Bring it, Barnet! | Data Sources

1. Big Plastic Count: https://thebigplasticcount.com/
2. ibid.
3. Our World in Data https://ourworldindata.org/ghg-emissions-plastics
4. Google Maps: one length of Barnet is around 9 miles. The UN estimates that the average car emits 400g of carbon per mile (https://www.epa.gov/greenvehicles/greenhouse-gas-emissions-typical-passenger-vehicle#:~:text=including%20the%20calculations.-,How%20much%20tailpipe%20carbon%20dioxide%20(CO2)%20is%20emitted%20from,of%20CO2%20per%20mile). 457 kg of carbon is equal to 1142.5 miles, which when divided by 9 miles (Barnet) is 126.94 lengths of the borough.
5. Carbon Independent: https://www.carbonindependent.org/23.html#:~:text=Including%20all%20greenhouse%20gases%2C%20the,equivalent%20per%20person%20per%20year.
6. For a family of four that collectively drink 7.5 litres of bottled water a day. Two of them each drink a hot drink on the go three times per week and buy five plastic carrier bags per week. They could save, per year:£4,793 (water bottles)£62.40 (hot drinks for two people) £26 (for 5 x 10p single-use plastic bags) TOTAL: £4,881.40
7. Refill: https://www.refill.org.uk/the-problem-with-plastic-3/
8. A 2017 report from the UK's House of Commons Environmental Audit Committee, cited in The Guardian (2020): https://www.theguardian.com/environment/2020/apr/26/why-britains-25-billion-paper-coffee-cups-are-an-eco-disaster
9. Frugalpac: https://frugalpac.com/new-coffee-cup-study-reveals/
10. The Guardian (2020): https://www.theguardian.com/environment/2020/apr/26/why-britains-25-billion-paper-coffee-cups-are-an-eco-disaster
11. Less is More: https://lessismore.org/materials/47-plastic-bags/#:~:text=Plastic%20bags%20are%20inherently%20difficult,contaminants%20in%20our%20commingled%20recycling.
12. CO2 Everything: https://www.co2everything.com/co2e-of/plastic-bag
13. NLWA (2022): https://www.nlwa.gov.uk/news/north-london-residents-throw-away-over-46-million-pieces-plastic-week
14. If the average plastic container weighs 200 g, 46 million pieces X 200 g = 9200000000 grams = 9054.700054022 tons.
15. If the average plastic container is 1l / 1000cm3. The dimension of one UK football pitch is 100 x 64 m. The volume of one pitch is therefore 64000000 cm3 / 64 m3 (at a height of 1 cm). 64000000 cm3 / 1000 cm3 = 64000 plastic items per pitch. 46 million items / 64000 items = 718.7 pitches.
16. If the average plastic container is 1l / 1000cm3. The area of Barnet Park is 22,689 m2. The volume (at a height of 1 cm) is therefore 226.89 m3 / 226890000 cm3. 226890000 cm3 / 1000 cm3 = 226890 plastic items per park. 46 million items / 226890 items = 202.741416545 parks