Cristian Valeria

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Berlin Crimes

A DISTRICT ANALYSIS

THE QUESTION

1. What type of crimes are the most commons?

2.What districts of Berlin are the most dangerous?

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THE DATASET

The Dataset used in the study was provided buy the **Police Criminal Statistics (PKS)**

These reports show the **absolute number of cases** as well as the more comparable regional frequency numbers (cases per 100,000 inhabitants) for the 12 Berlin districts and 138 district regions (Locations).

DATA DESCRIPTION:

Data Size: **1550** rows, for each Location from 2012 to 2021.

Years: **2012 - 2021**

12 Districts

15 Crime Types

Values: absolute number of cases and absolute number of cases per capita (HZ)

THE QUESTION

1. What type of crimes are the most commons?

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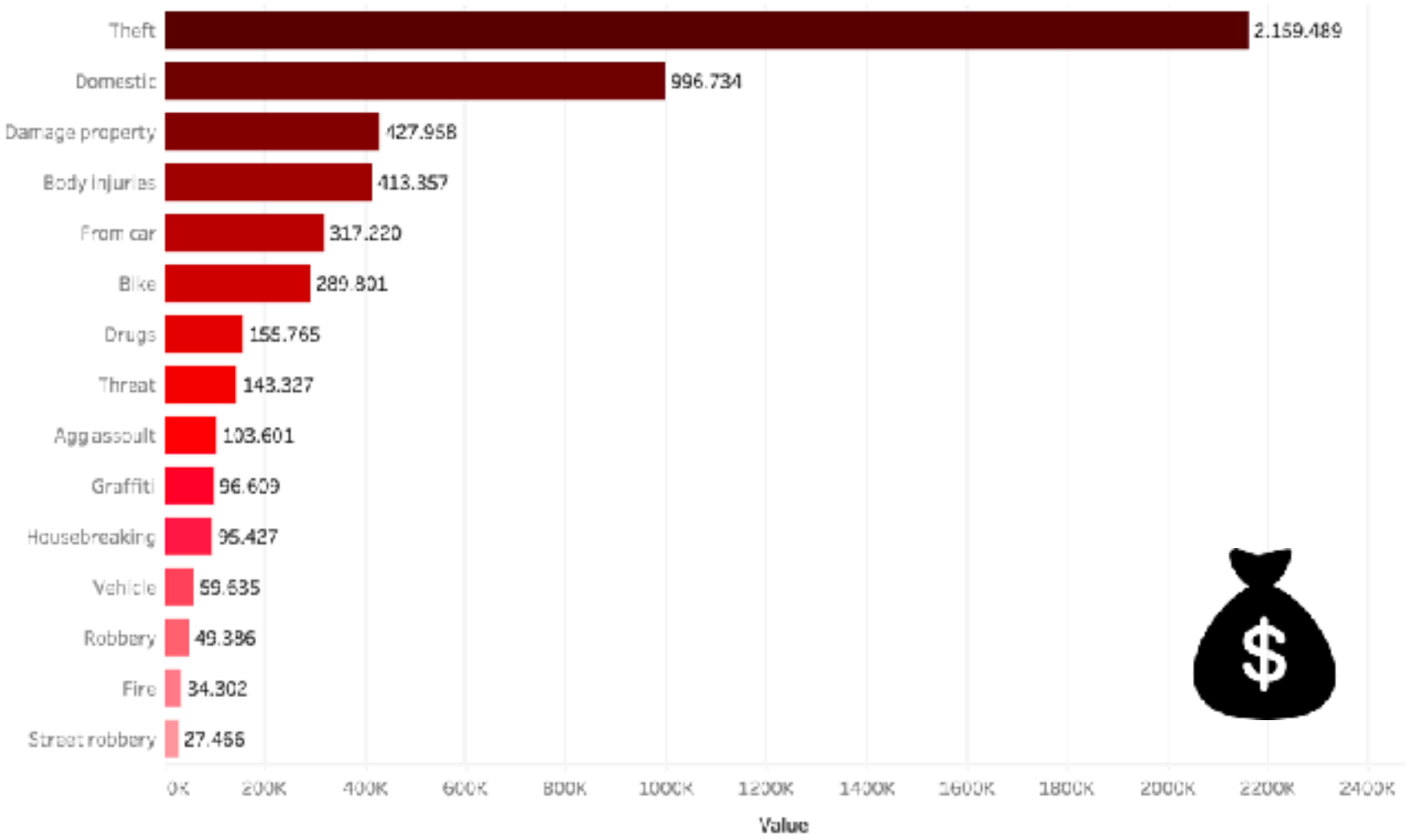
MOST COMMON CRIMES



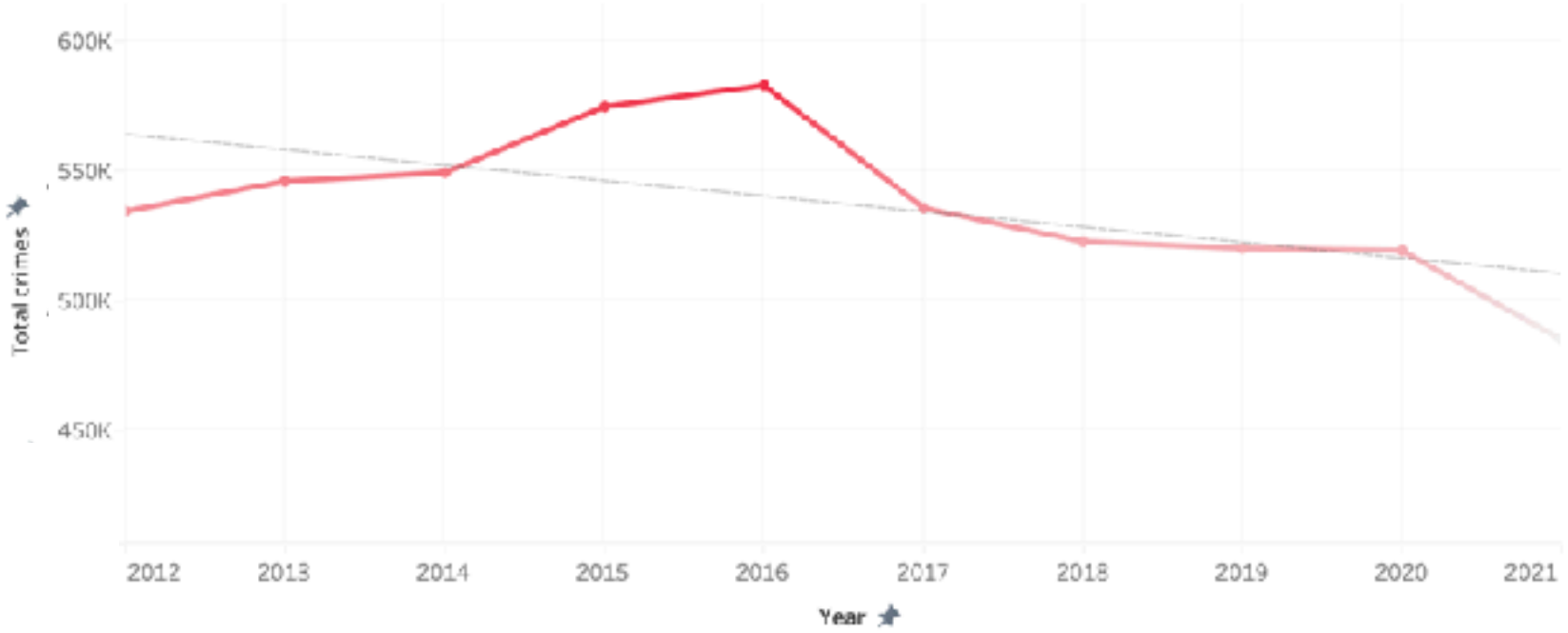
*sum of absolute cases from 2012 to 2021

Theft represent the 40% of the total crimes in Berlin.

80% of total crimes are represented by 5 categories: Theft, Domestic, Damage to property, Body injuries and Robbery from Car.

	total_crimes_p
Theft	0.41
Domestic	0.19
Damage_property	0.08
Body_injuries	0.08
From_car	0.06

CRIMES IN TIME

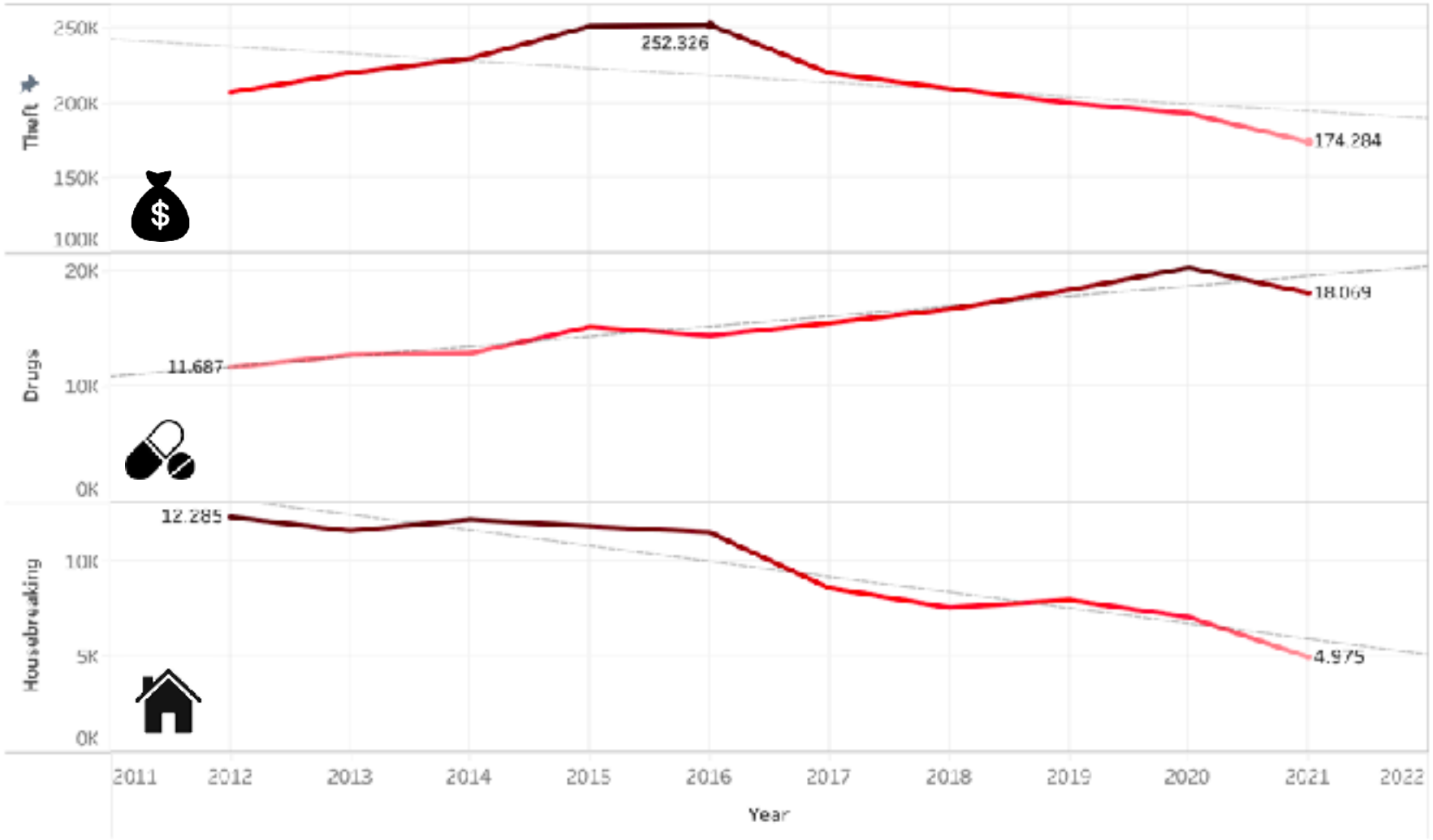


SUM Total crimes

484.611 583.166

2015 and **2016** were the years with more crime. Is not totally posible to define a tendency because 2020 and 2021 where highly affected by Covid-19.

CRIMES IN TIME



Is posible to see some tendencies in specific type of crimes. **Theft**, that is the biggest crime is being slowing down since the peak in 2016.

Other offenses like **Drugs** have being increasing on time, and other decreasing like **Housebreaking**, probably because of security house improvements.

Theft absolute cases
174K 252K

Drugs absolute cases
11.687 20.265

H.Breaking abs cases
4.975 12.285

THE QUESTION
2. What districts of Berlin are the most dangerous?
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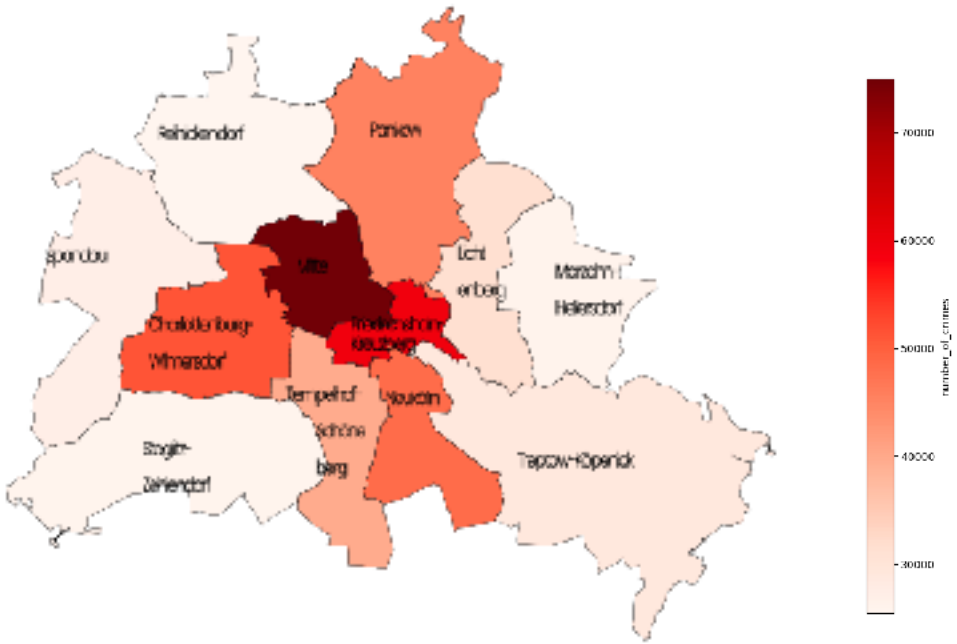
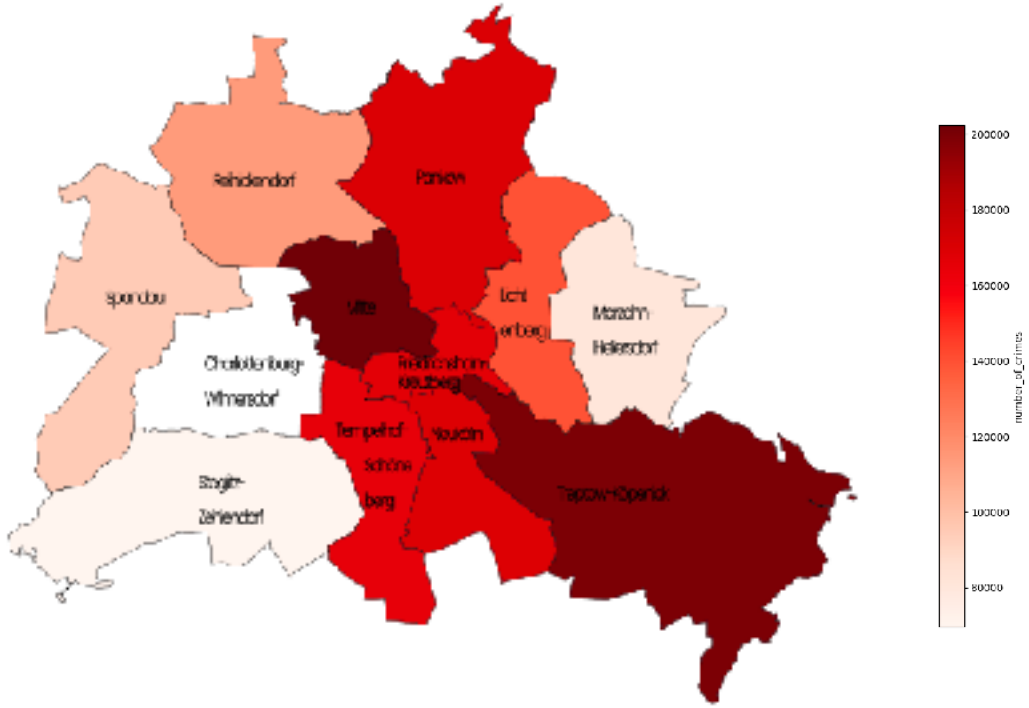
CRIMES PER DISTRICTS

Mitte is the district with more numbers of crimes of Berlin, with total of 202K crimes in 2021. Is the historic centre of Berlin and place for a lot of tourists. **Friedrichshain-Kreuzberg** is the second districts with more crimes with 199k crimes in 2021, with places like *Kottbusser Tor, Görlitzer* Park that have a big amount of crimes per capita. Some other cities like **Treptow-Köpenick** are higher in the rank when is analyzed per capita.

Total crimes 2021:

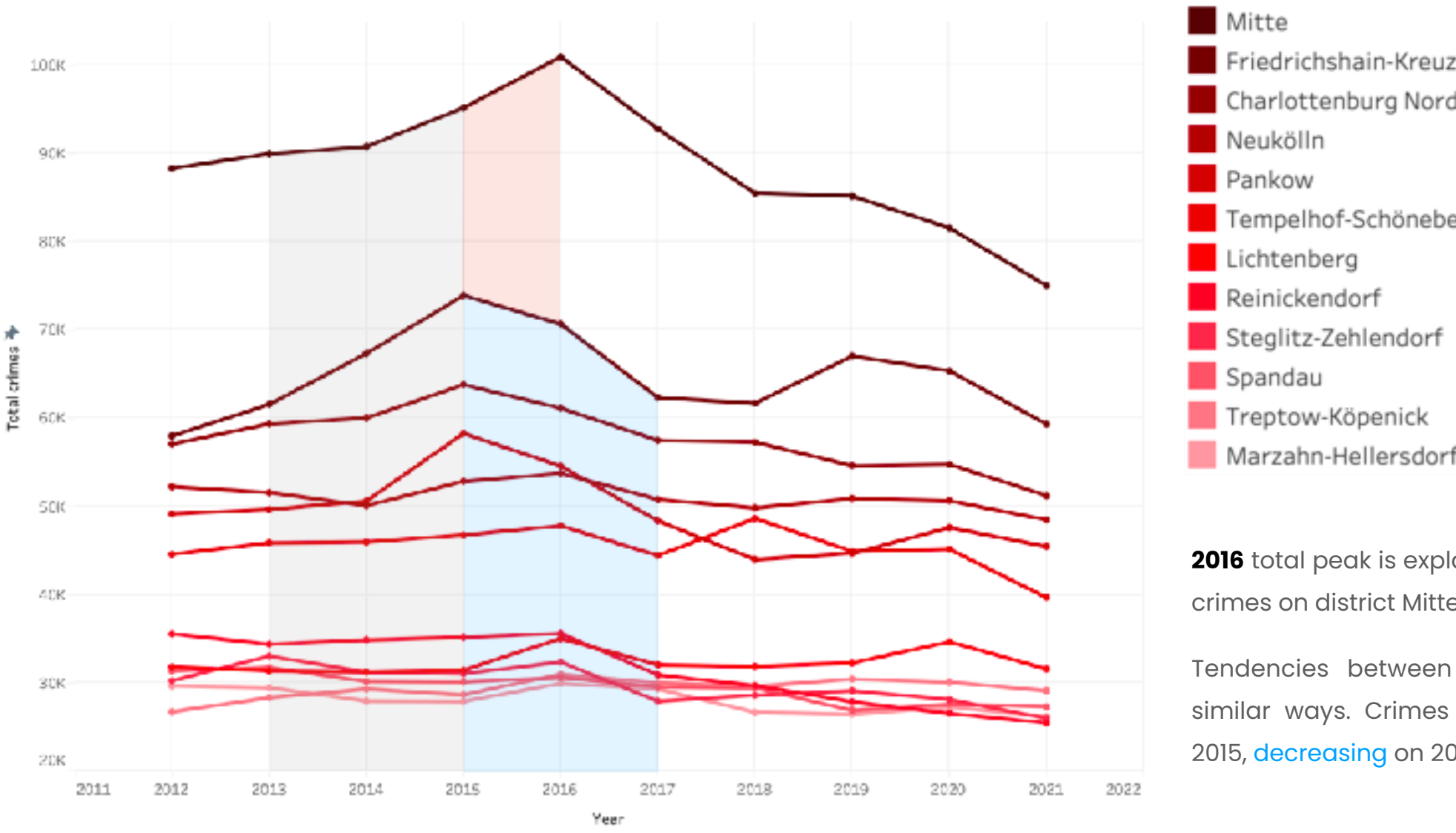


Total crimes per population (Hz*) 2021:



*HZ = number of known cases to 100,000 inhabitants.

DISTRICTS CRIMES IN TIME

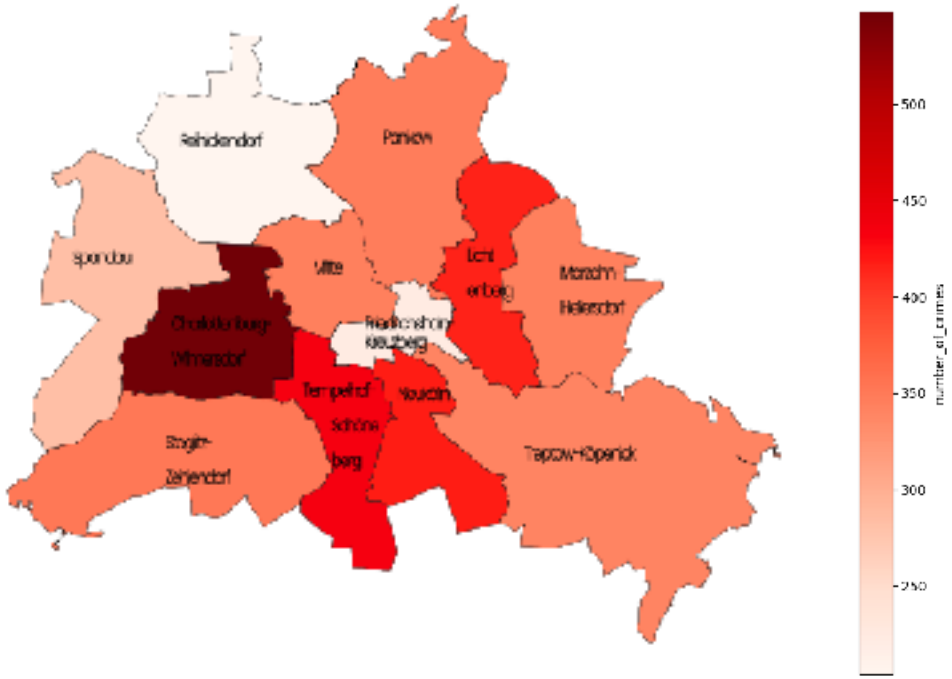


2016 total peak is explained by the increase in crimes on district Mitte.

Tendencies between District distributes in similar ways. Crimes increase from 2013 to 2015, decreasing on 2016, except from Mitte.

TYPES OF CRIMES PER DISTRICTS

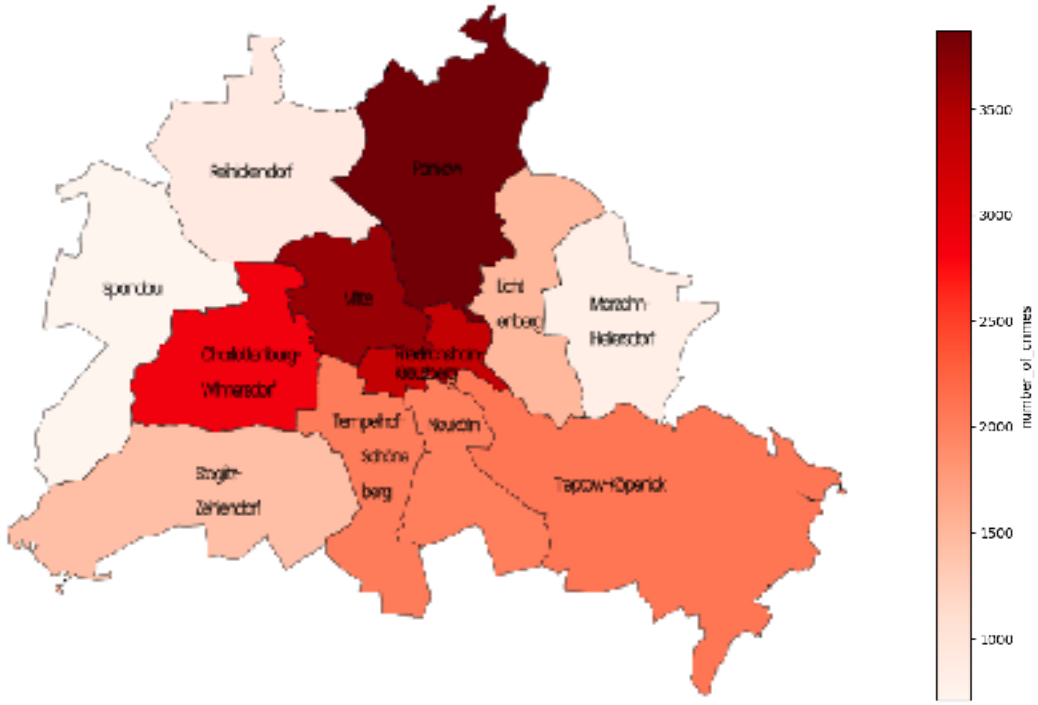
Where is more probable to : Get your car stolen?

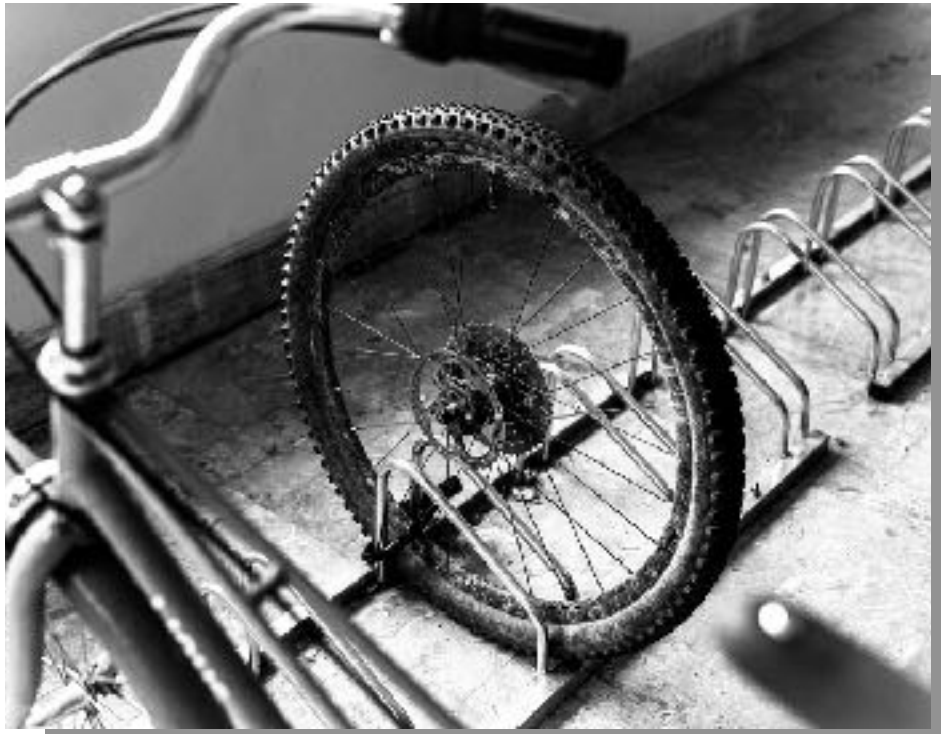


Charlottenburg is the Districts with more stolen vehicles in 2021, with **548** crimes. Follow by *Tempelhof-Schöneberg* with 434 and *Neukölln* with 418.

TYPES OF CRIMES PER DISTRICTS

Where is more probable to : Get your bike stolen?





Pankow is the Districts with more stolen bikes in 2021, with **3871** crimes. Follow by *Mitte* with 3637 and *Friedrichshain-Kreuzberg* with 3320.

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