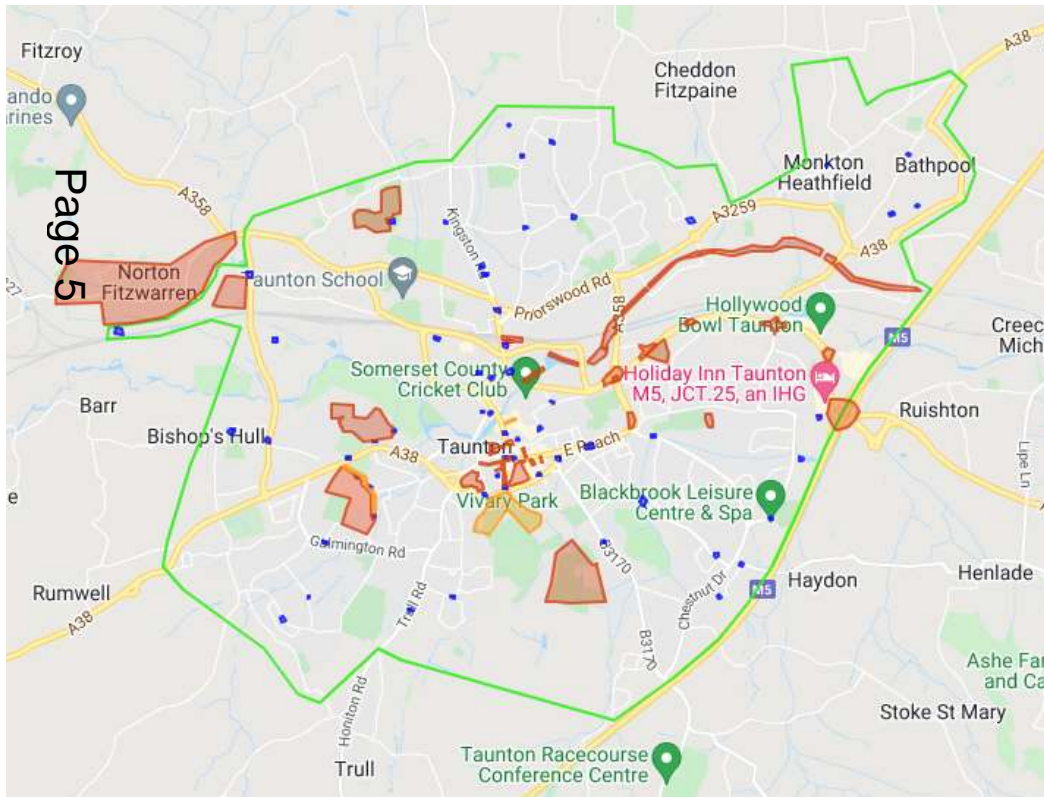
Trial Background

- Rental scooters legalised July 2020
- Support 'green' restart of local travel during the pandemic
- Data capture to inform decision making regarding future legislation
- 31 live Local Authority trials
- Procurement process to appoint an scooter operator
- Zipp manage the SWT scheme in Taunton and Minehead
- Scooters classified as a motor vehicle
- Users must be 16+ with a provisional/full driving licence
- Taunton started October 2020 and Minehead started June 2021
- Trial end date 30 November 2022

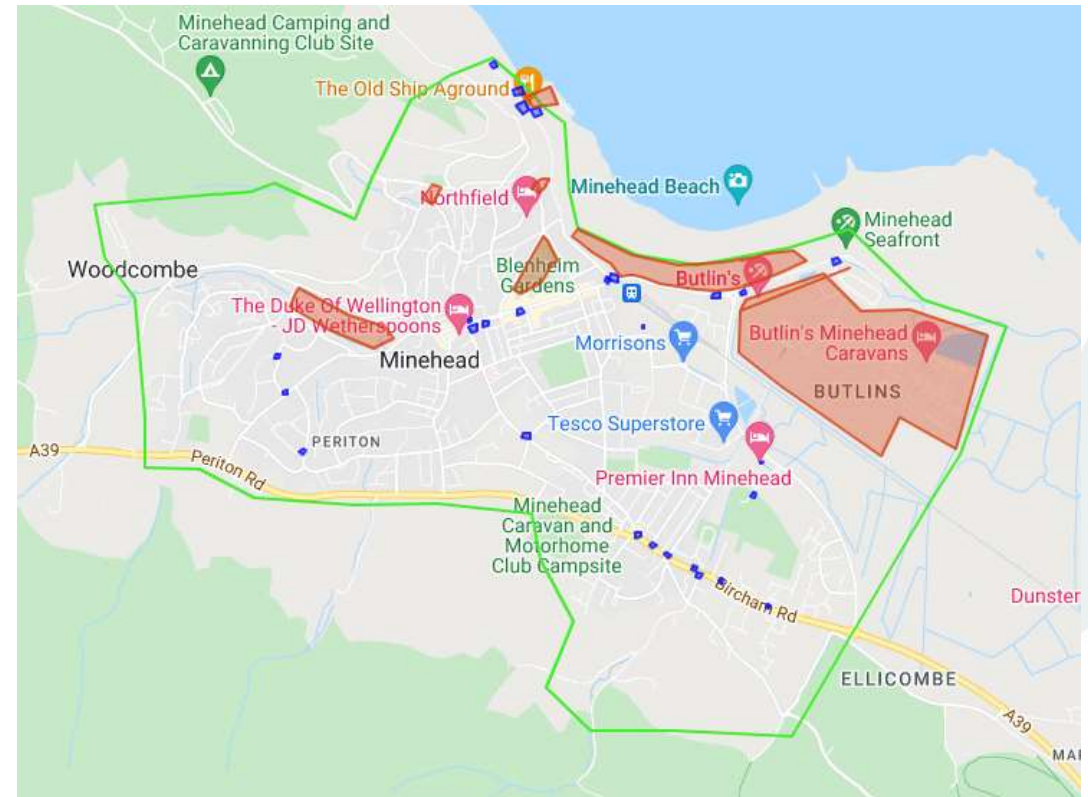


How the Scheme Works (Service Areas)

Taunton



Minehead



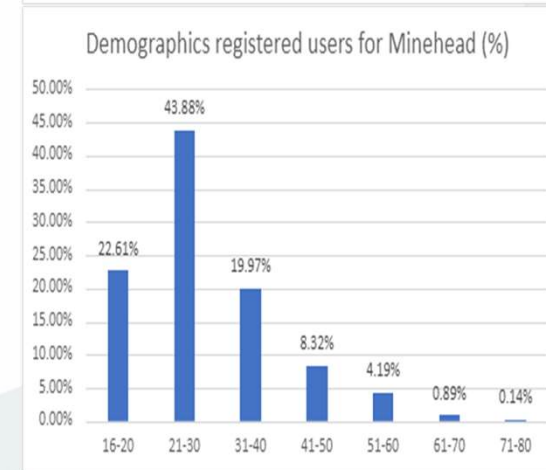
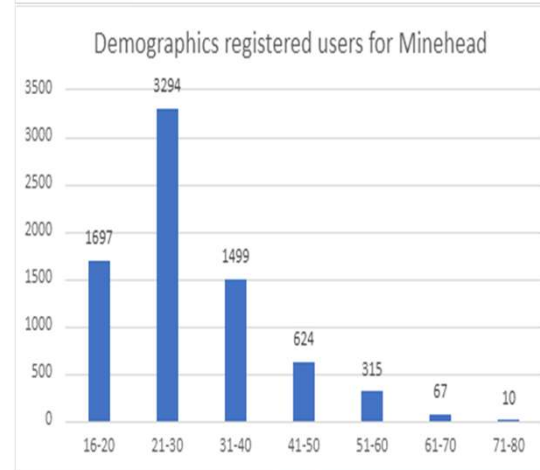
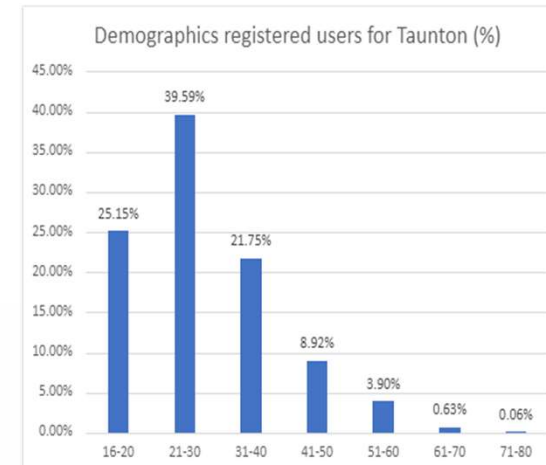
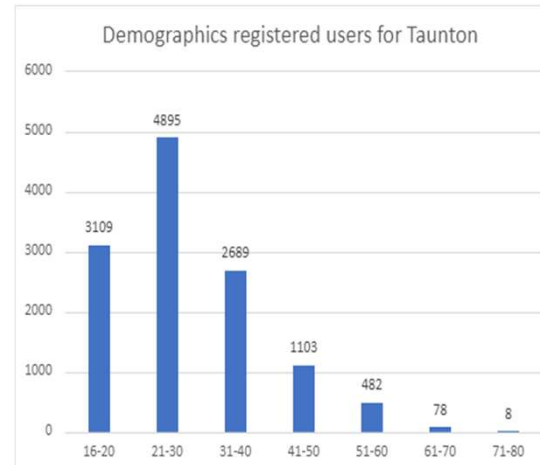
Escooter Usage To Date

Weekly Stats from Zipp up to 8th May 2022

	Taunton	Minehead
Registered Users	12,364	7,506
Total Number of Rides	92,618	19,550
Total Distance Travelled	182,003 miles	30,458 miles
Average Trip Length	2.08 miles	1.68 miles
Average Trip Duration	00:15:37	00:16:14
Average Speed	7.98 mph	6.23 mph
Total Time Spent on Scooters	24,114 hrs	5,287 hrs

Age of Riders (Number and Percentage of Rides)

	Taunton Scheme Started 30 October 2020		Minehead Scheme Started 5 June 2021	
Age Range	Number of Riders	Percentage of Riders	Number of Riders	Percentage of Riders
16-20	3109	25.15%	1697	22.61%
21-30	4895	39.59%	3294	43.88%
31-40	2689	21.75%	1499	19.97%
41-50	1103	8.92%	624	8.32%
51-60	482	3.90%	315	4.19%
61-70	78	0.63%	67	0.89%
71-80	8	0.06%	10	0.14%
Totals	12,364	100%	7,506	100%



Age of Riders (Top Ten Users and Users Aged 16)

Top Ten Users

Rank	Taunton Scheme Started 30 October 2020		Minehead Scheme Started 5 June 2021	
	Age of User	Number of Rides	Age of User	Number of Rides
1	28	306	21	387
2	46	277	18	301
3	39	261	31	185
4	21	260	17	180
5	35	254	56	142
6	21	237	35	137
7	18	229	18	126
8	23	214	19	120
9	29	205	17	116
10	21	203	35	114

Users Aged 16

Whilst the minimum legal age to ride an escooter is 16 the number of registered users at that age is very low.

- 150 in Taunton
- 1.21% of all Taunton users
- 23 in Minehead
- 0.31% of all Minehead users

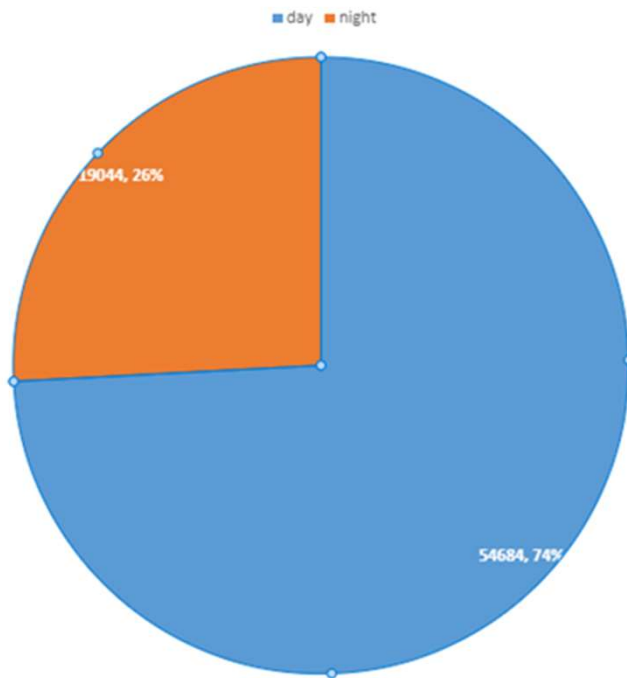
The number of rides for those users is also very low.

- 1,609 in Taunton
- 1.74% of all rides for Taunton
- 135 in Minehead
- 0.69% of all rides in Minehead

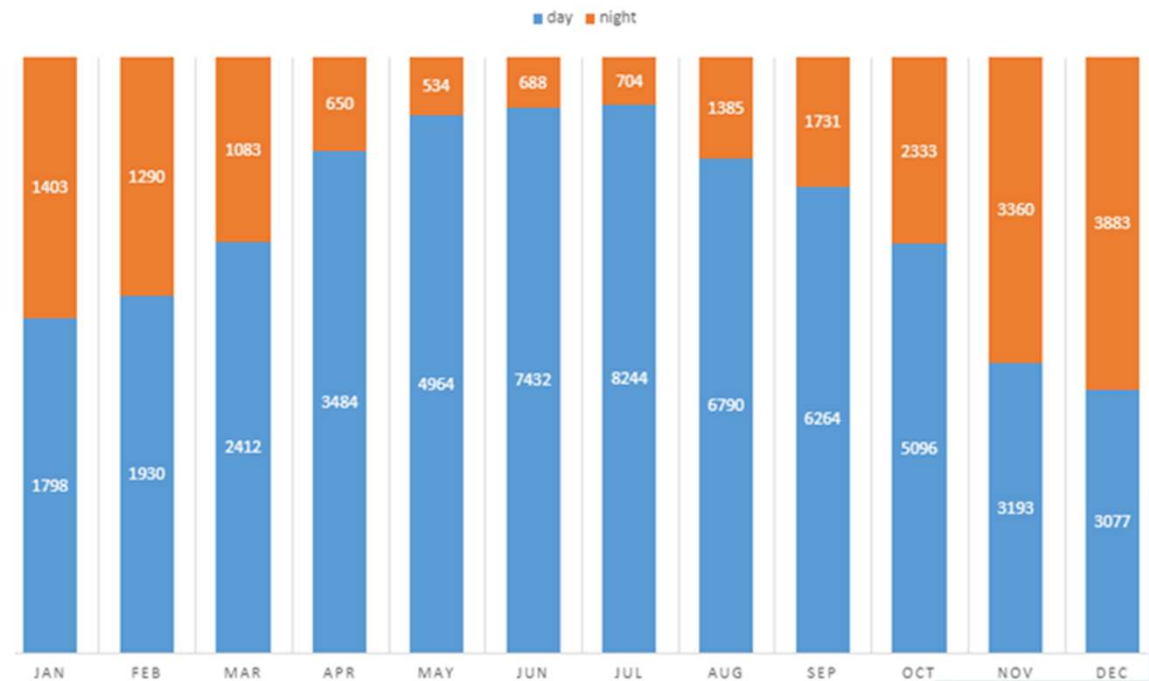
Day and Night Time Usage During 2021

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TOTAL RIDES 2021



AFTER DARK RIDERSHIP 2021

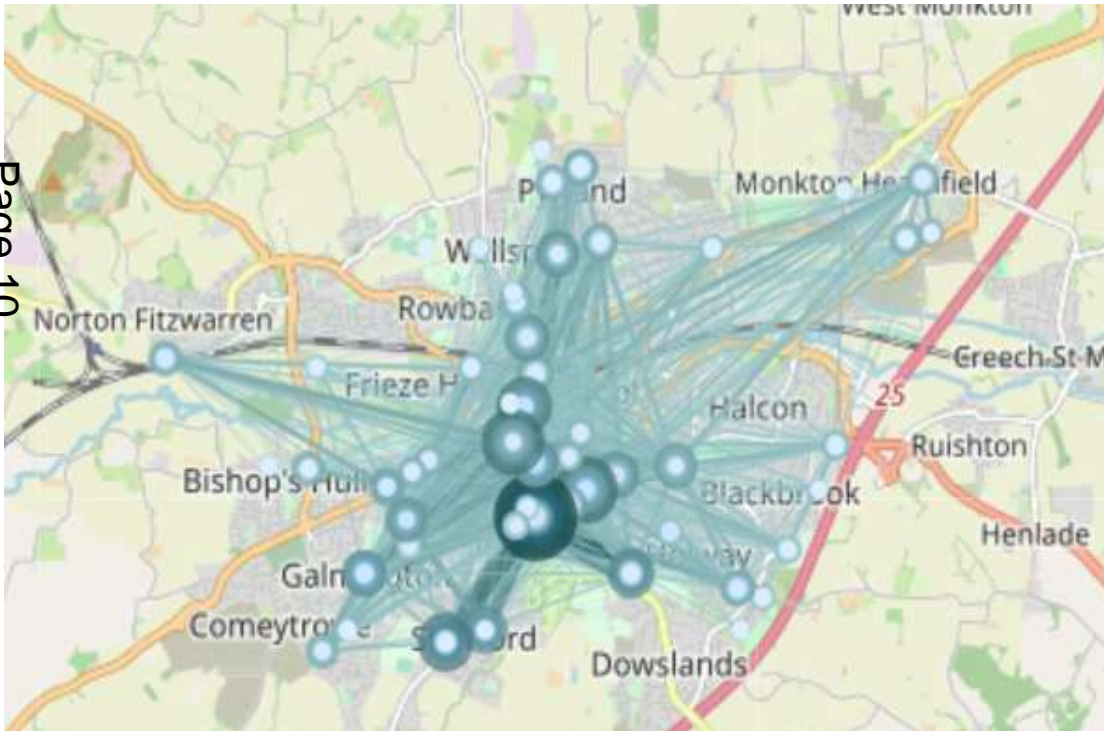


- Operating hours were 6:30am to 10:30pm, now 5:00am to 10:30pm
- Daylight hours from WorldData information website
- Daytime rides 54,684 which was 74% of all rides
- Night-time rides were 19,044 which was 26% of all rides

Somerset West
and Taunton

Parking Bays and Journey Flow (Taunton)

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57 Parking Bays

Wood Street Car Park to Wood Street Car Park	579
Upper High Street to Upper High Street	397
Pippin Rd 2 to Pippin Rd 2	358
Station / Belvedere Road to Station / Belvedere R...	270
Taunton Football Club to Taunton Football Club	237
Hair Academy to Hair Academy	235
Priory Avenue to Priory Avenue	232
North Street to North Street	229
Galmington Rd to Galmington Rd	224
QueensWay to QueensWay	217
St. Andrew's Road to St. Andrew's Road	204
Bridgwater & Taunton College 2 to Bridgwater & ...	194
Great Western Way to Great Western Way	188
Ladymead road to Ladymead road	188
Wellsprings Rd to Wellsprings Rd	183
Richard Huish College to Richard Huish College	166
George Street to George Street	164
Sherford Road to Sherford Road	162
Lyngford Park to Lyngford Park	154
Billet Street to Billet Street	150

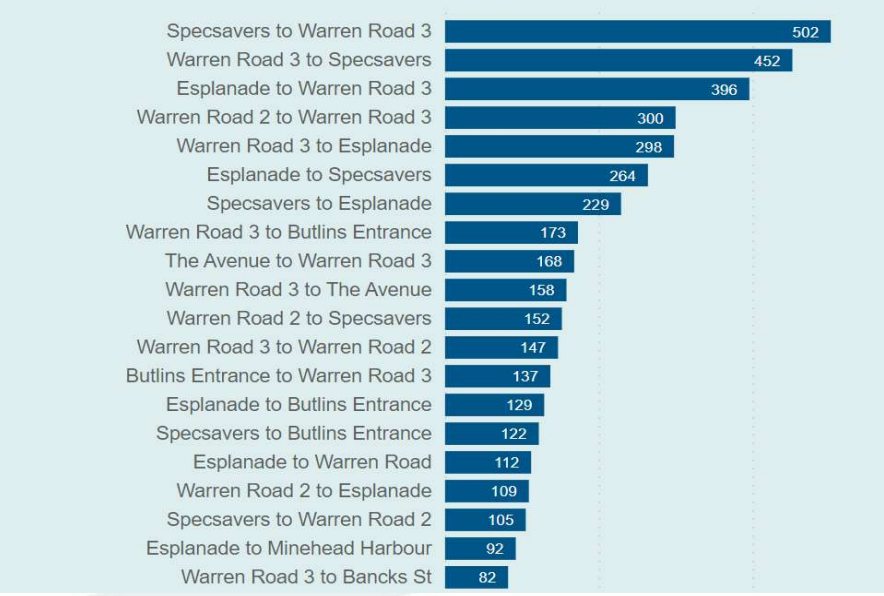
Upper High Street to Richard Huish College	273
Upper High Street to Trull Rd	232
Taunton Warehouse to Galmington Rd	186
Wood Street Car Park to Musgrove Park Hospital 2	179
Station / Belvedere Road to Musgrove Park Hosp...	165
Trull Rd to Upper High Street	162
Upper High Street to Sherford Road	156
Taunton Warehouse to Taunton Football Club	148
Taunton Warehouse to Richard Huish College	143
Richard Huish College to Upper High Street	136
Station / Belvedere Road to Wellsprings Rd	133
Taunton Warehouse to Mountway Road	125
North Street to Station / Belvedere Road	124
Taunton Warehouse to Bridgwater & Taunton Coll...	124
Wood Street Car Park to Mountway Road	122
Sherford Road to Upper High Street	120
St. Andrew's Road to North Street	118
Station / Belvedere Road to North Street	118
Hair Academy to Taunton Football Club	116
Taunton Warehouse to Musgrove Park Hospital 2	116

Parking Bays and Journey Flow (Minehead)

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27 Parking Bays



Carbon Savings – Data Collection Survey



Taunton Carbon Savings	
Total Miles	182.003
Emissions Per Mile	0.404 kg *
Average Distance Replacing Car Journeys	56%
Indicative Carbon Savings	41.4 Tonnes

Minehead Carbon Savings	
Total Miles	30,458
Emissions Per Mile	0.404 kg *
Average Distance Replacing Car Journeys	12%
Indicative Carbon Savings	1.4 Tonnes

DfT Data Collection Survey

Data used to calculate carbon savings

To Calculate Indicative Carbon Savings

Data for all rides where the user said they would have taken a car if they had not used an Escooter

- Taunton 41.4 Tonnes
- Minehead 1.4 Tonnes

15% of rides have replaced a private car journey

*0.404kg comes from the United States Environmental Protection Agency

Changes During the Trial

Zipp Safety

- ⚡ Users must be over 16 years old & have a valid driver's licence
- ⚡ Do not use scooters under the influence of drugs or alcohol.
- ⚡ 1 person per scooter at a time.
- ⚡ Users must park in the designated bays.
- ⚡ Do not ride on pavements.
- ⚡ Wear a helmet.
- ⚡ Zipp



- Learnings from early trials
- Operating hours
- Registration numbers
- Safety stickers
- Street signage
- Promotions (NHS, world car free day, 1, 7 and 30 day passes)




Incidents and Accidents – Monthly Stats From the Police

Month	Year	Taunton Scheme Started 30 October 2020		Minehead Scheme Started 5 June 2021	
		Non-Trial Related	Trial Related	Non-Trial Related	Trial Related
November	2020	4	5	N/A	N/A
December	2020	3	3	N/A	N/A
January	2021	4	9	N/A	N/A
February	2021	10	1	N/A	N/A
March	2021	7	3	N/A	N/A
April	2021	12	0	N/A	N/A
May	2021	13	0	N/A	N/A
June	2021	23	0	2	1
		Taunton and Minehead		Taunton and Minehead	
Month	Year	Non-Trial Related		Trial Related	
July	2021	27		2	
August	2021	13		2	
September	2021	16		2	
October	2021	5		0	
November	2021	13		2	
December	2021	14		5	
January	2022	27		1	
February	2022	23		3	
March	2022	13		8	
April	2022	24		6	

Monthly stats from the police

- All calls for all scooter incidents
- Both trial and non-trial
- Wide ranging, majority incidental to the report
- Increase in March/April due to component theft

Zipp stats

- Final Warnings Taunton 43
- Final Warnings Minehead 25
- Bans Taunton 8
- Bans Minehead 1
- Insurance Reports Taunton 6
- Insurance Reports Minehead 1
- No insurance claims

Escooter Accident 17/05/22 - Confirmed Detail

- Incident involving a female pedestrian and an escooter
- Just one scooter involved, although there was another youth on foot
- Victim never lost consciousnesses and there was no pool of blood
- Escooter involved was a Zipp scooter
- Zipp have provided the police with information needed to make an arrest and interview the culprit.
- Possible due to the requirement for all users to register their driving license when they first sign up
- All rides are tracked using GPS and Geofencing
- Escooters are classified as a motor vehicle, as such they fall under the Road Traffic Act. This places the same responsibility on the rider to comply with all Road Traffic Act laws as any car or motorcycle user.
- The police have confirmed the rider has been identified, formally interviewed and reported for two offences
 1. Driving without due care and attention
 2. Failing to stop at the scene of an injury collision and failing to report the collision to police.
- Zipp have reported the accident to their insurers



"It is fortunate in a way that this was a Zipp scooter and not a privately owned one as the chances of identifying the rider would have been slim otherwise."

"I can only praise Zipp (particularly the Taunton branch manager). I was provided with very timely information to the riders identity and GPS data from his scooter, which ultimately left the subject with no choice but to admit his wrongdoing"

The Future for Escooters



Department
for Transport

The Queen's Speech, 10 May 2022 announced the Government's intention to introduce legislation on the future of transport as part of a Transport Bill.

Aims of the Transport Bill

- Create new regime for regulating micromobility
- Create a new, low-speed, zero-emission vehicle category
- Establish regulation ensuring safety for users, pedestrians, and other road users
- Implement new rules to include robust technical requirements and a set of requirements for users
- Give powers to local transport authorities to shape and manage rental operations, for pedal cycles, e-cycles, and scooters

Decision Making

- DfT will consult publicly before any regulations for scooters and the rental schemes are made
- There will be no final decisions until the Transport Bill becomes law

Trial Status

- Current regulations for rental scooters still apply
- Private scooters remain illegal to use on public roads
- Trials will continue to run until 30 November 2022
- No decision has been made about what will happen to trials after that date

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Questions?

