



**BRUXELLES MOBILITÉ**  
**BRUSSEL MOBILITEIT**

**SERVICE PUBLIC RÉGIONAL DE BRUXELLES**  
**GEWESTELIJKE OVERHEIDSDIENST BRUSSEL**

## **ERSCharter Webinar : e-scooters**

# **Shared freefloating micromobility regulations & results of e-scooter users' survey (summer 2019)**

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# 1. Shared freefloating micromobility regulations

Private investments in alternatives to cars are welcome

Support

Legal security

Level playing field

Uniformity

Efficiency

Regional framework

Combustion engines  
forbidden

Common good

1. Mobility
2. Public space management
3. Environment & public health
4. Road safety



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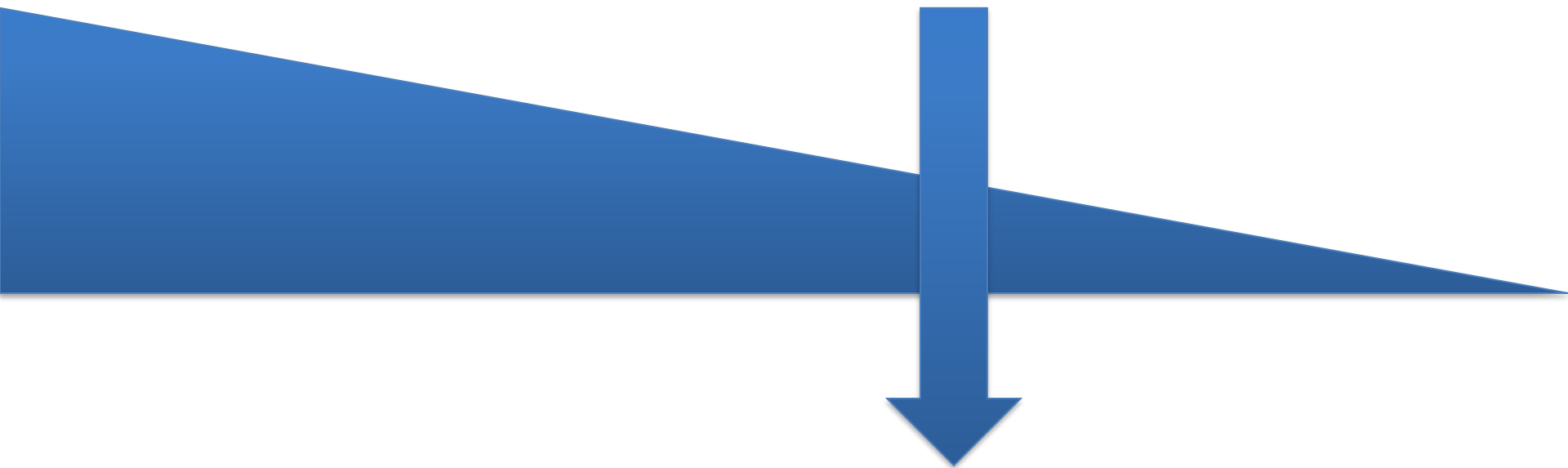
# 1. Shared freefloating micromobility regulations

Ban

Concession

License

Nothing



Open & balanced  
model



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# 1. Shared freefloating micromobility regulations

- **Ordinance (29/11/2018) and decree (17/01/2019)**
- **In effect since 01/02/2019 + transition period until 01/09/2019**
- **License based – requests made at Brussels Mobility**
- **Approach plan needed with :**
  - Type of vehicle + total amount
  - Operating zone
  - Deployment and collection method
  - Pricing
  - Estimated vehicle life expectancy + maintenance method + recycling method
  - Data share
  - GDPR compliance
  - ...



# 1. Shared freefloating micromobility regulations

## - Conditions for obtaining the license:

- Vehicle technical requirements (no combustion engine)
- Data sharing:
  - Real-time # of available vehicles
  - Quarterly report trip data, # users, # trips, # vehicles
  - Eventually contribution to open data/MaaS platform
- Insurance
- No advertising allowed (except for sponsors)
- Green electricity for vehicle charging
- GDPR
- Participation to satisfaction survey



# 1. Shared freefloating micromobility regulations

## - Operational conditions:

- 3 languages min (FR, NL, EN)
- No parking zones + concentration zones
- Max 5 day vehicle unavailability
- 24 h max delay for intervention or exponential fees, license suspension and, eventually, license withdrawal

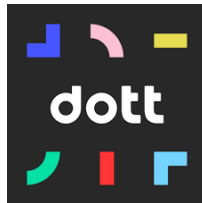
## - Control:

- 14 agents
- On public space, not private (railway stations, subway stations,...)
- « Fix my street » app



## 2. Current landscape

10 delivered licenses:



Approx. 4,000 scooters, 1,800 bikes and 950 mopeds



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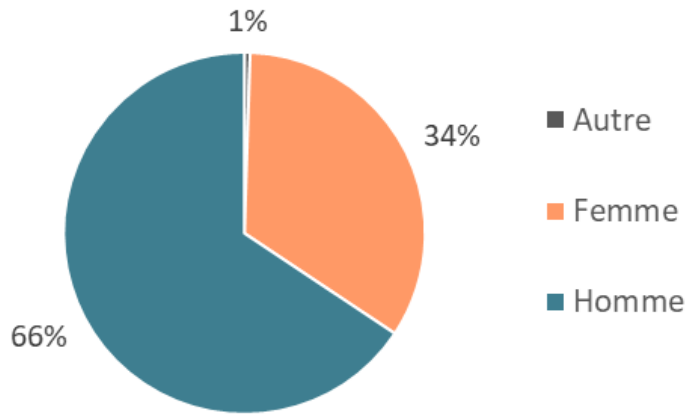
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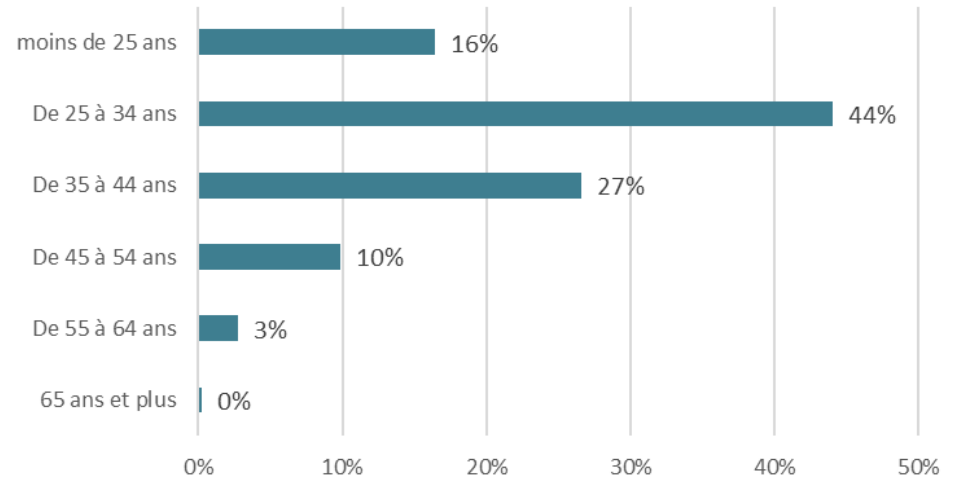


### 3. E-scooter users survey: who ?

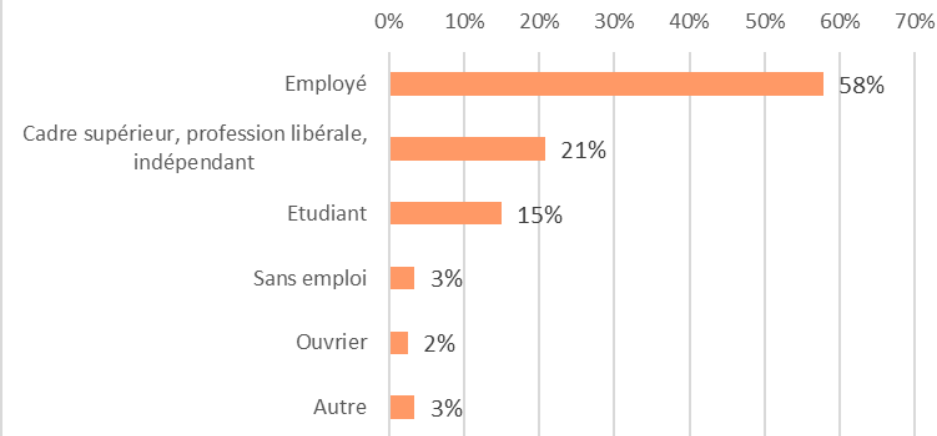
Genre des usagers de trottinettes (PIR = 1179)



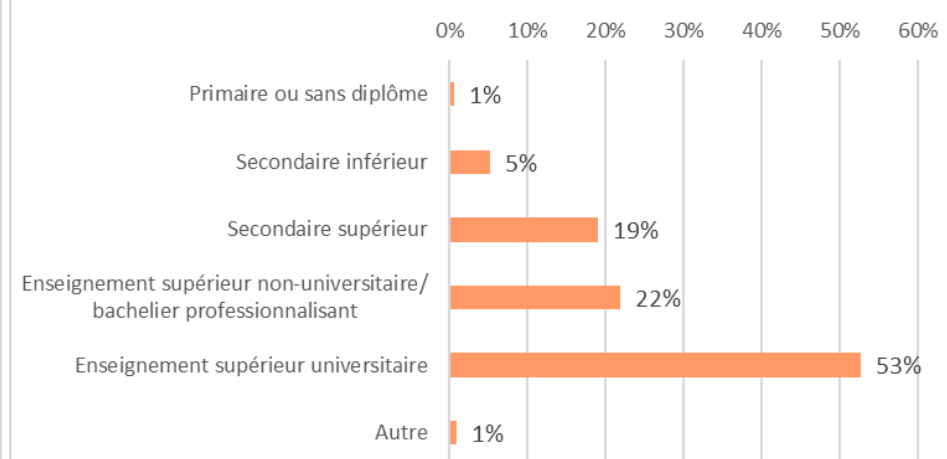
Catégories d'âge (PIR = 1155)



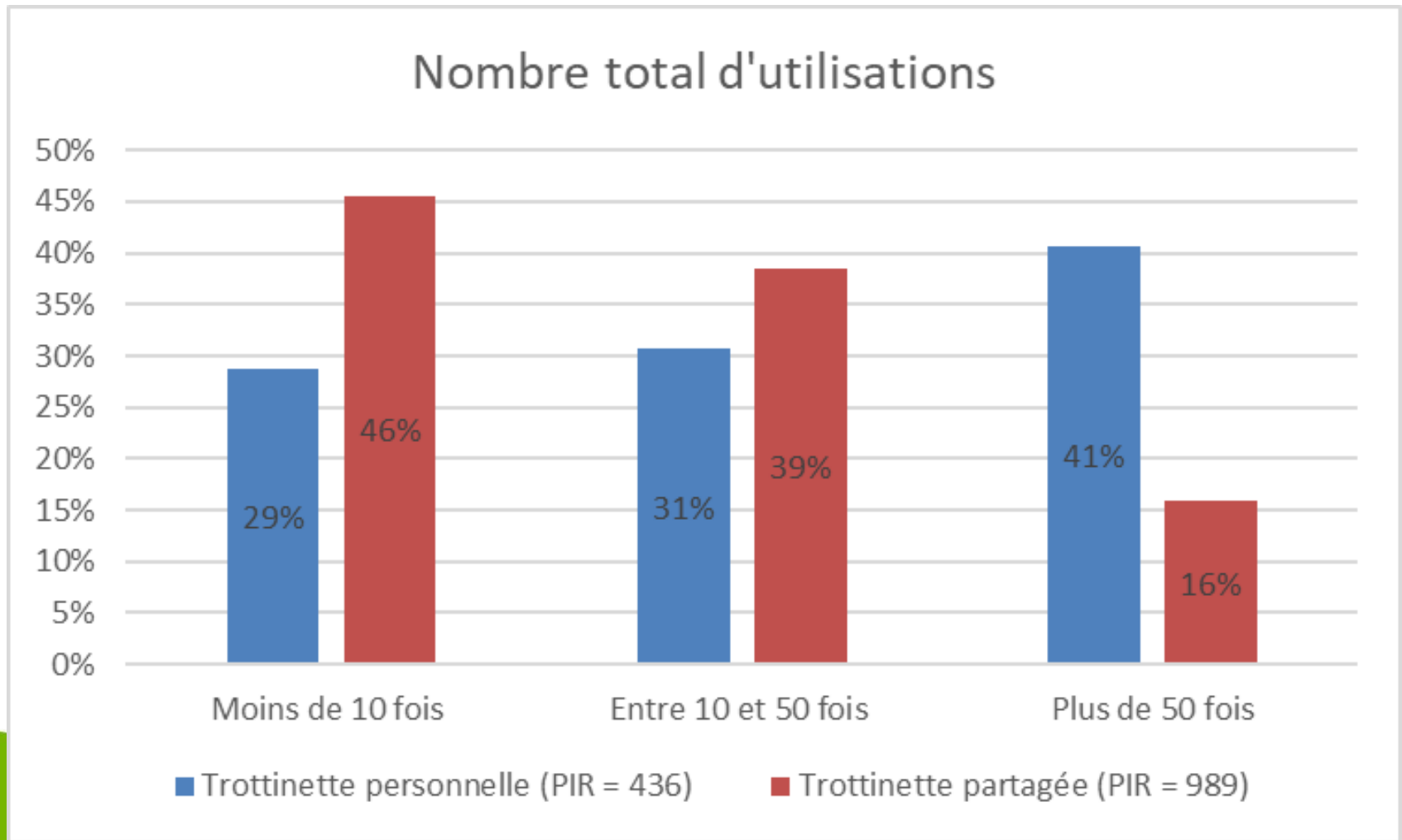
Situation professionnelle (PIR = 1176)



Niveau de diplôme le plus élevé obtenu (PIR = 1178)

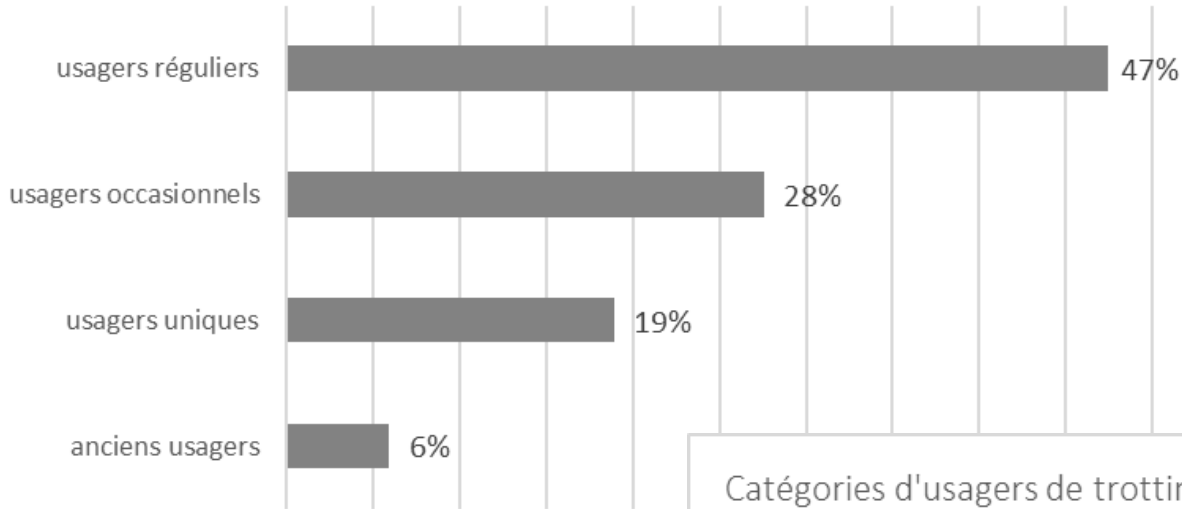


### 3. E-scooter users survey: experience

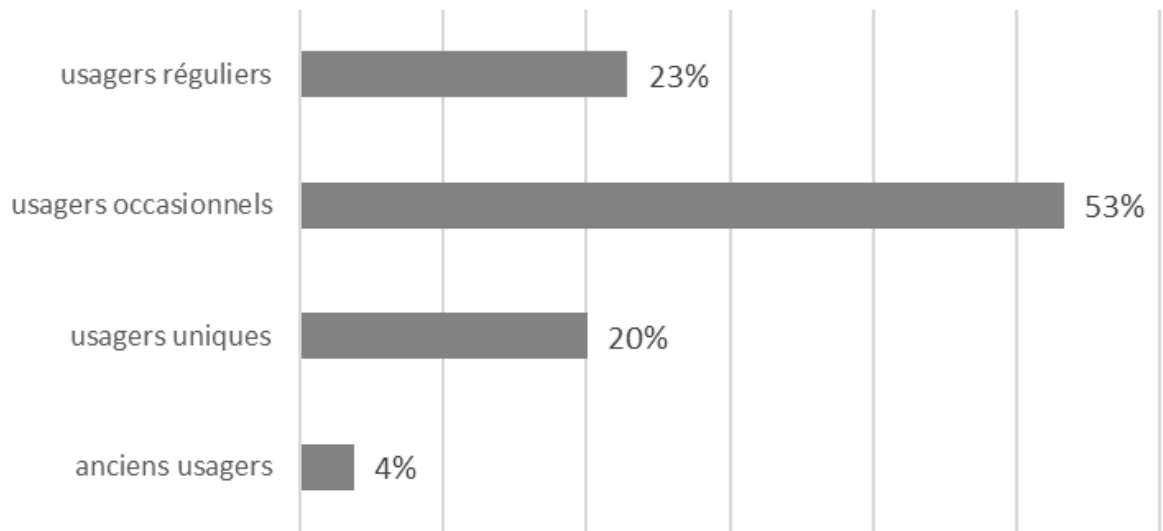


### 3. E-scooter users survey: frequency of use

Catégories d'usagers de trottinettes personnelles (PIR = 438)

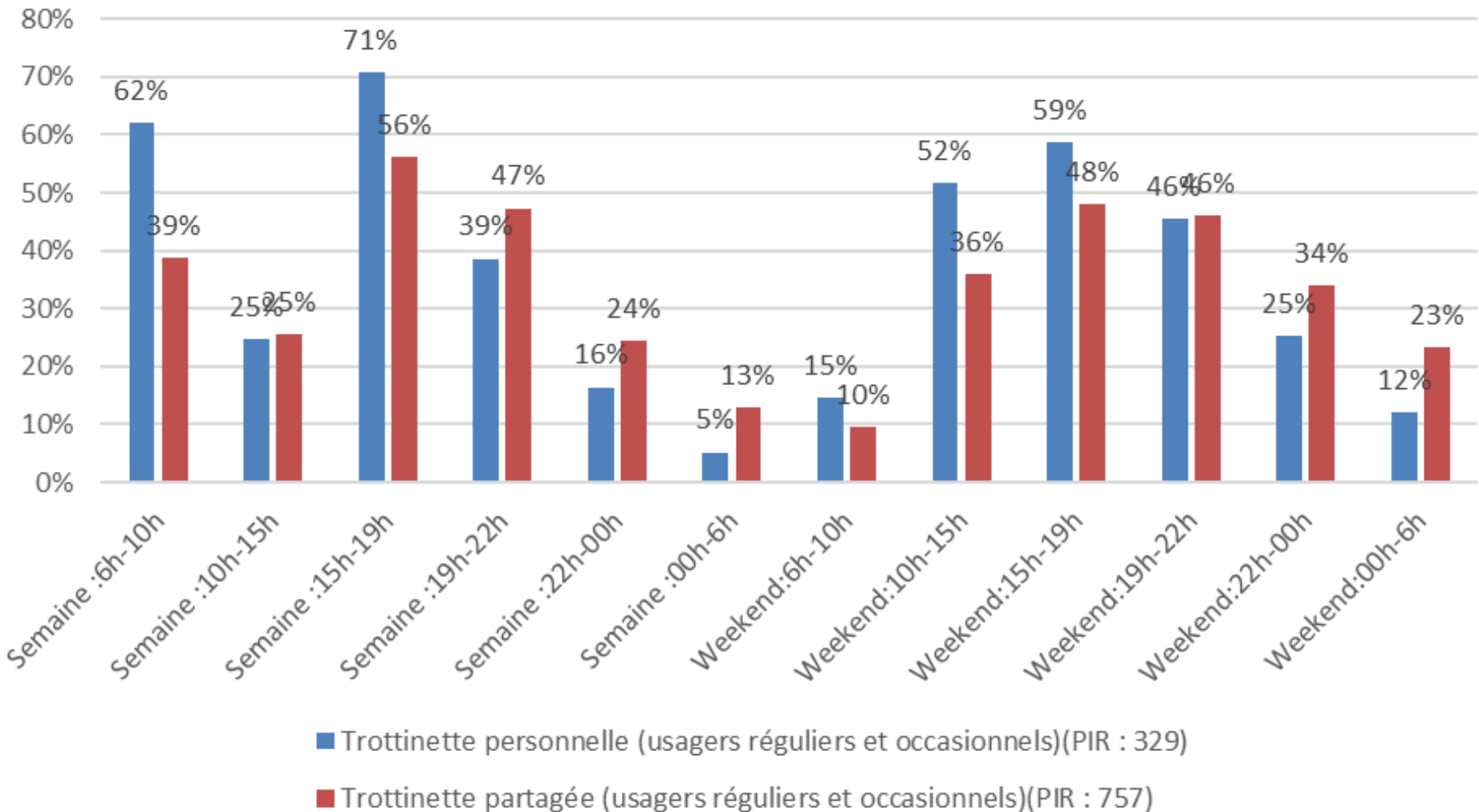


Catégories d'usagers de trottinettes partagées (PIR = 993)

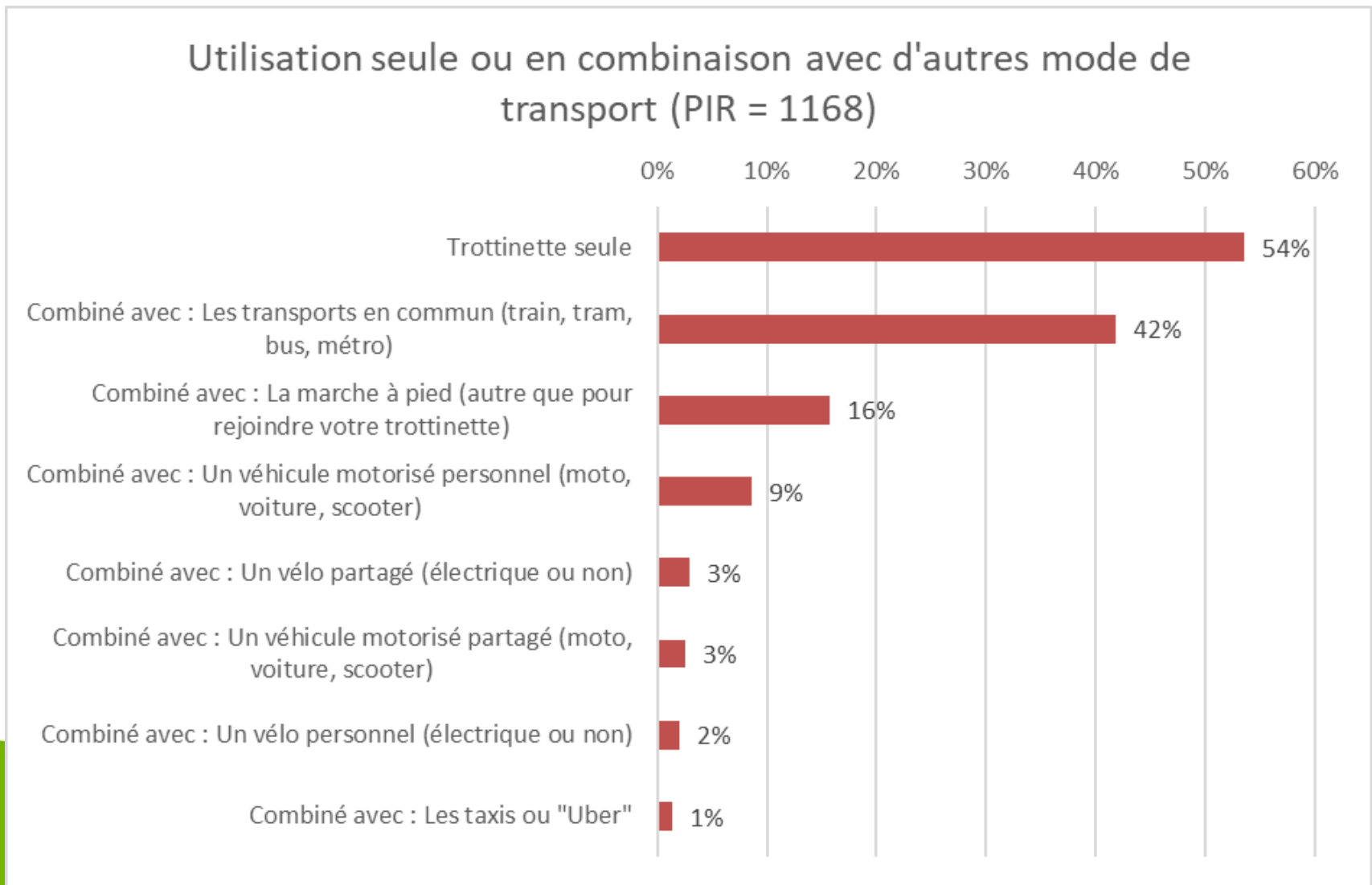


### 3. E-scooter users survey: when ?

Temporalité d'usage

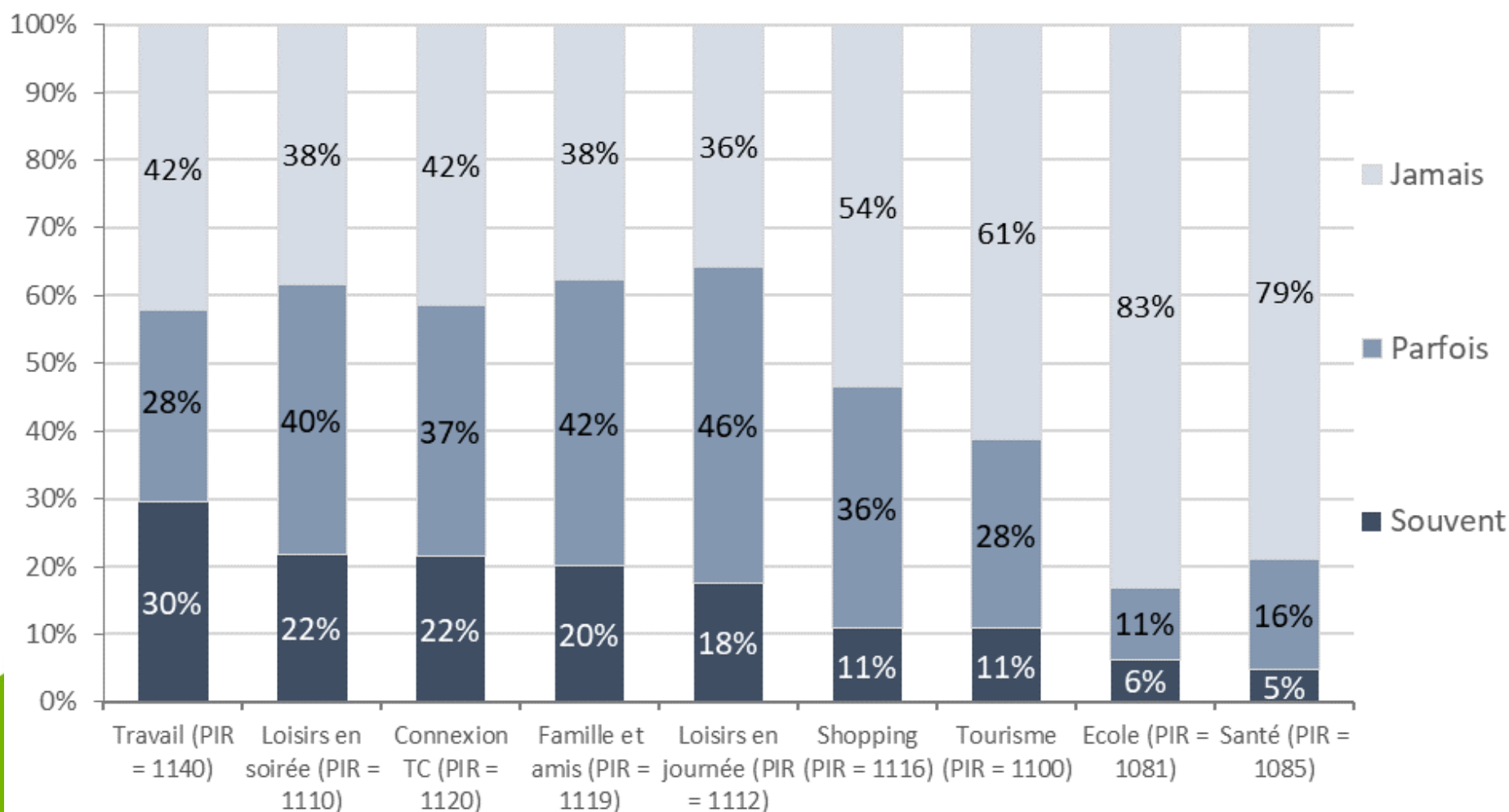


### 3. E-scooter users survey: how ?

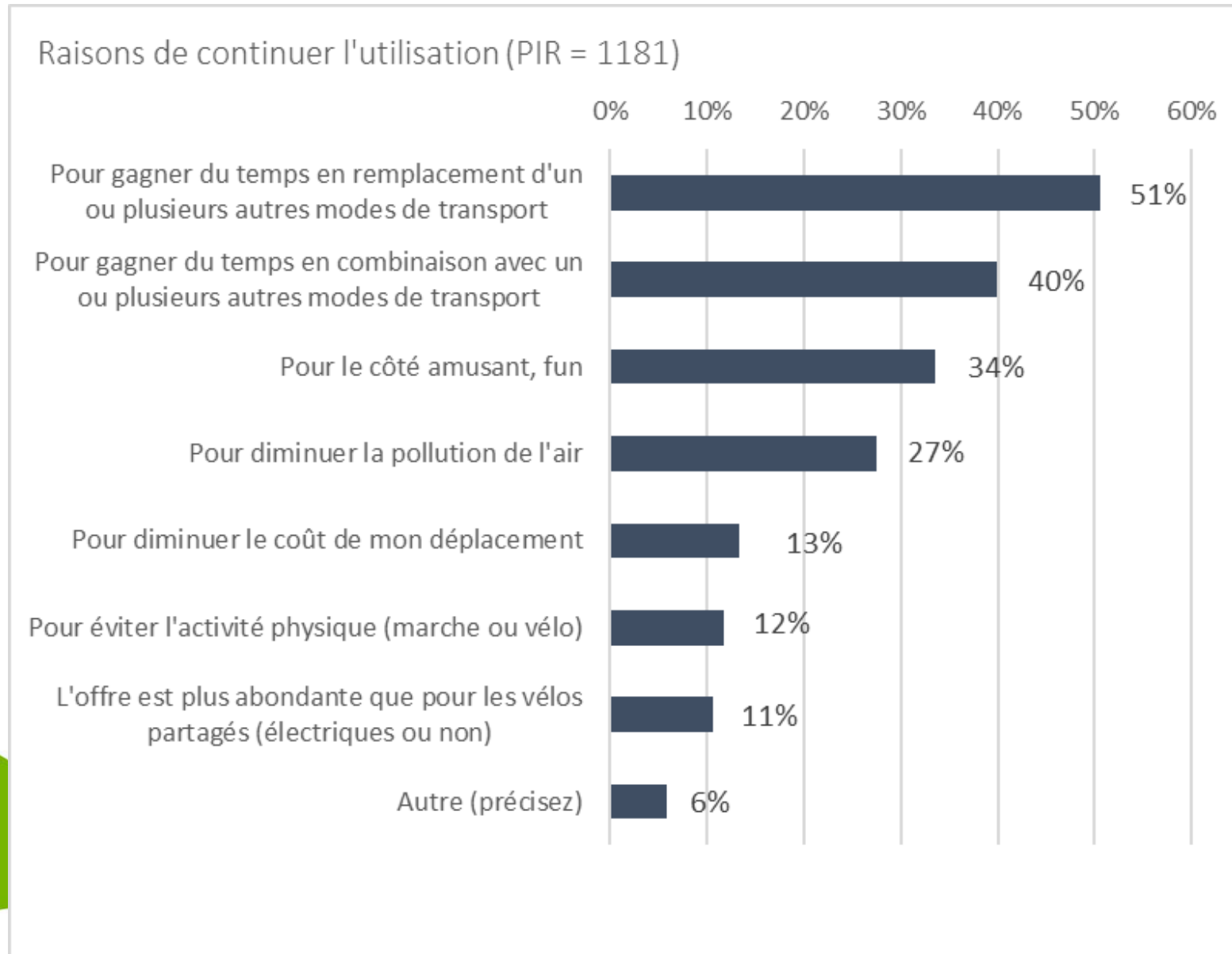


### 3. E-scooter users survey: why ?

Fréquence d'utilisation pour les motifs suivants :

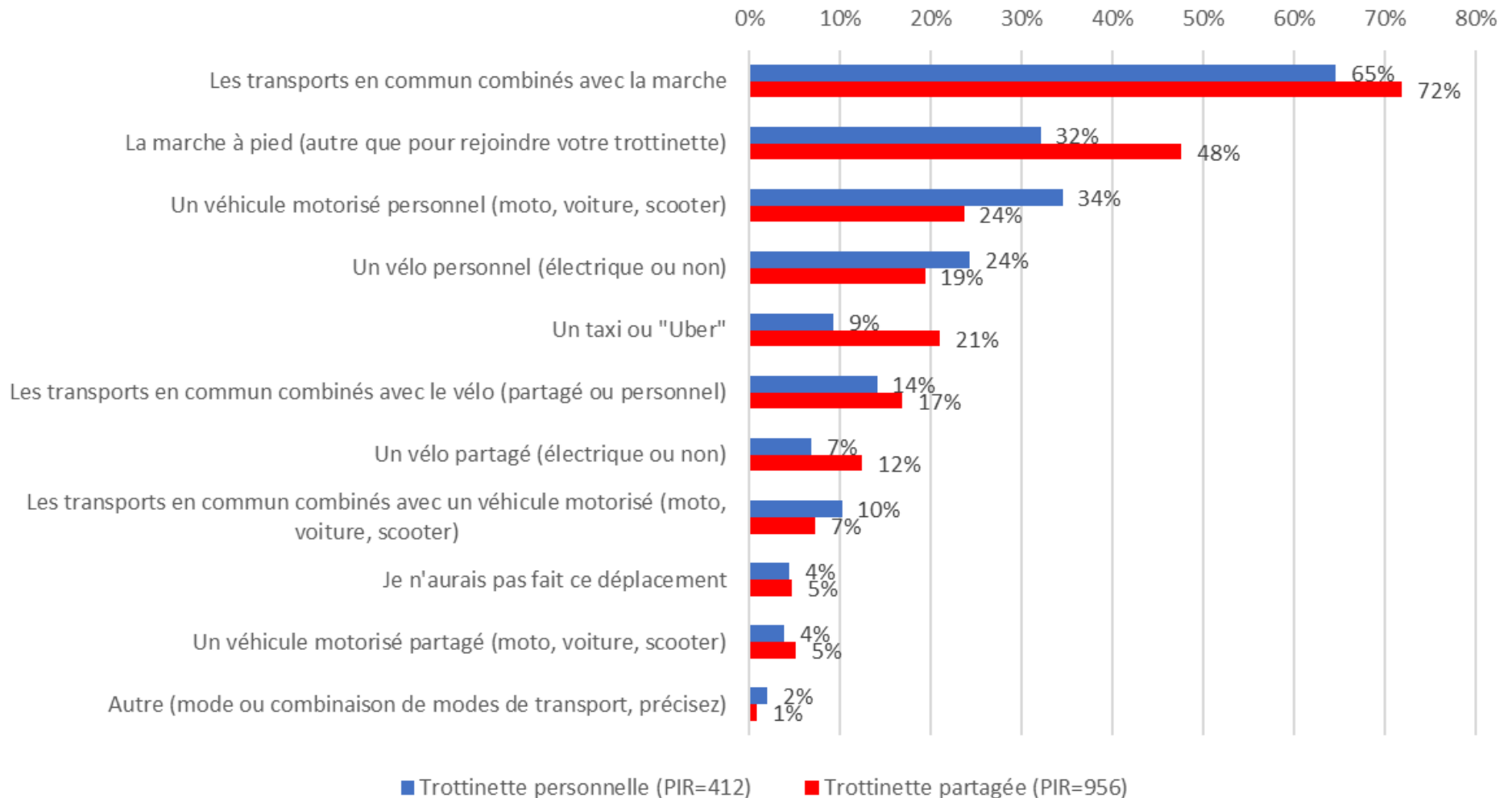


### 3. E-scooter users survey: why ?



### 3. E-scooter users survey: modal shift

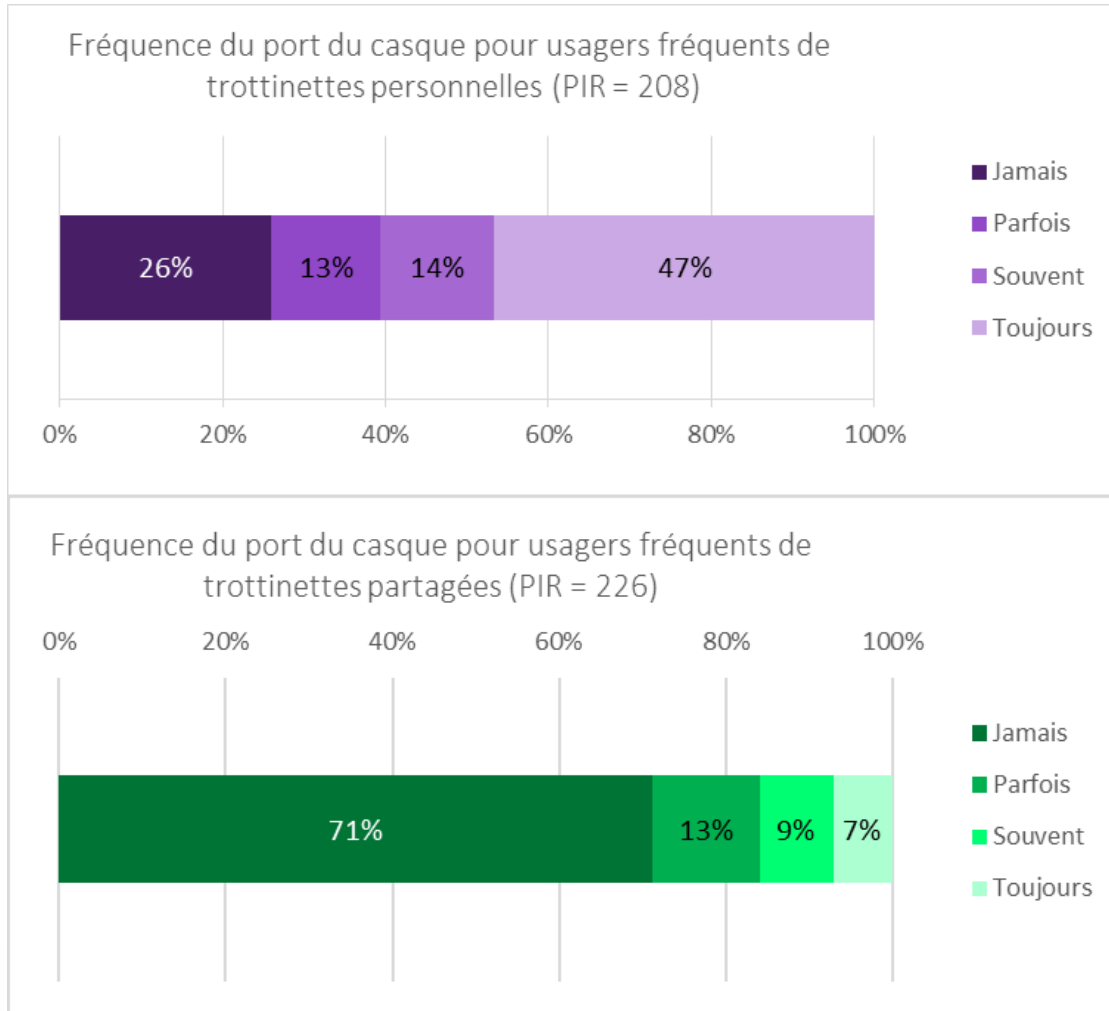
Modes de substitution





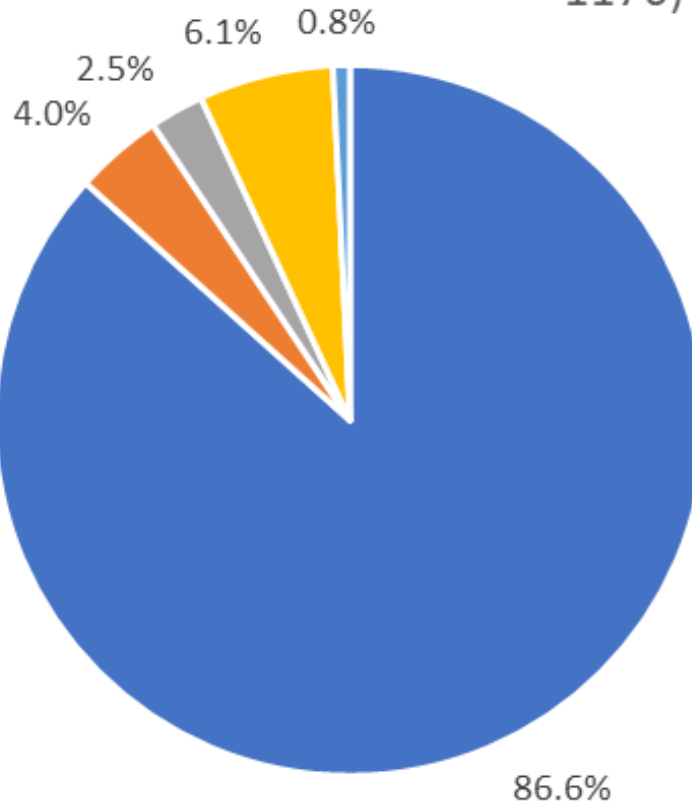
### 3. E-scooter users survey: helmet wear

- 65% of users never wear a helmet
- 16% of users always do



### 3. E-scooter users survey: accidentology

Avez-vous déjà eu un accident en trottinette électrique ? (PIR = 1176)



- Non
- Oui, un accident impliquant des dégâts corporels mais ne nécessitant pas une visite à l'hôpital/chez le médecin
- Oui, un accident impliquant des dégâts corporels nécessitant une visite à l'hôpital/chez le médecin
- Oui, un accident sans dégât matériel ni corporel
- Oui, un accident uniquement avec des dégâts matériels

### 3. E-scooter users survey: accidentology

