



EPL Mobile Hotspots

Program Update Jan 2024

Today

120 Franklin T-10 4G mobile hotspots

- 90 hotspot only
- 30 with tech kit

Device Costs

- \$60 purchase price
- \$120 annual fee for service

Anticipated 2024 Expenditure

- \$14,400 minimum
- \$18k-\$20k more likely

Your T10 Mobile Hotspot



Jan 2023

200 Inseego M2000 5G hotspots

- 170 hotspot only
- 30 with tech kit

Device Costs

- \$340 purchase price
- \$360 per year for service

Estimated 2023 Total Cost

- Device services fees = \$72,000
- 3rd party support = \$6,000

Actual 2023 Spend

- \$50,890



What changed in 2023?

200 devices was really 180

- Lost but still paying
- Cancelled managed service

180 quickly became 160 (long long overdue)

- T-mobile Portal self management
- Improved inventory control

160 began steady decline (cracked or damaged)



Free Hotspots! Sort of...

We're losing hotspots. Where do we get more?

Mobile Beacon for Nonprofits

- 11 'free' devices a year
- 4G with Franklin T-10 devices

The logo for TechSoup, featuring the word "tech" in black and "soup" in orange.

How well do they work?

- Refreshed Senior Tech Kits
- As Inseego 5G alternatives?

The logo for Mobile Beacon, featuring the word "mobile" in blue and "beacon" in orange, with a stylized signal icon above the "i" in "beacon".

Let's find out more

How often and where are they circulating?

- Are we achieving our goals

How are they being used?

- Data usage, majority less than 50GB/month

How many unique users?

- Could we serve everyone at same time

How many power users?

- Is use driven by a frequent few?

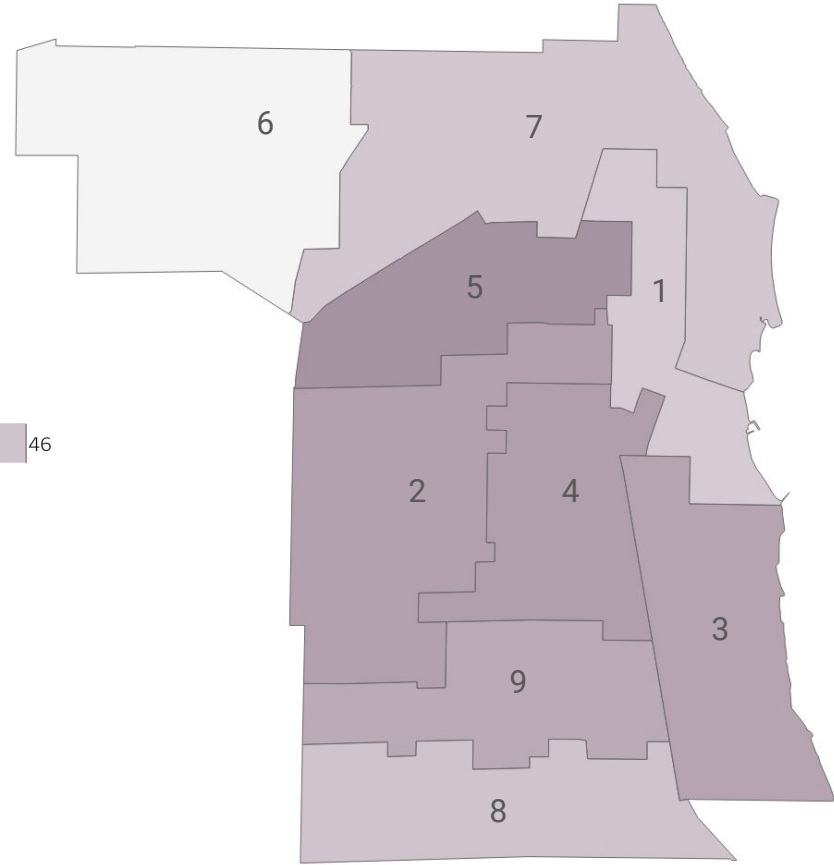
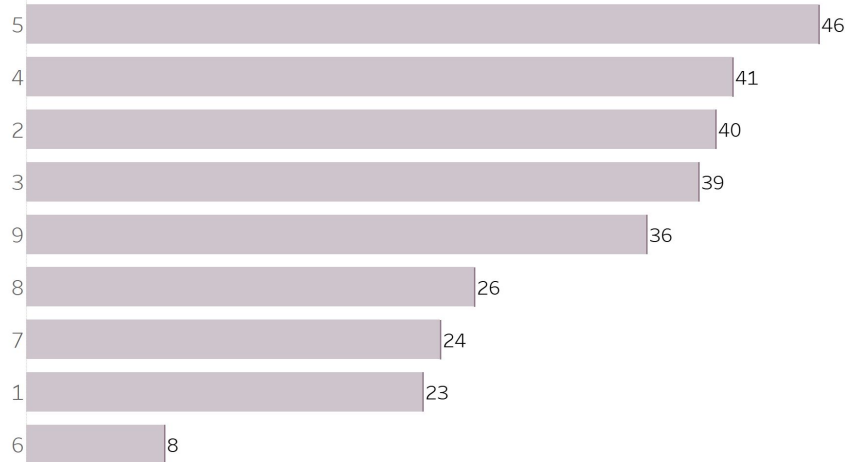
Do we need 5G devices?



283 unique users

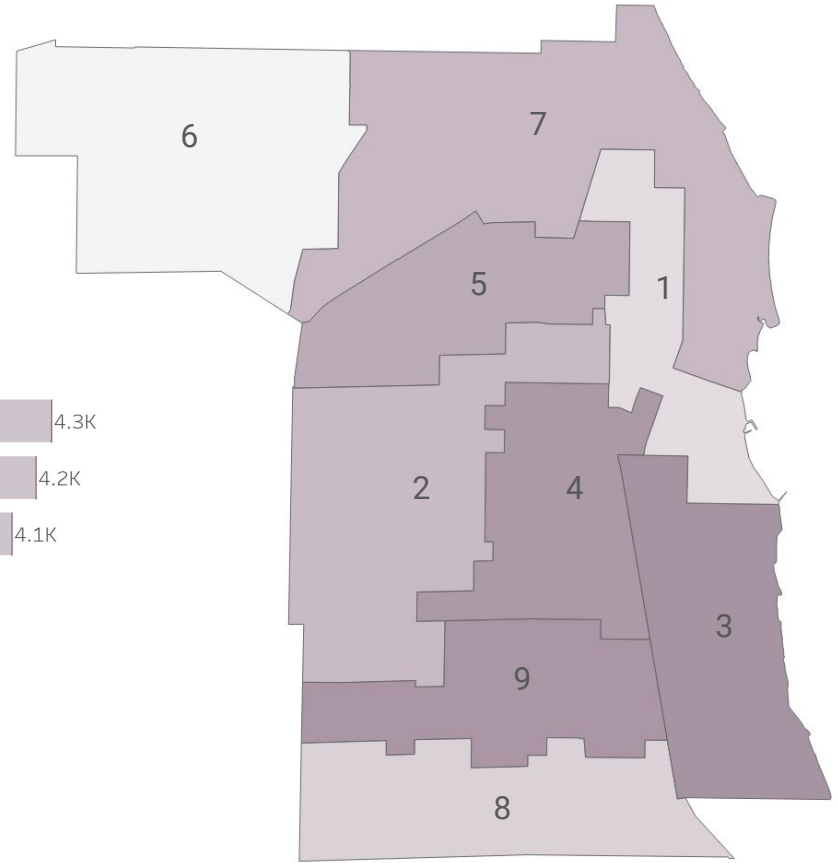
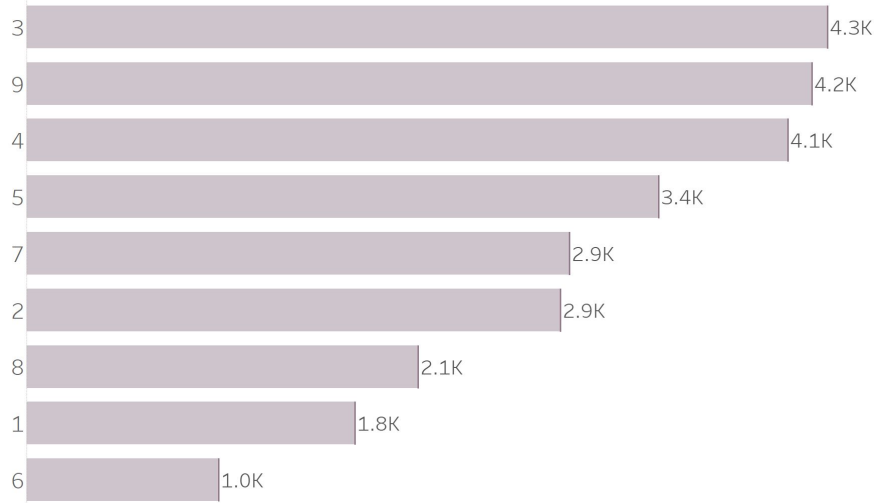
checked out a hotspot
in 2022.

The **5th Ward** had the highest
number of unique users



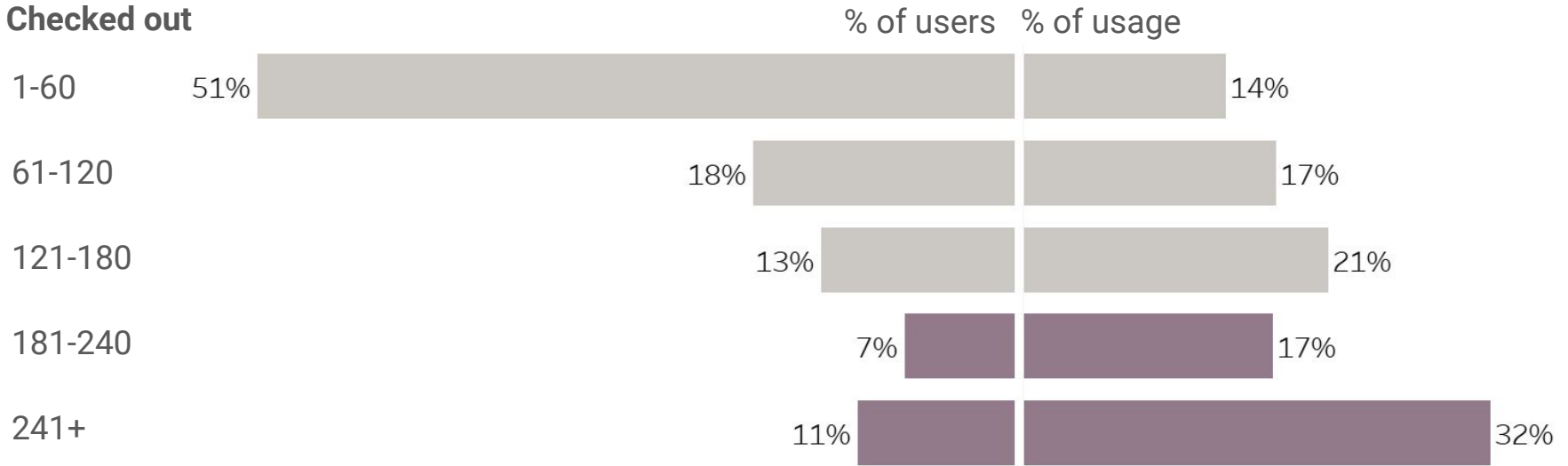
26.8K total days checked out

South Evanston users account for the most usage

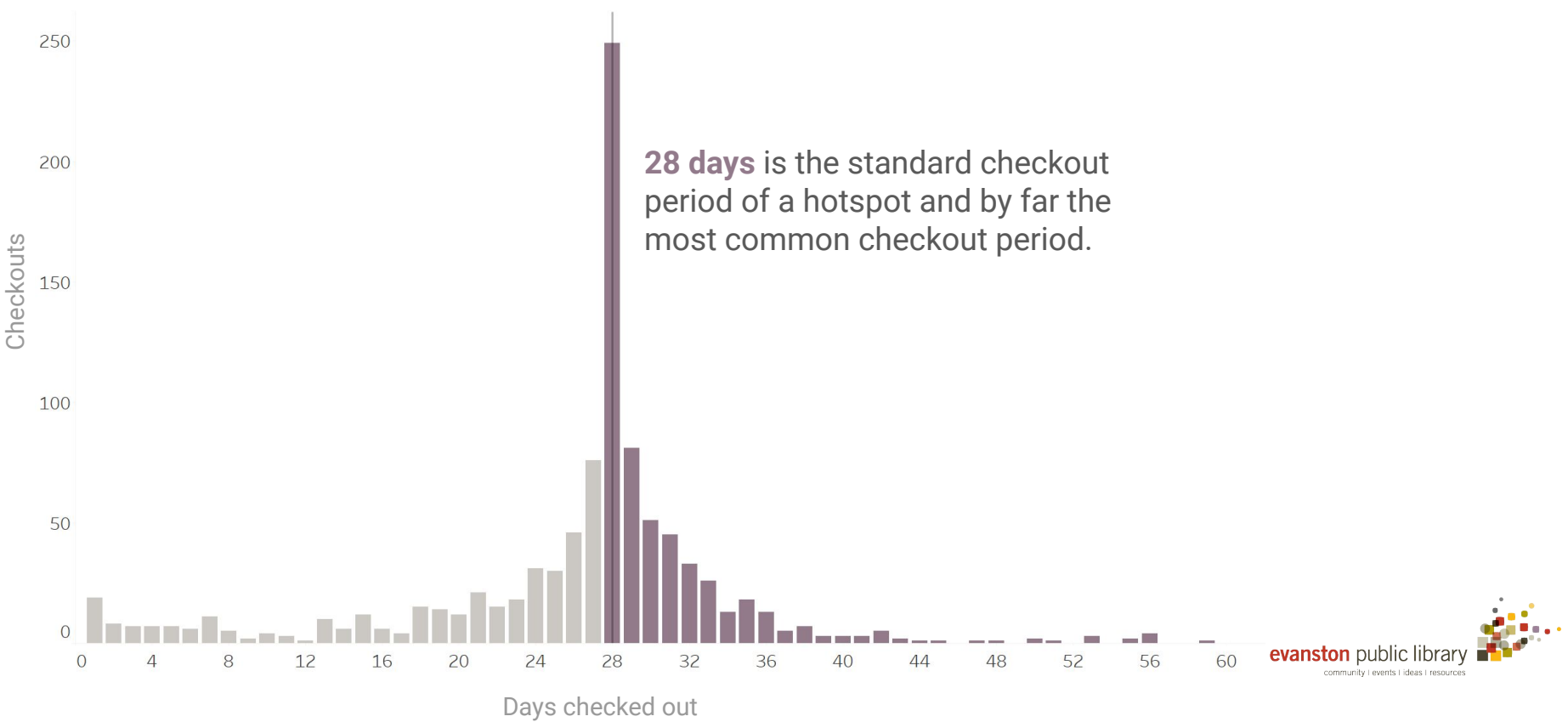


The top 18% of users account for almost 50% of hotspot usage.

Total days
Checked out



60% of users returned their hotspot exactly on time or late



Taking action

How many hotspots do we need?

- No less than 120
- Support power users and retain tech kits
- Need to plan for continued loss

Do we need 5G devices?

- Majority are not high data consumers
- 4G speeds still support most streaming

What can we afford to spend?

- Can we sustain \$50k+
- Do we replace aging chromebooks?

Back to Today

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- All from Mobile Beacon

Anticipated 2024 Expenditure

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Still pondering

- Non-holdable units for on demand use
- Longer loan period for power users
- Holds queue, size and wait time

Your T10 Mobile Hotspot

