EINDOPDRACHT

# Database opzetten:

*# DATABASE CONNECTIE*

myDB = mysql.connector.connect(

    host="localhost",

    user="root",

    password="",

    database = "int\_eindopdracht"

)

myCursor = myDB.cursor()

# Stijl voor alle grafieken

*# STYLE FOR GRAPH*

fig = plt.figure(figsize=(10, 8))

ax = fig.add\_subplot(111)

fig.patch.set\_facecolor('#202021')

ax.tick\_params(axis='x', colors='white')

ax.tick\_params(axis='y', colors='white')

ax.spines['bottom'].set\_color('#fff')

ax.spines['top'].set\_color('#fff')

ax.spines['right'].set\_color('#fff')

ax.spines['left'].set\_color('#fff')

ax.set\_facecolor('#202021')

# Arrays opzetten

myCursor.execute("SELECT \* FROM t\_geleverd")

delivered = myCursor.fetchall()

delivered\_arr = np.array(delivered);

del\_types = [('date', 'M8[D]'), ('amount', int), ('manufacturer', 'U50')]

del\_array = np.array(delivered, dtype = del\_types)

myCursor.execute("SELECT \* FROM t\_gezet")

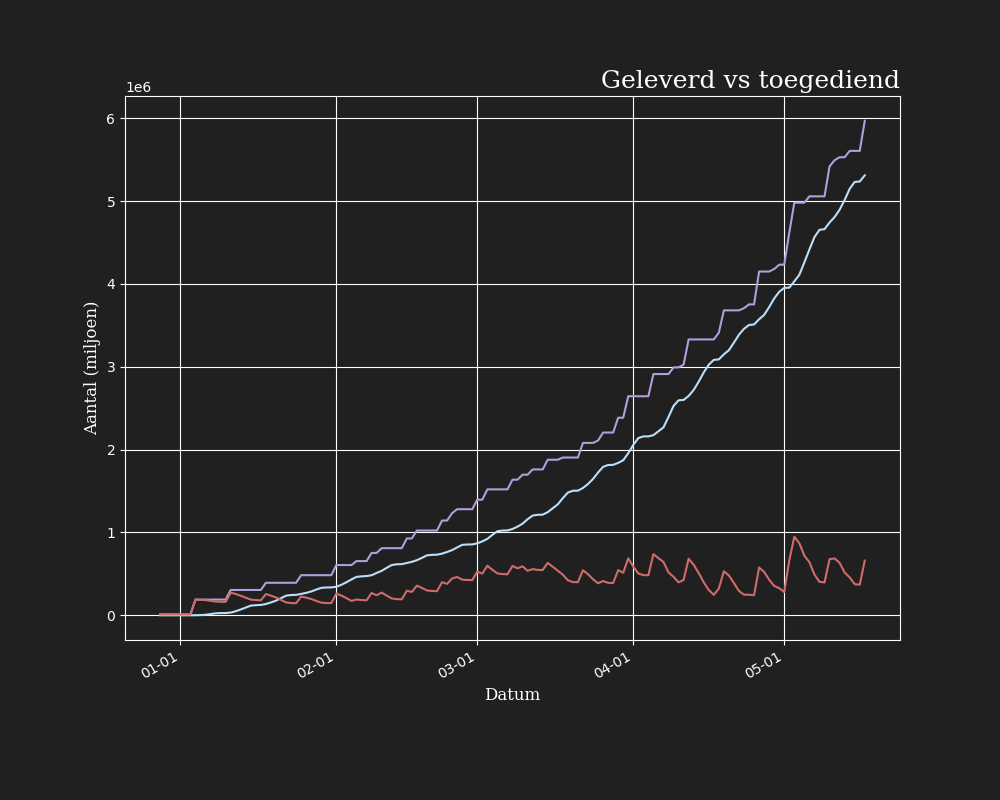
administrated = myCursor.fetchall()

administrated\_arr = np.array(administrated)

ad\_types = [('date', 'M8[D]'), ('first\_dose', int), ('second\_dose', int), ('region', 'U30')]

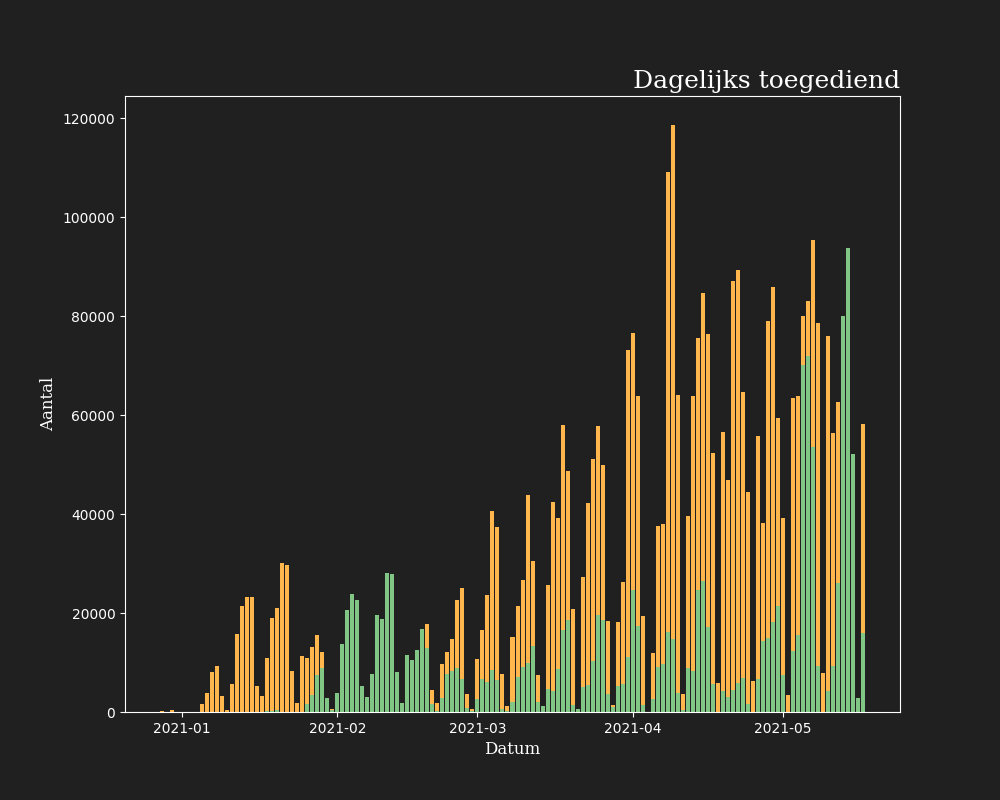
ad\_array = np.array(administrated, dtype = ad\_types)

# Geleverd vs toegediend:



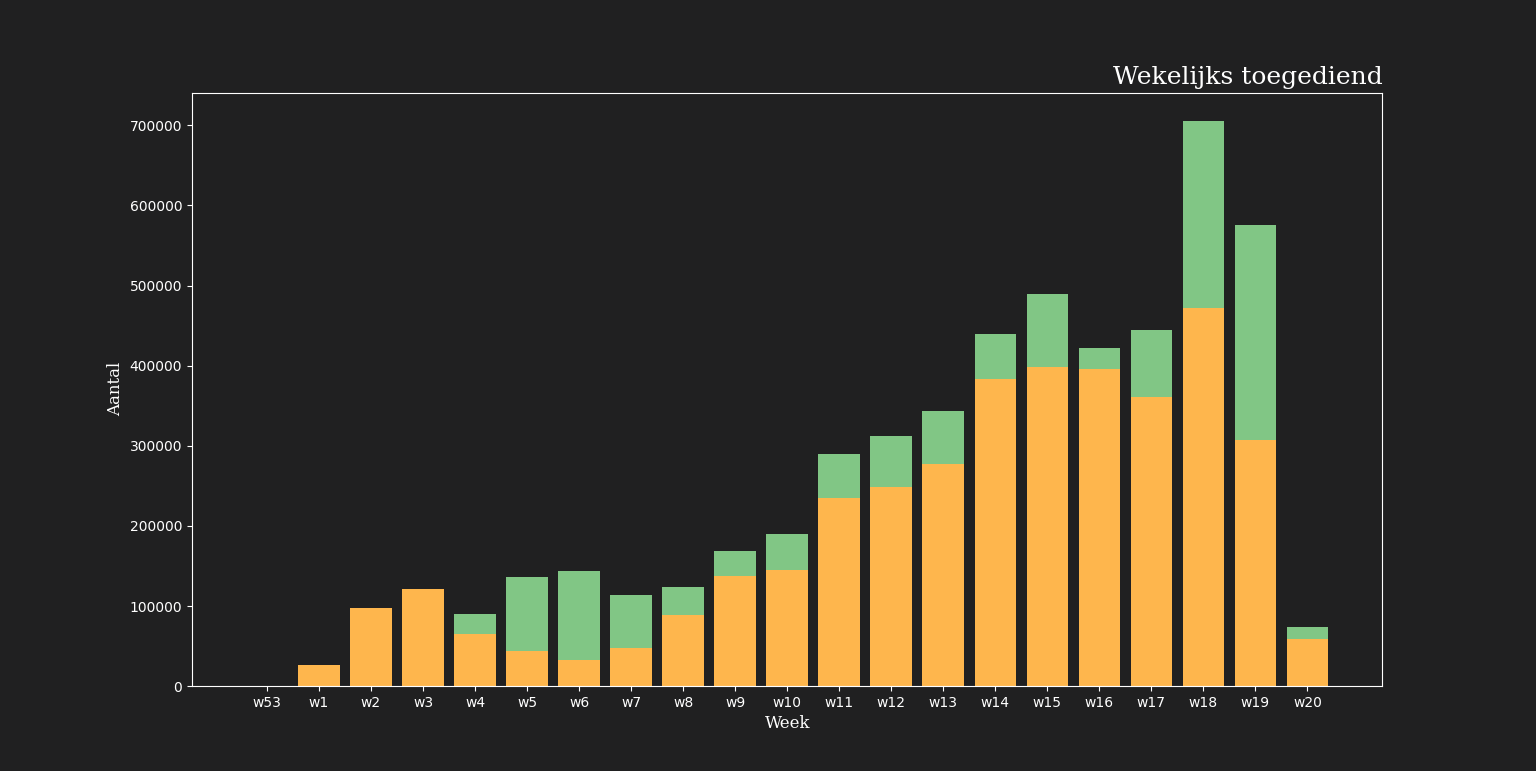
Code: LINE 48

# Dagelijks toegediend



Code: LINE 100

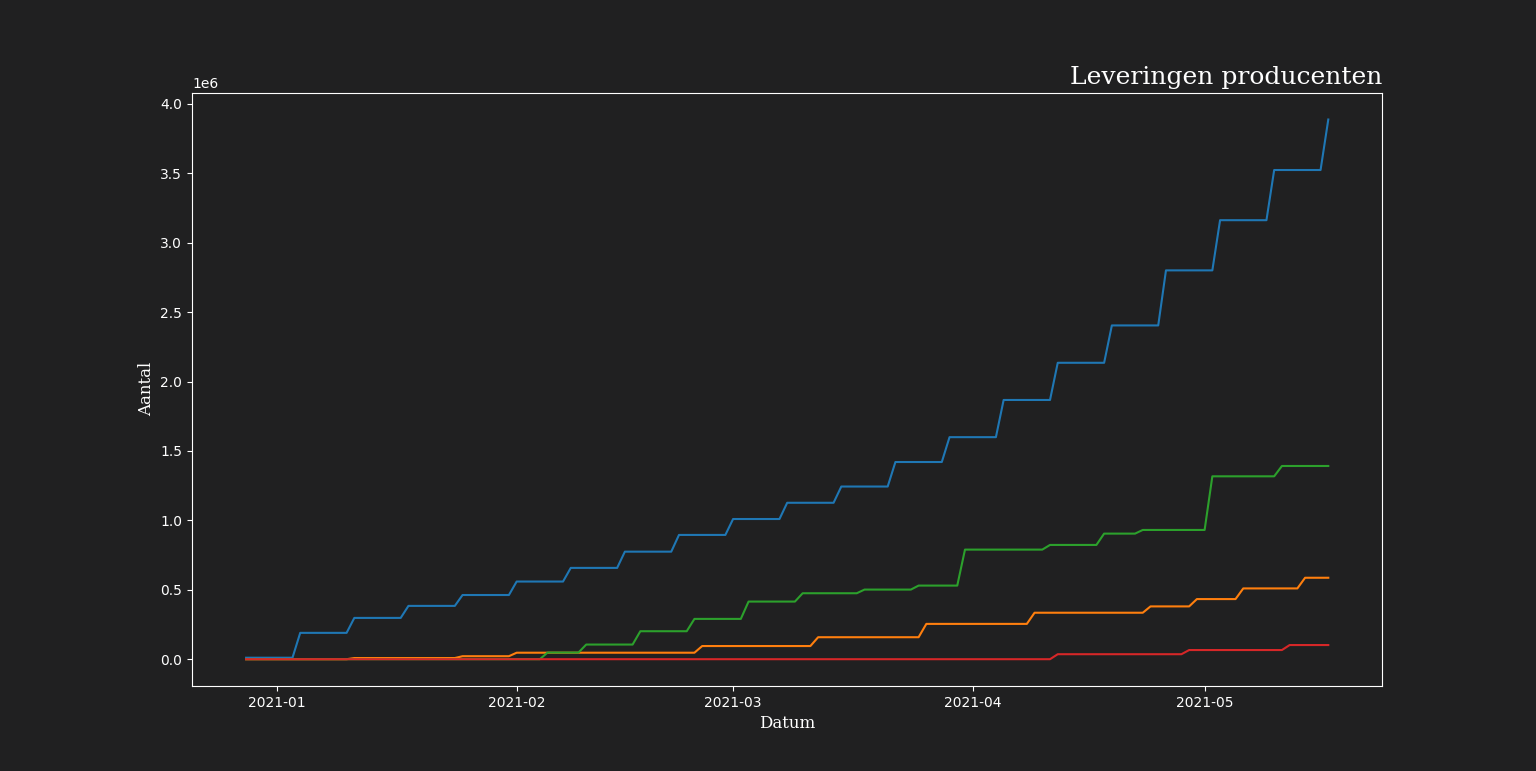
# Wekelijks toegediend



CODE: LIJN 129

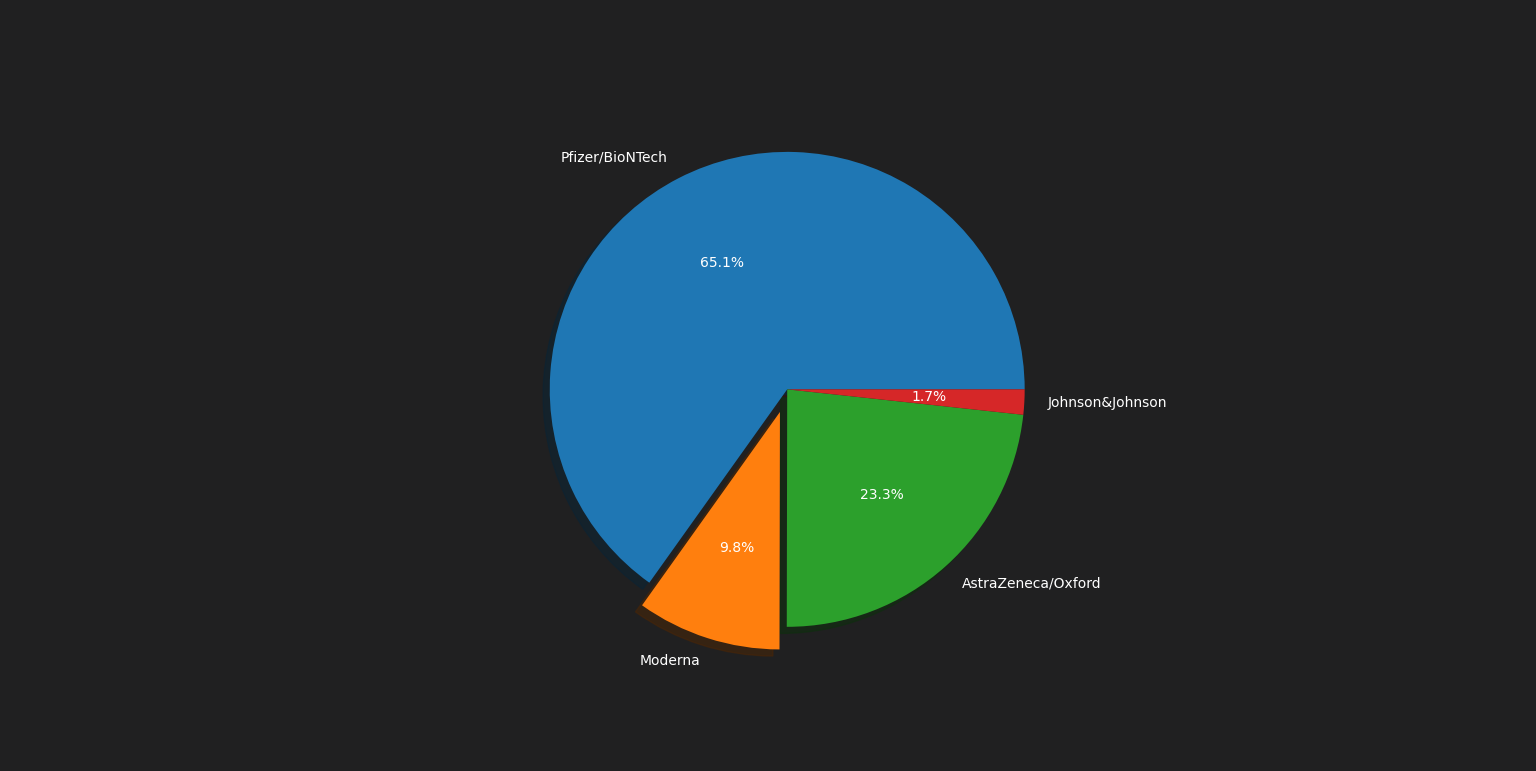
# Leveringen producenten

## Lijngrafiek



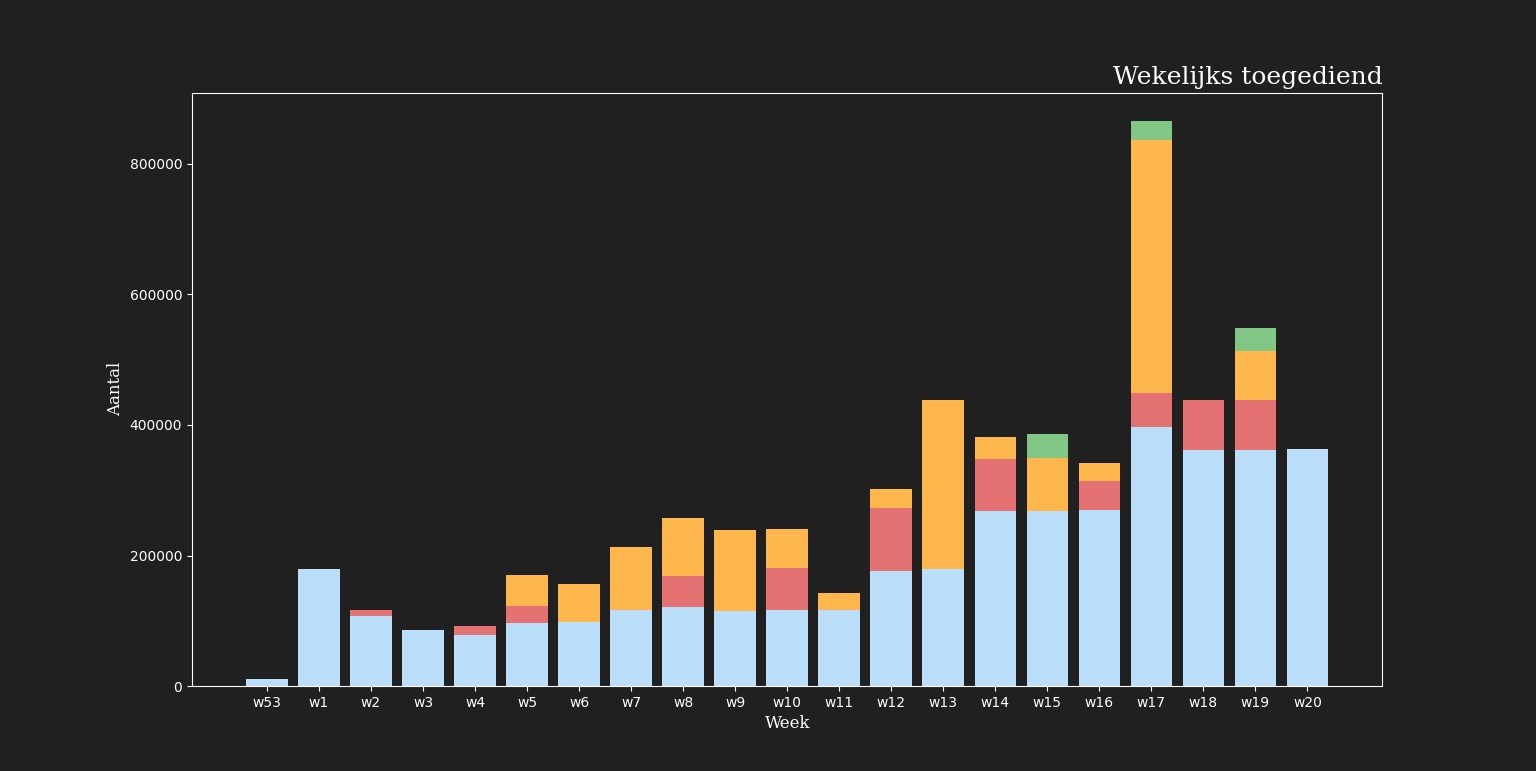
CODE: LIJN 176

## Taartdiagram



CODE: LIJN 235

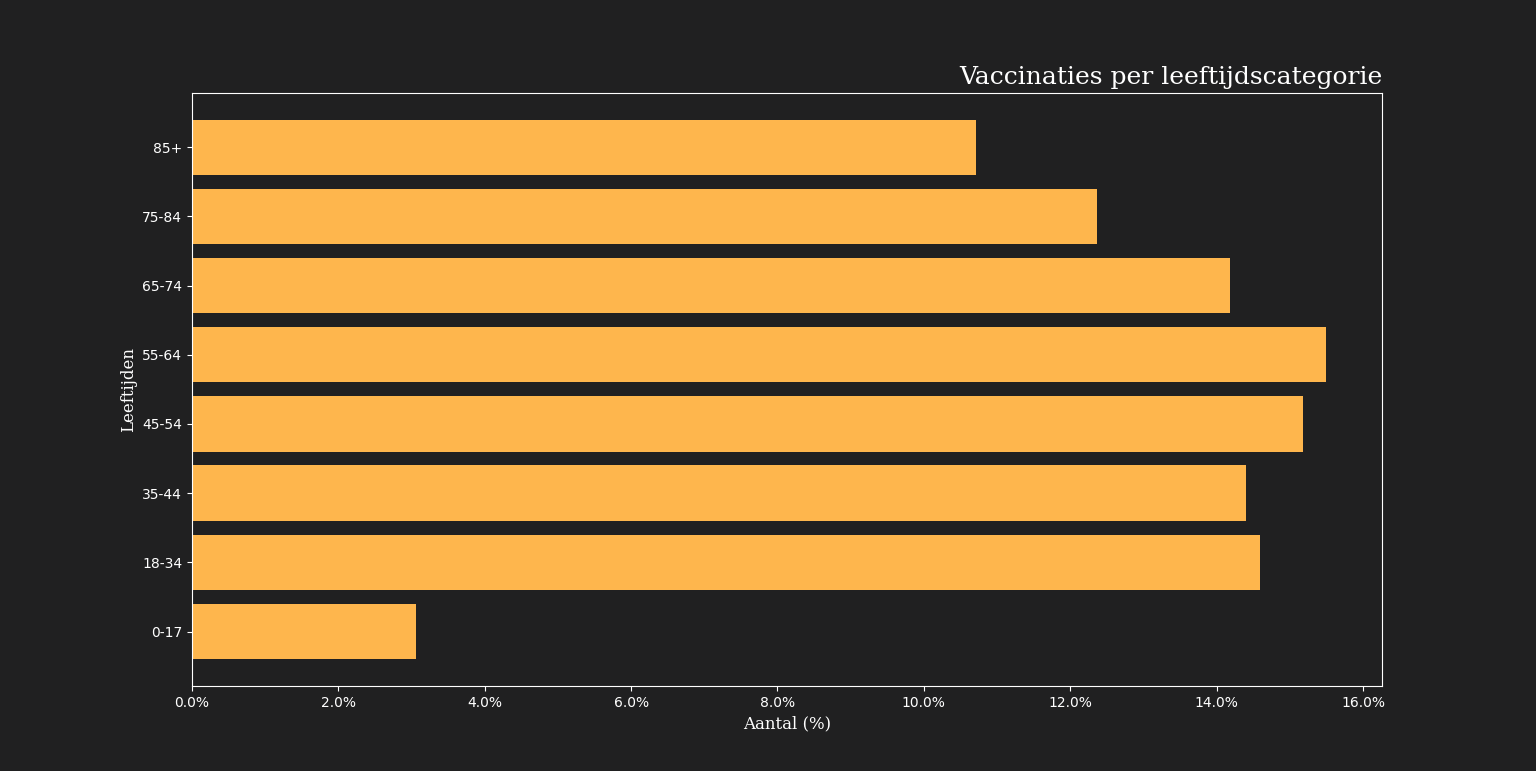
# Wekelijks geleverde dosissen



CODE: LIJN 261

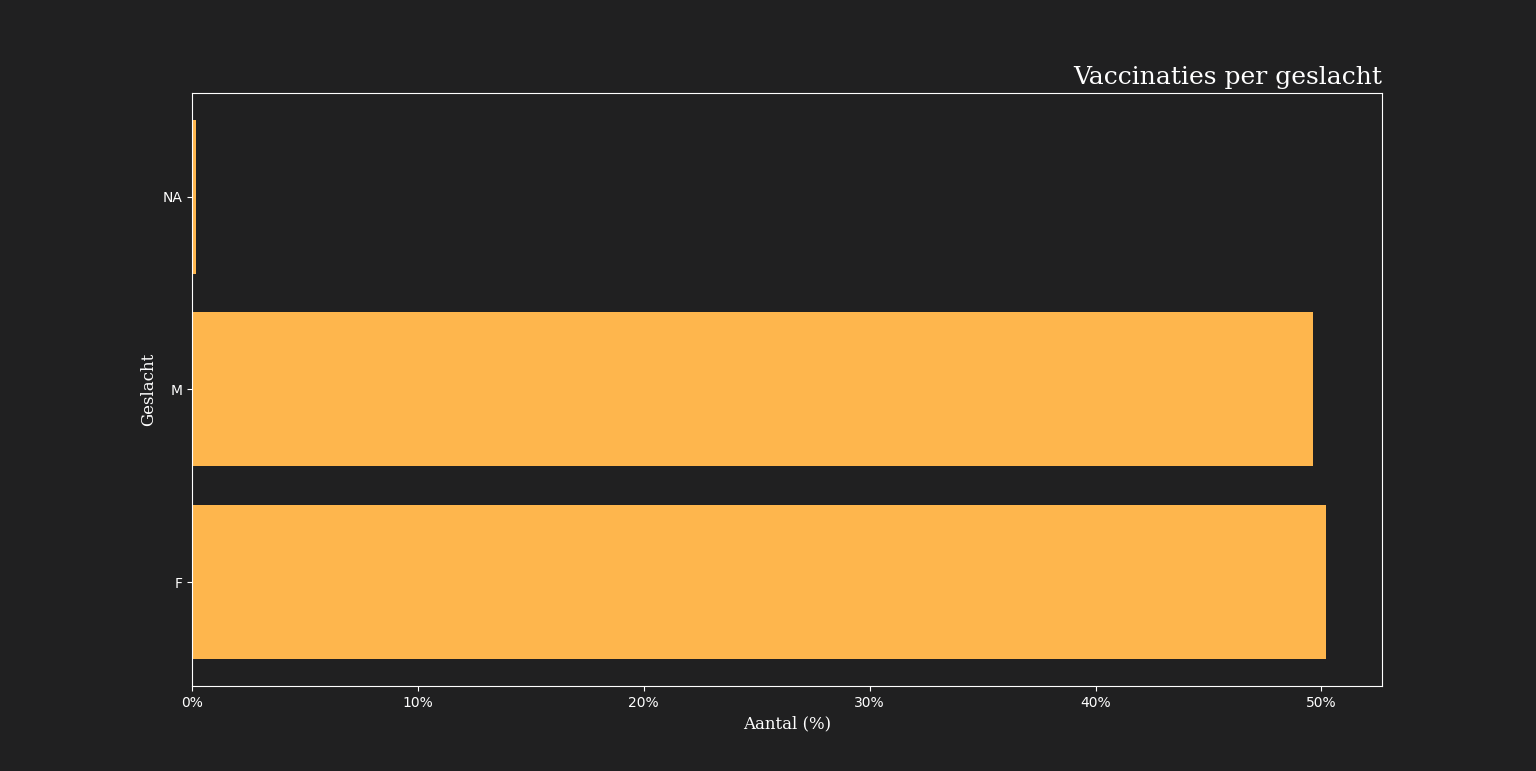
# Vaccinaties per leeftijdscategorie

## Per leeftijd



CODE: LIJN 330

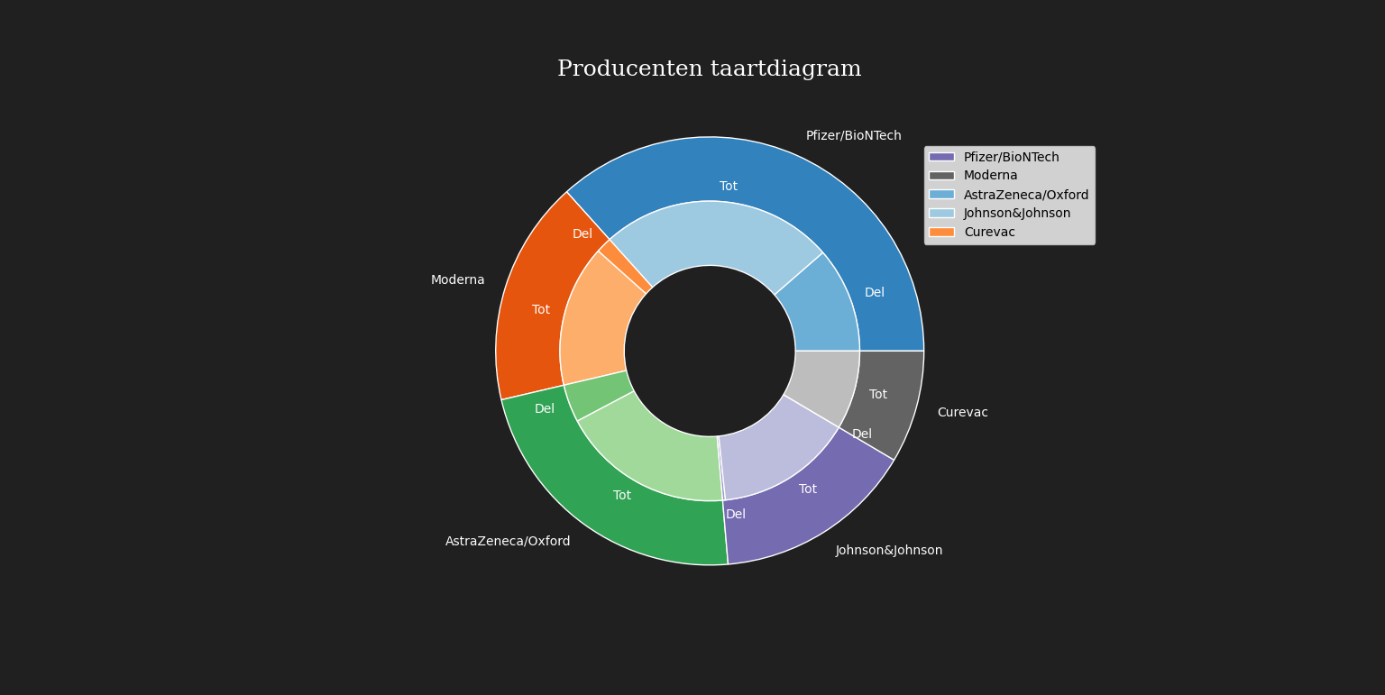
## Per geslacht



CODE: LIJN 363

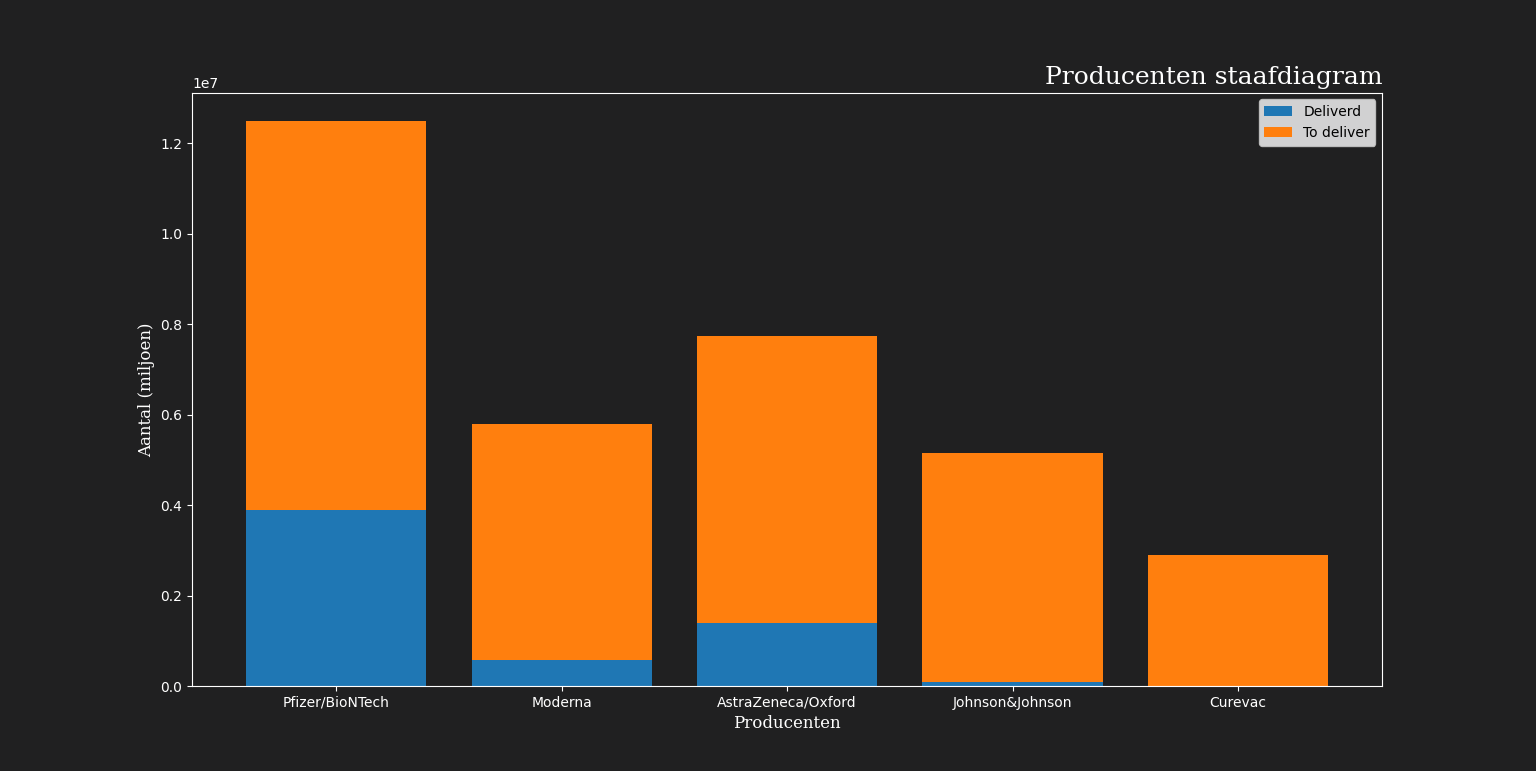
# Producenten

## Taartdiagram



CODE: LIJN 396

## Staafdiagram



CODE: LIJN 439