

ESTUDIO DE LA CALIDAD DEL AIRE EN LA CIUDAD DE MADRID

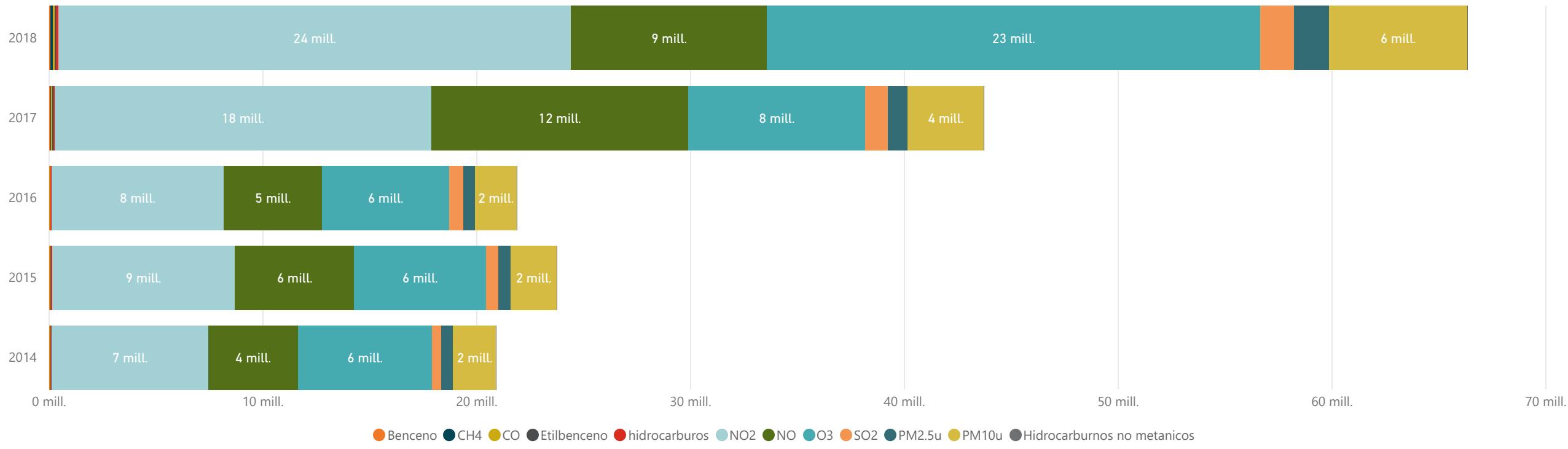
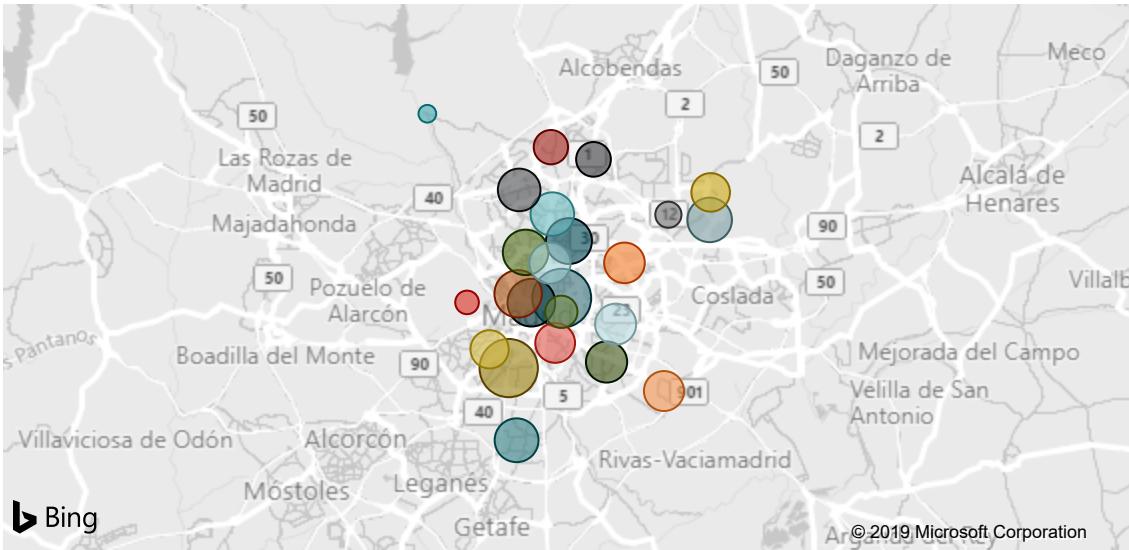
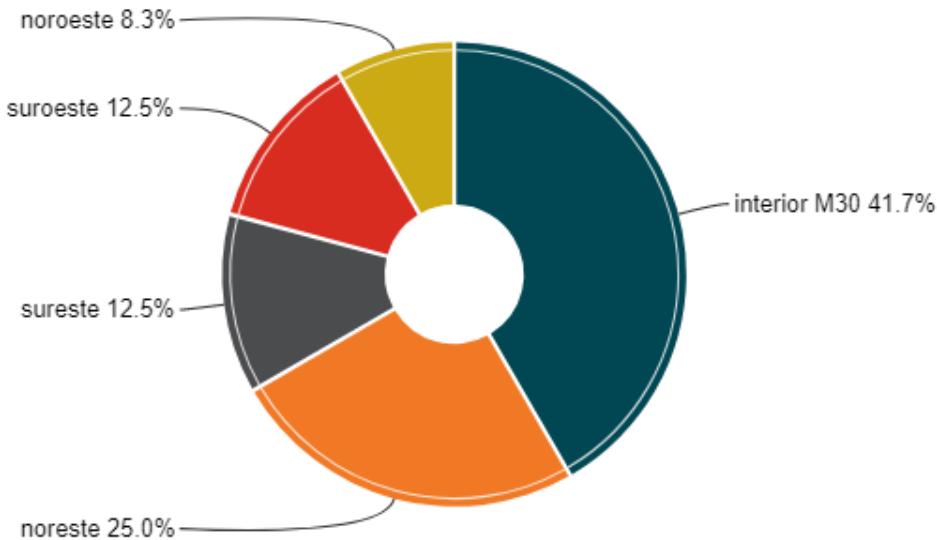
datos abiertos



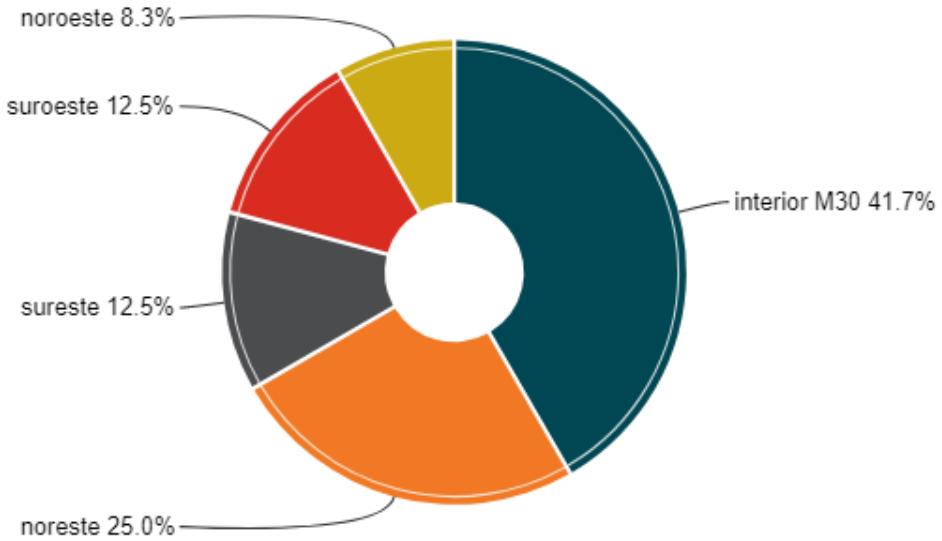
Máster Universitario en Inteligencia de Negocio y Big Data en Entornos Seguros

ADRIÁN AGUADO GARCÍA

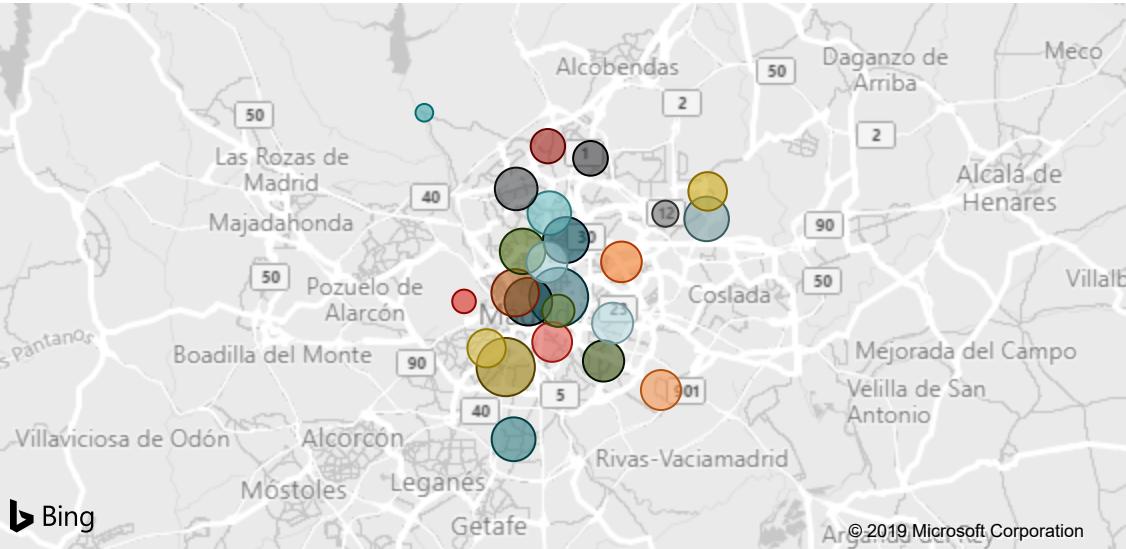
Resumen contaminantes



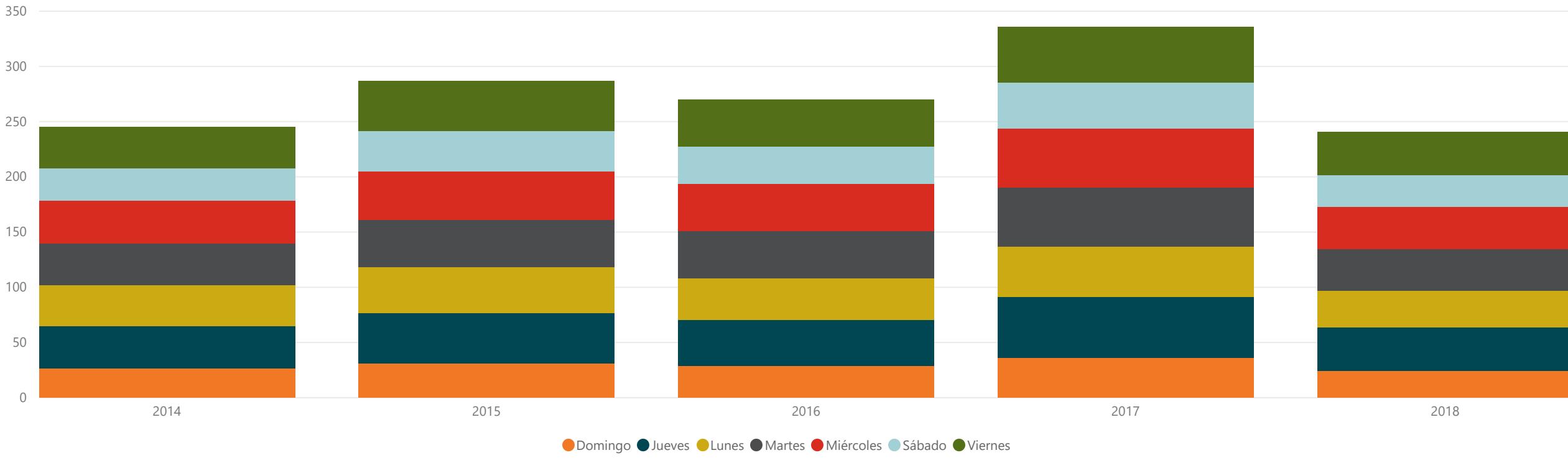
Resumen semanal (NO2)



zoomcharts

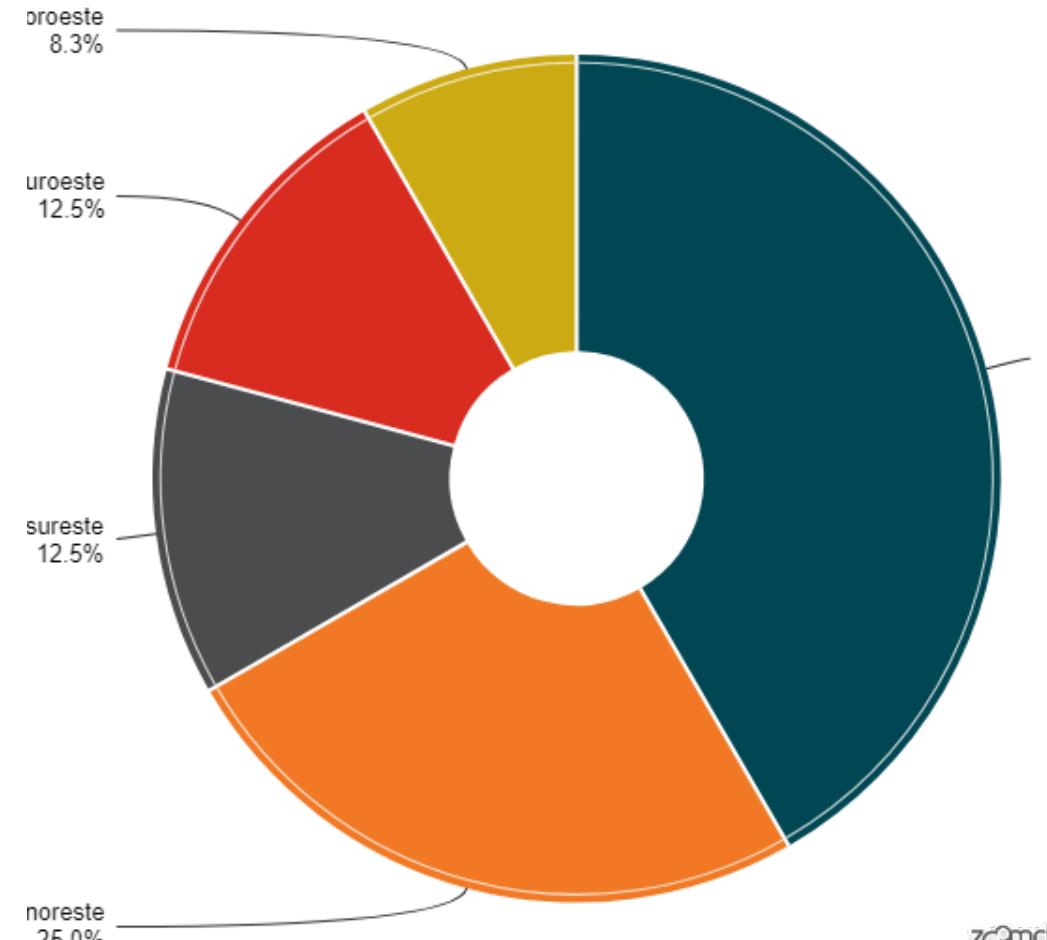


Bing



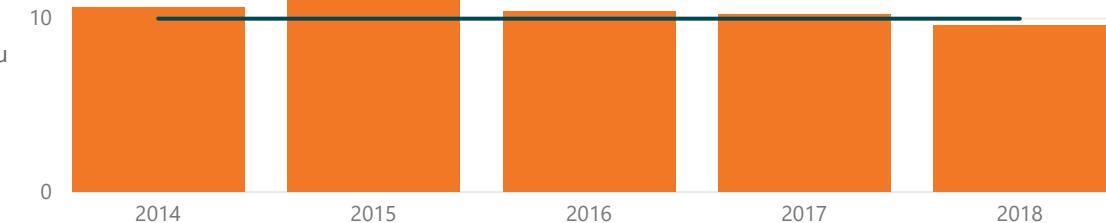
● Domingo ● Jueves ● Lunes ● Martes ● Miércoles ● Sábado ● Viernes

Límites Anuales (OMS)

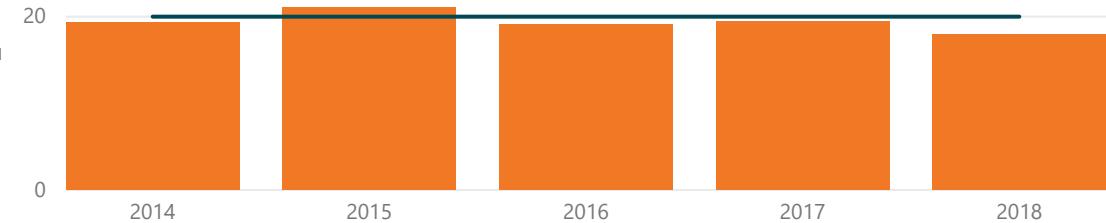


zoomcharts

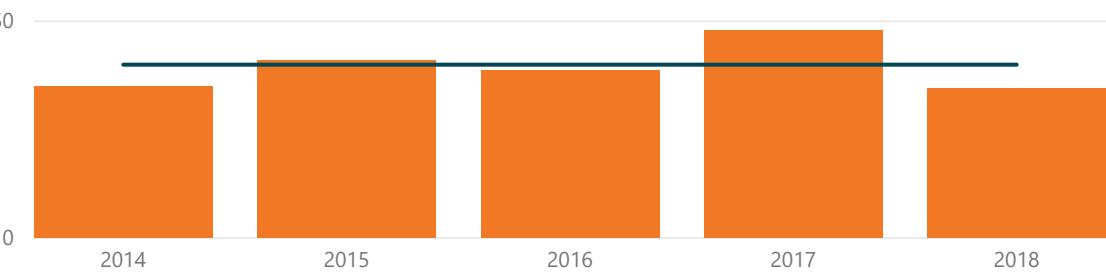
● Media PM 2.5u
● Max OMS



● Media PM 10u
● Max OMS



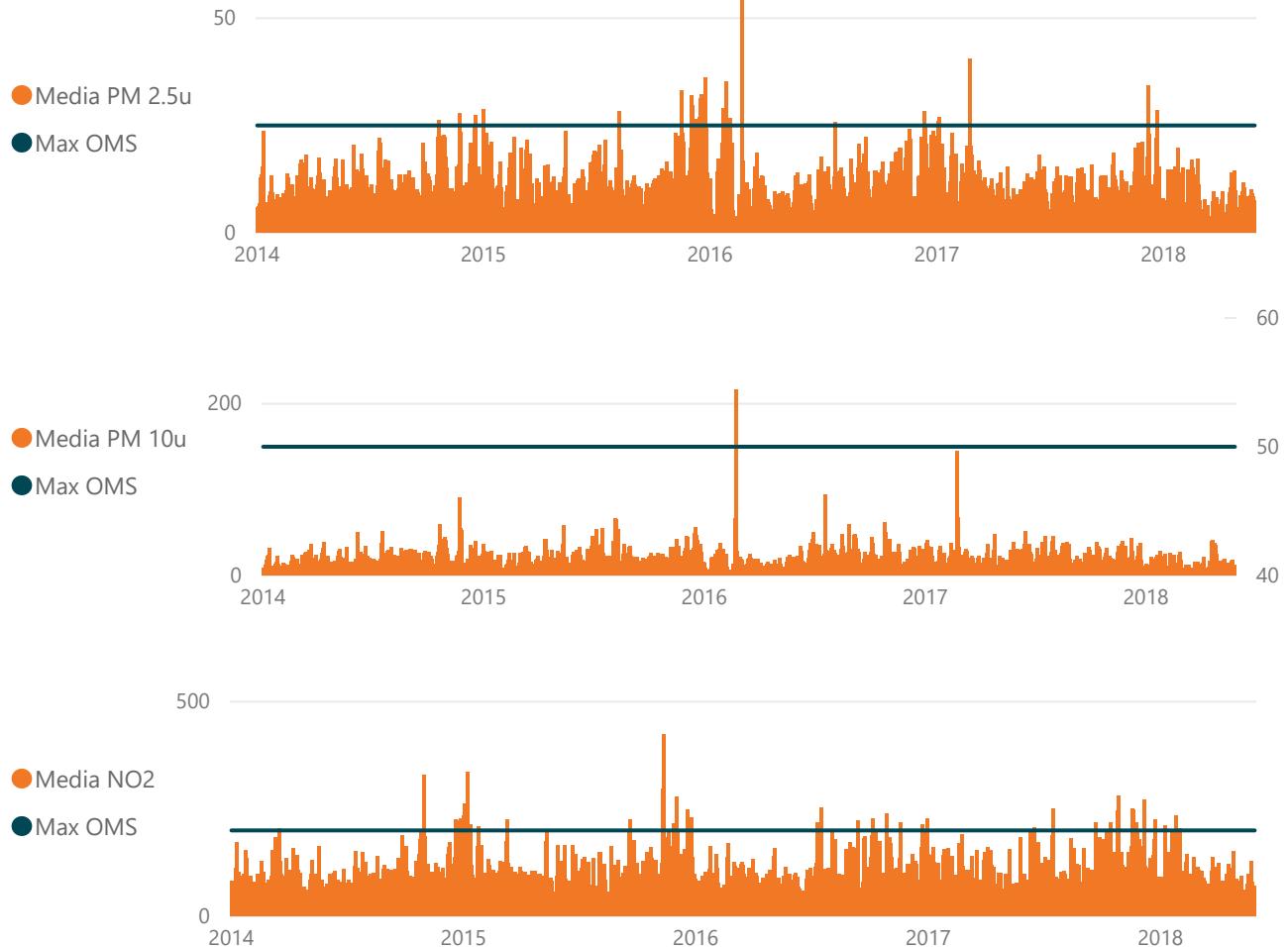
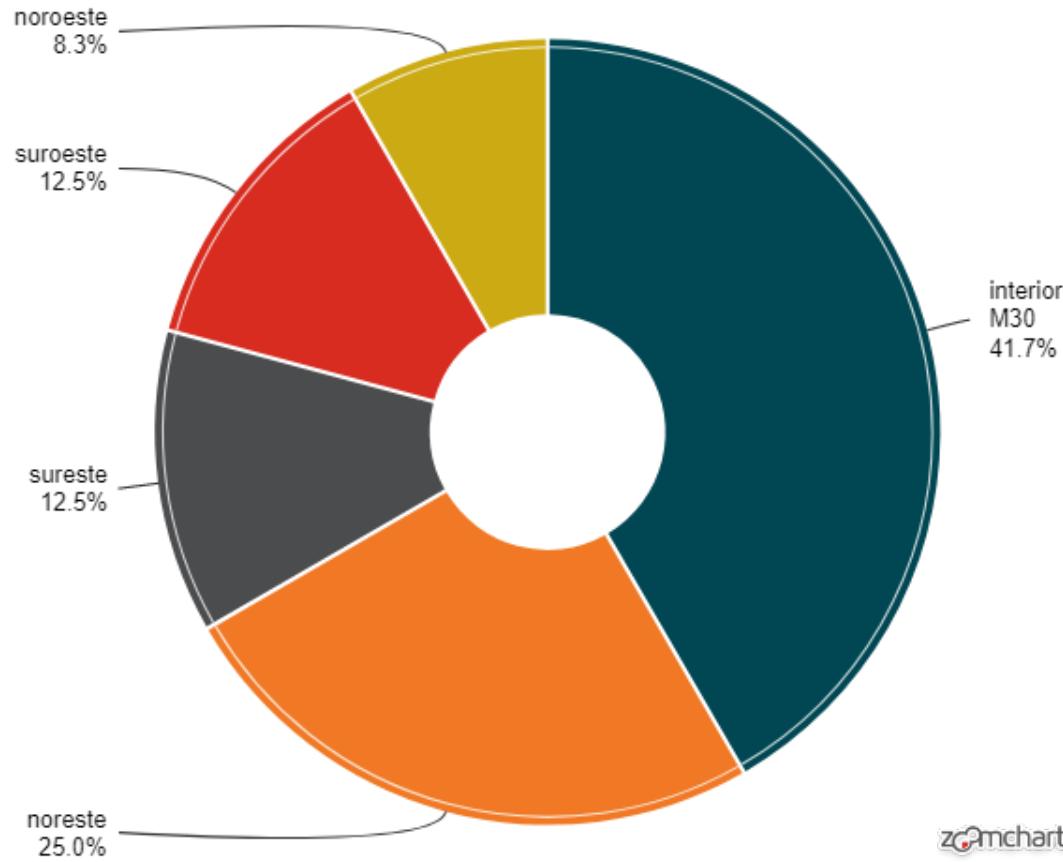
● Media NO2
● Max OMS



Límites diarios (OMS)

01/01/2014

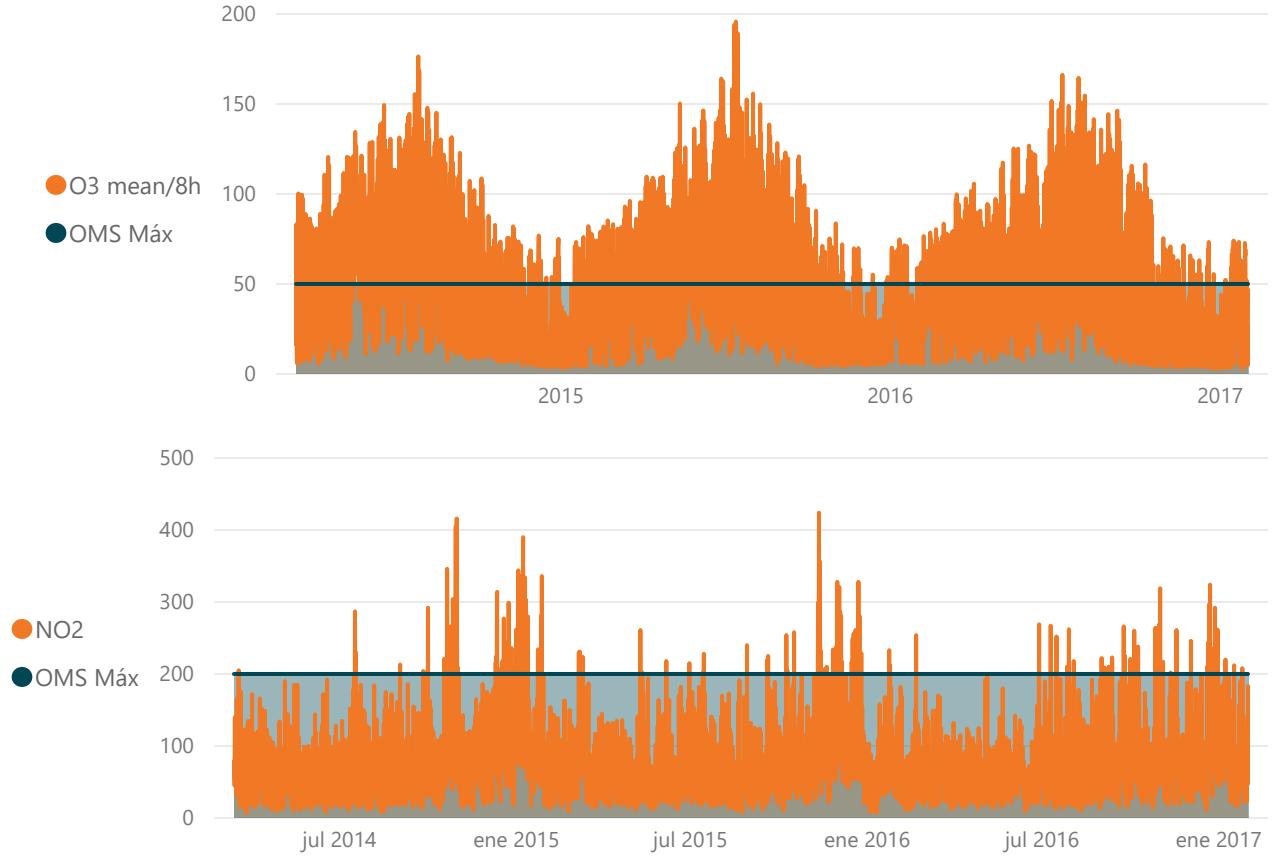
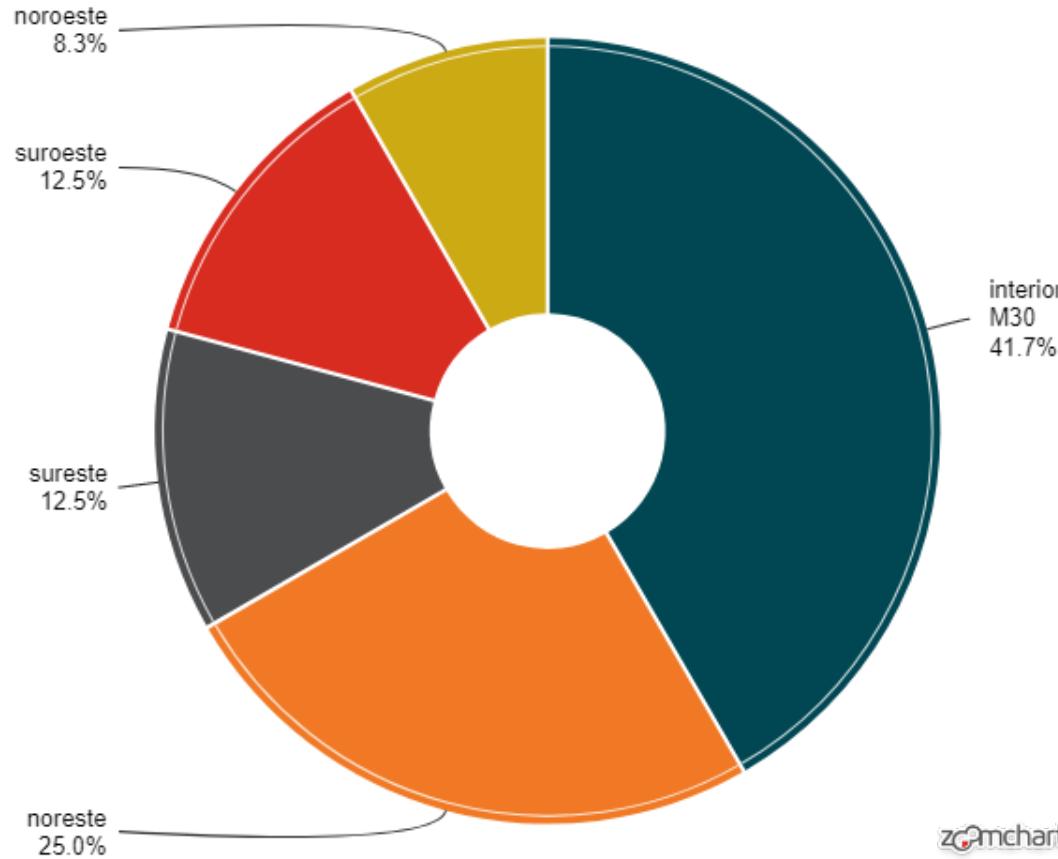
28/05/2018



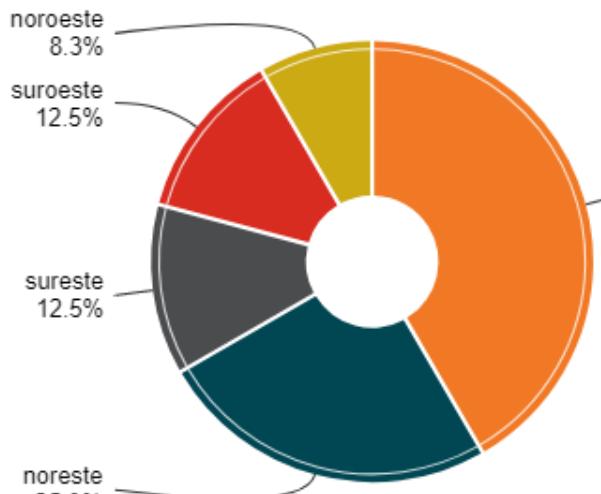
13/03/2014 31/01/2017



Límites Ozono/Dióxido Carbono (OMS)

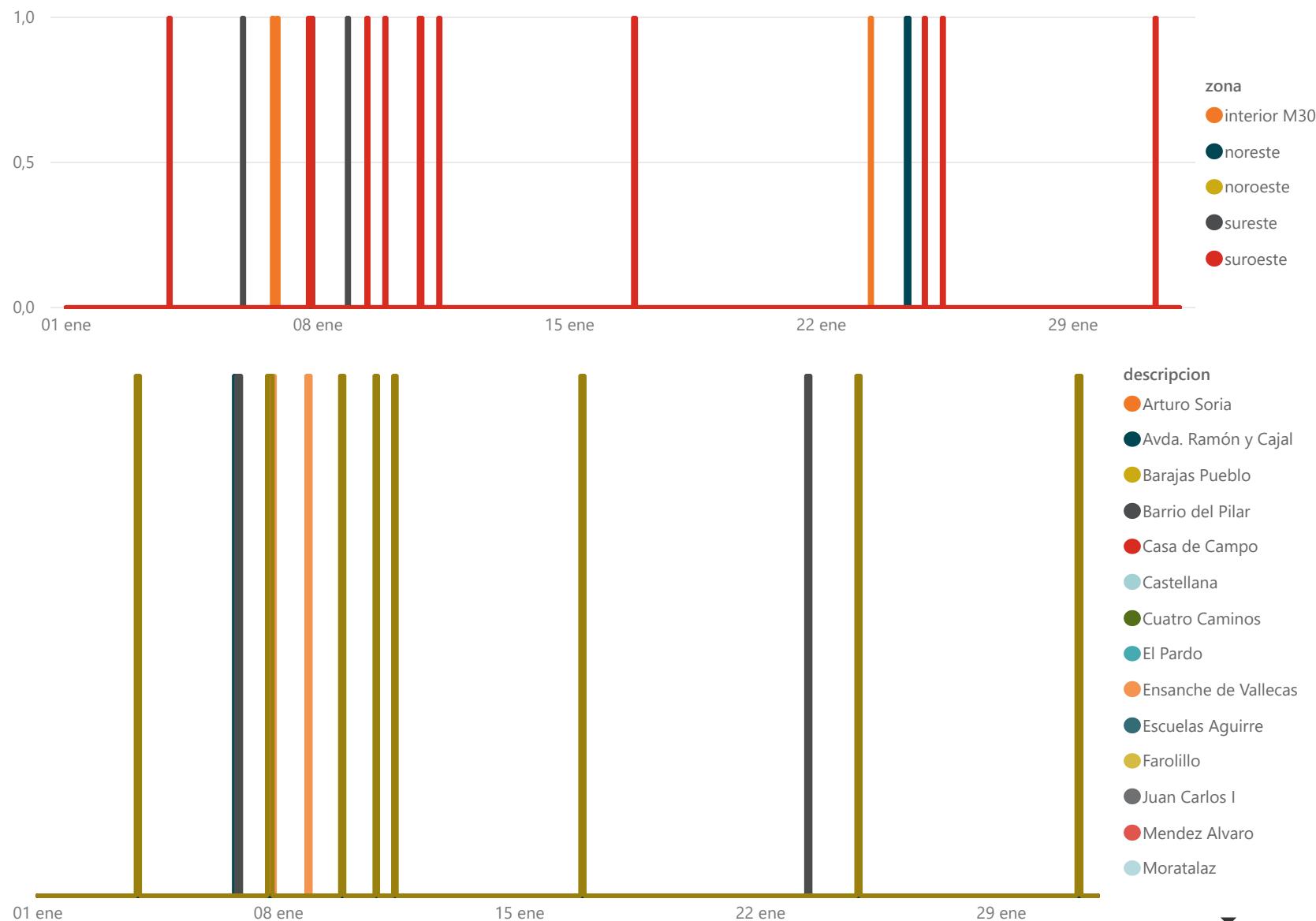


Protocolo anticontaminación



zoomcharts

NO₂ >= 180



Protocolo:

1. PREAVISO

2 estaciones superan 180 durante 2h

2. AVISO

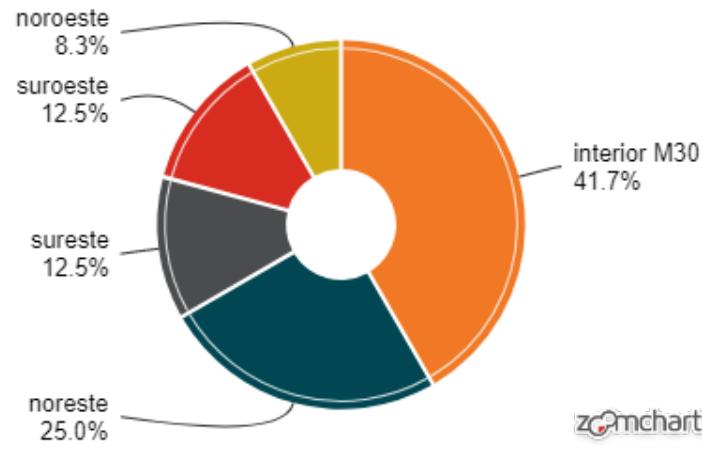
2 estaciones superan 200 durante 3h

3. ALERTA

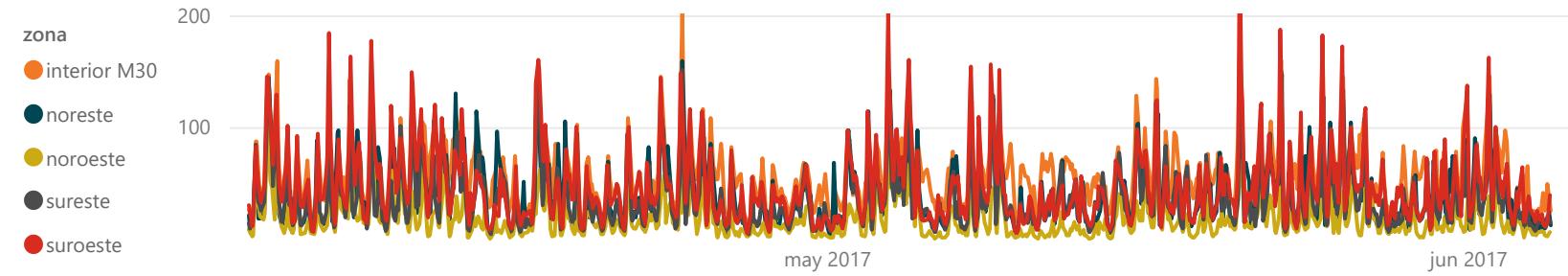
2 estaciones superan 200 durante 4h



NO₂

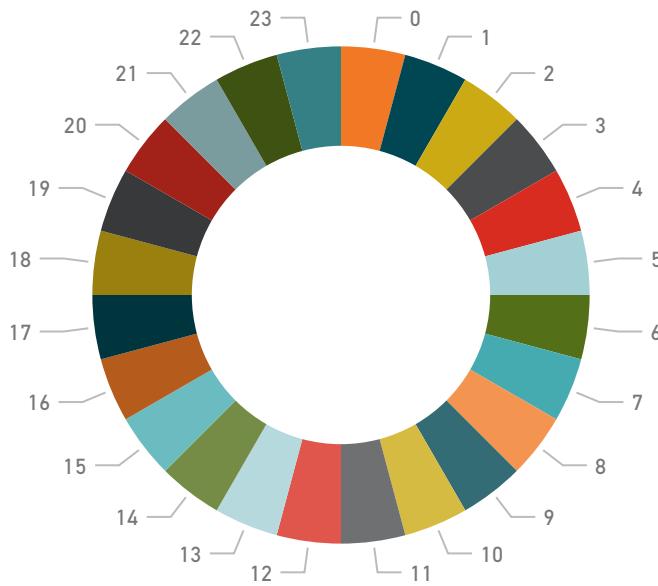


Mediana NO₂

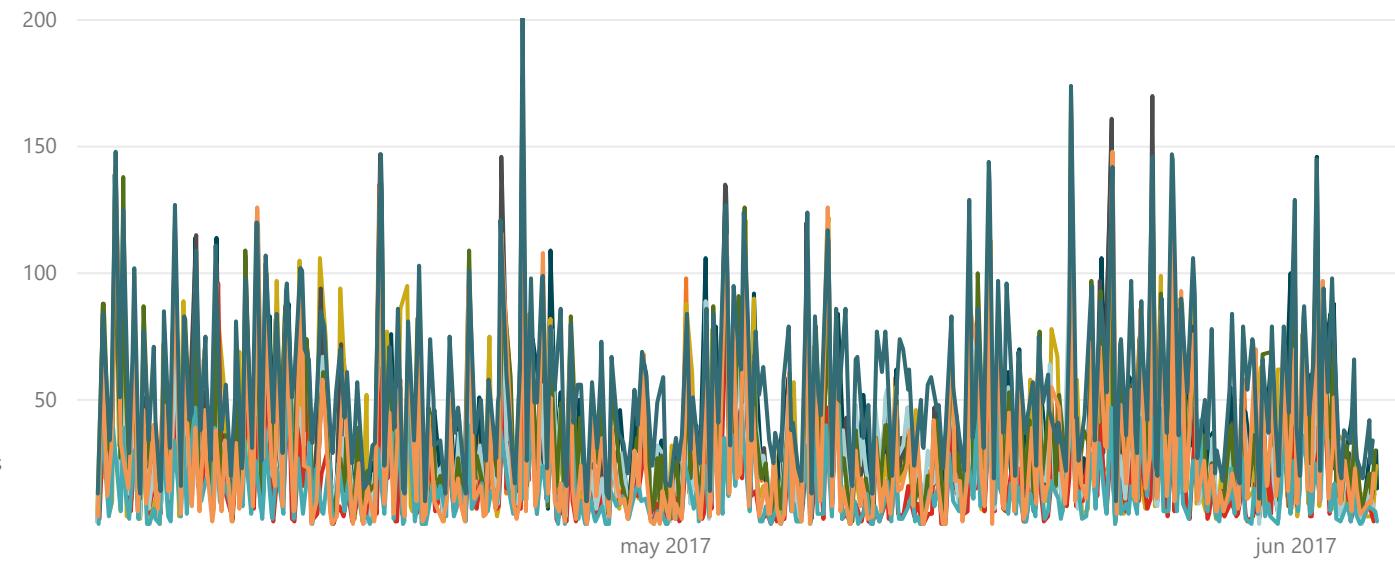


descripcion

- Arturo Soria
- Avda. Ramón y Cajal
- Barajas Pueblo
- Barrio del Pilar
- Casa de Campo
- Castellana
- Cuatro Caminos
- El Pardo
- Ensanche de Vallecas
- Escuelas Aguirre

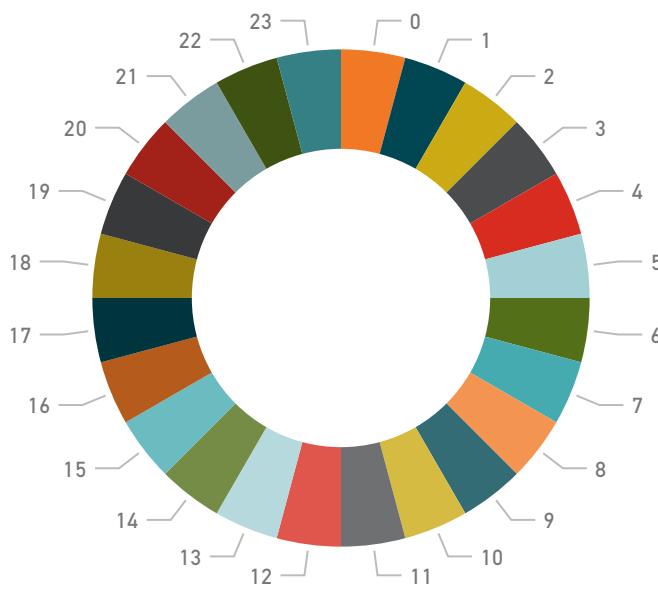
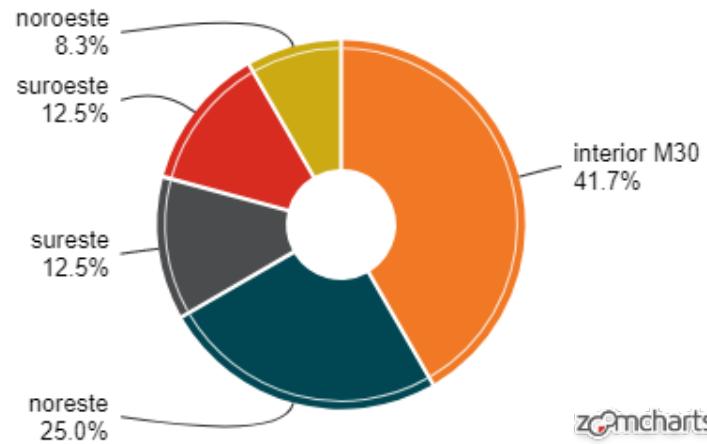


2017



Nivel protocolo

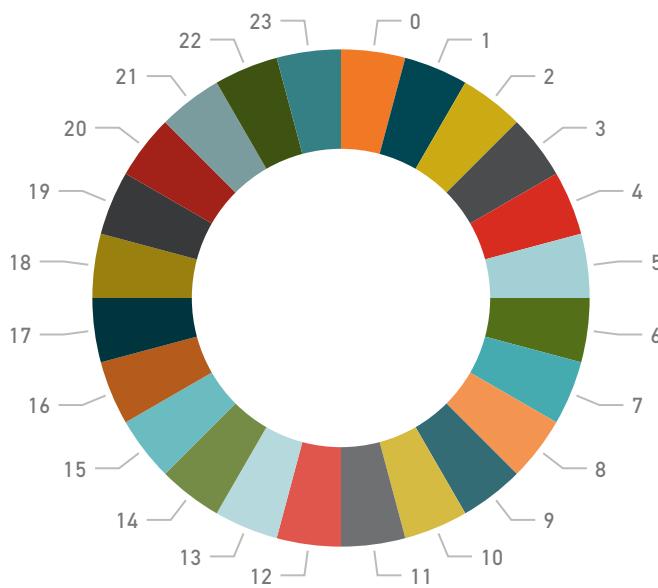
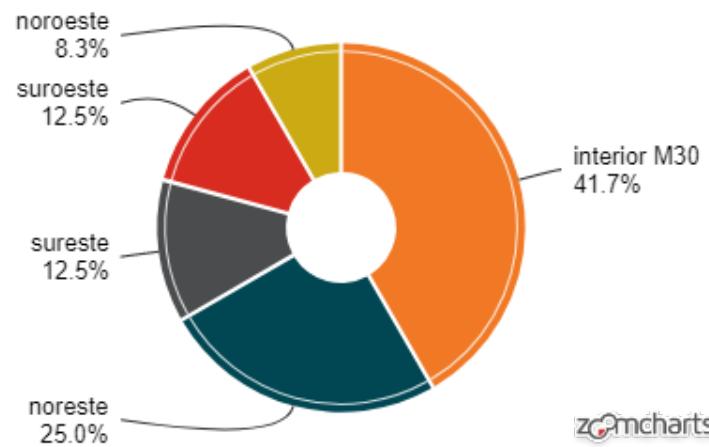
01/01/2014 | 29/12/2015



Este objeto visual no admite exportación.

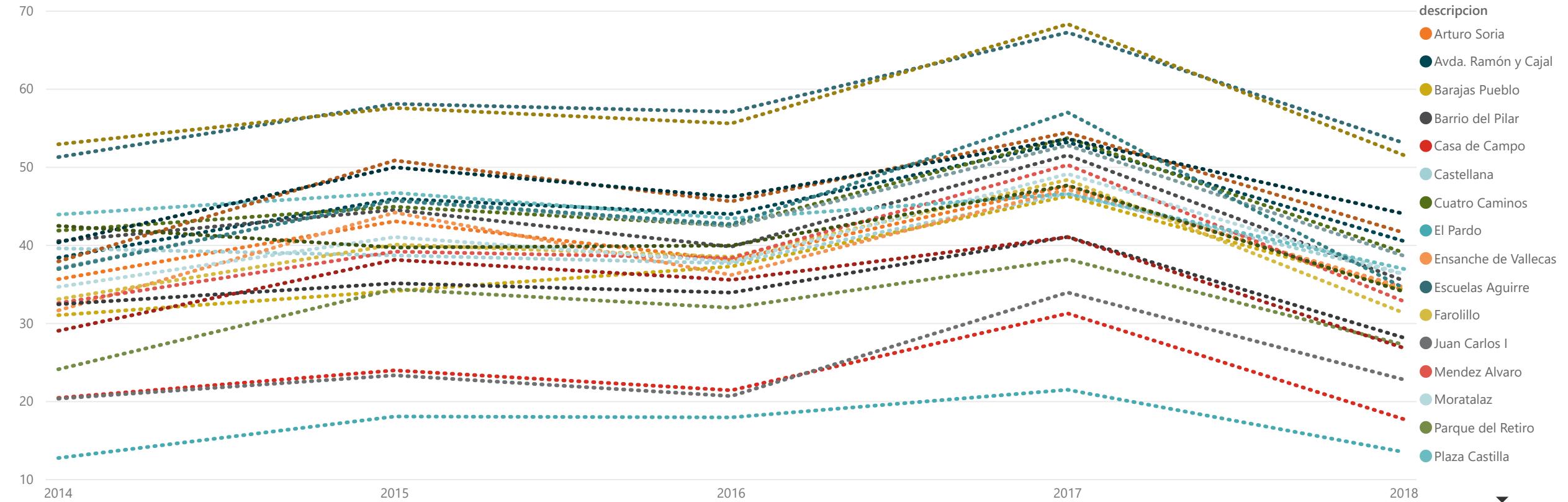
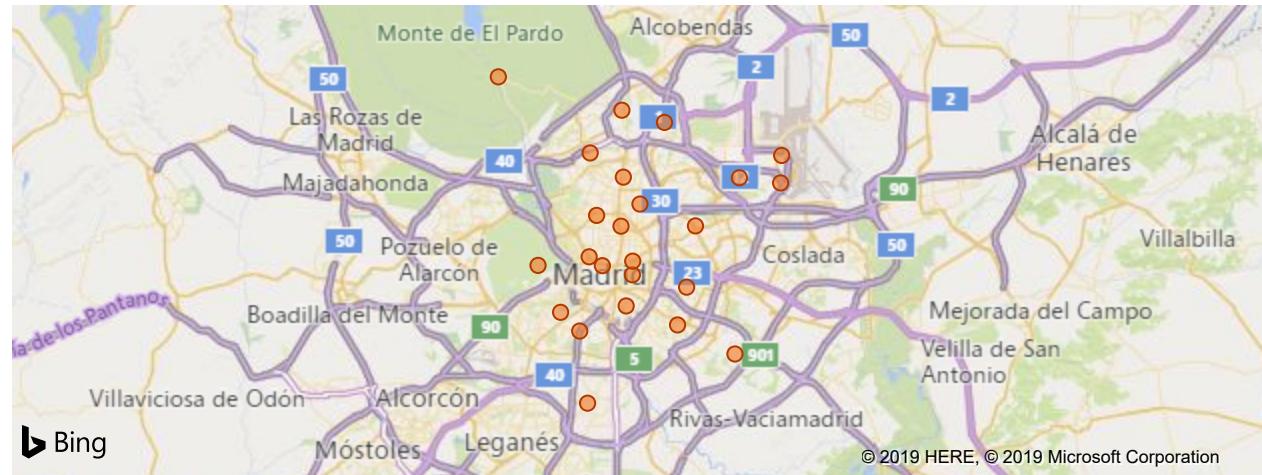
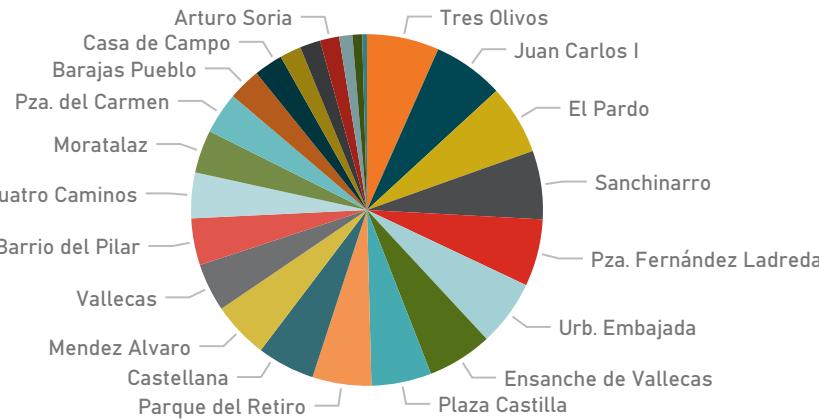


Mapa NO2

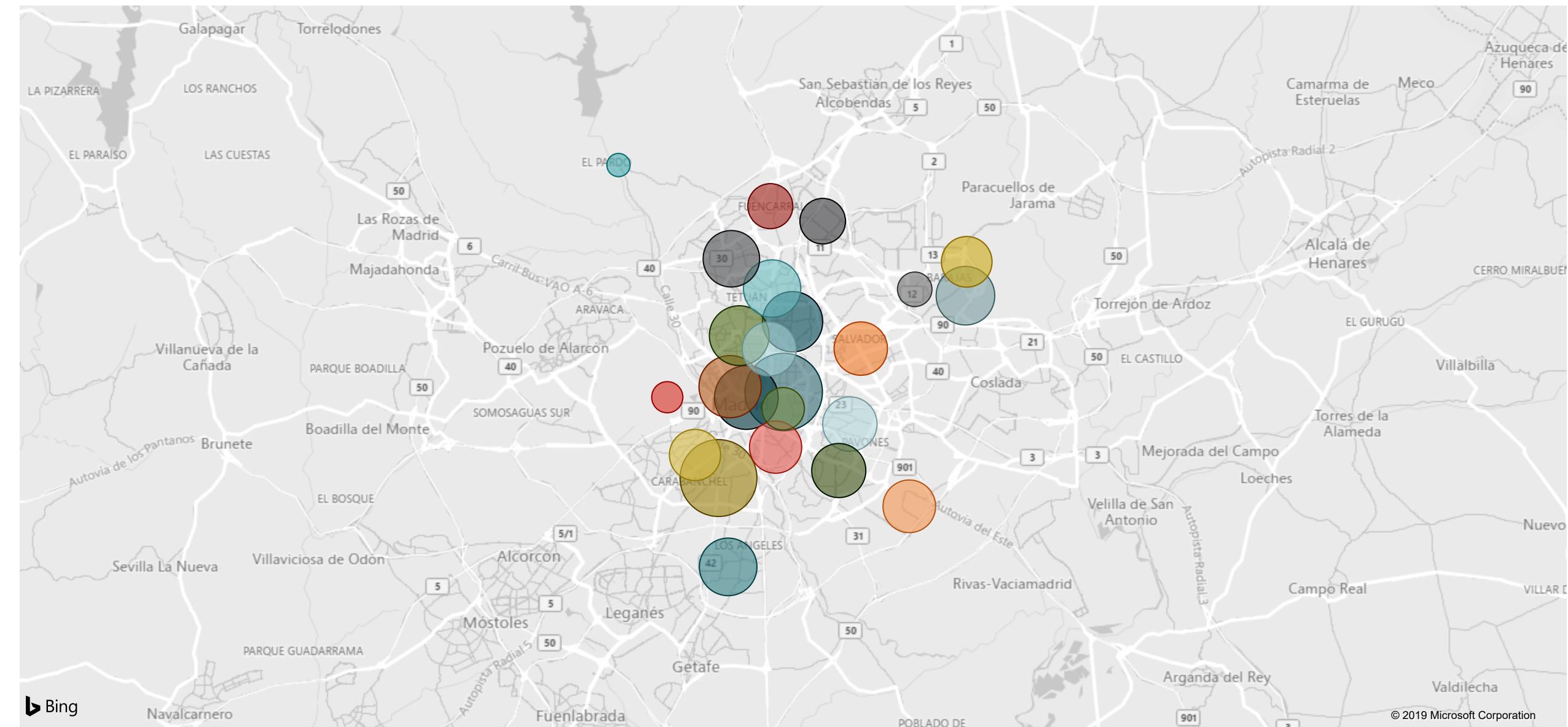


Este objeto visual no admite exportación.

Extra 1: Variación anual por estación (NO₂)



Extra 2: Mapa localización

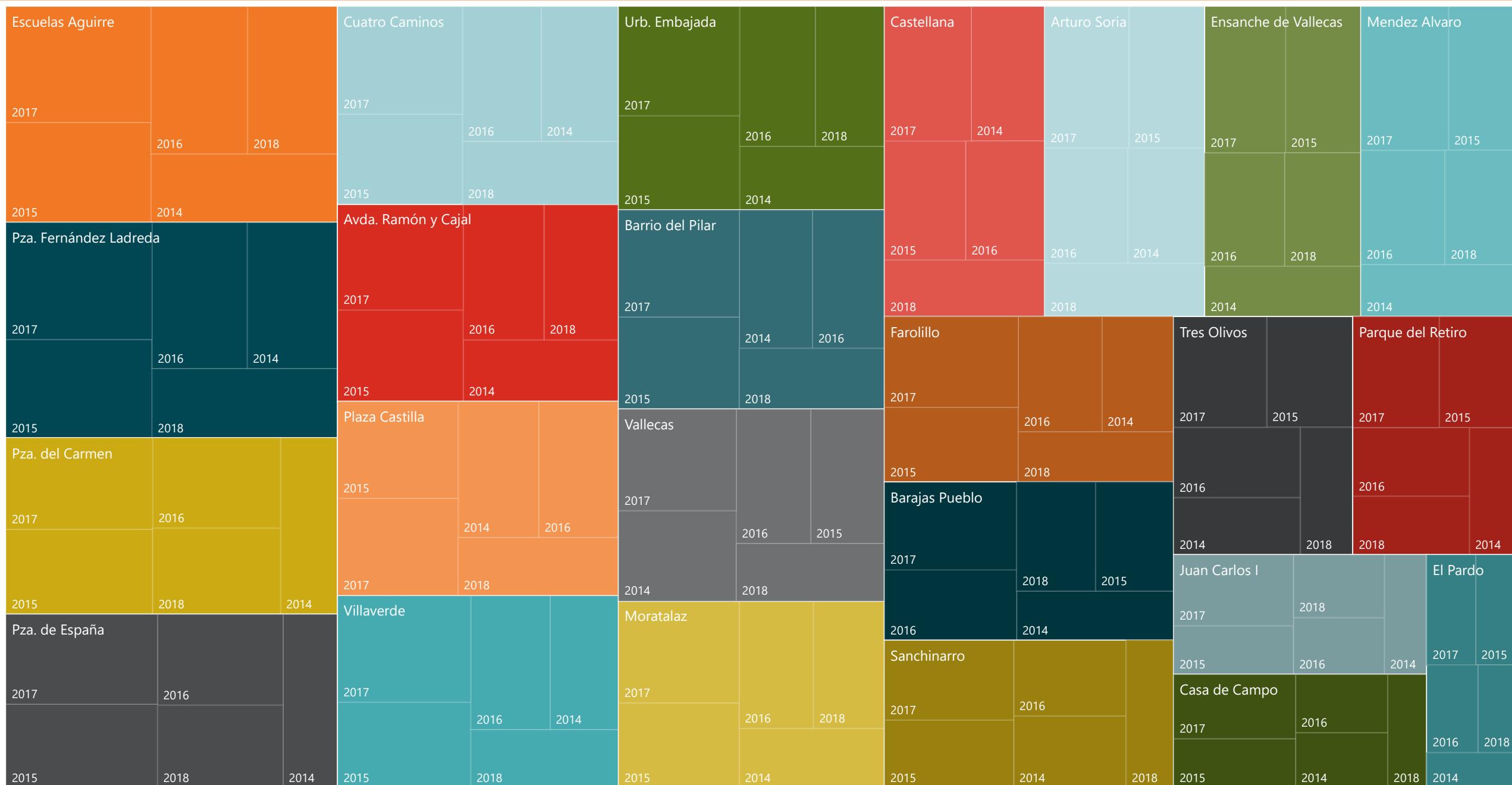


zona

Todas



Extra 3: Diagrama tamaños estaciones (promedio NO₂)



Extra 4: varios nubes de palabras (NO₂)

Domingo
Miércoles
Jueves Sábado
Viernes
Martes
Lunes

noroeste suroeste
M30
interior
noreste sureste

Septiembre Junio Mayo
Marzo Octubre
Noviembre
Diciembre
Abril Enero
Febrero

