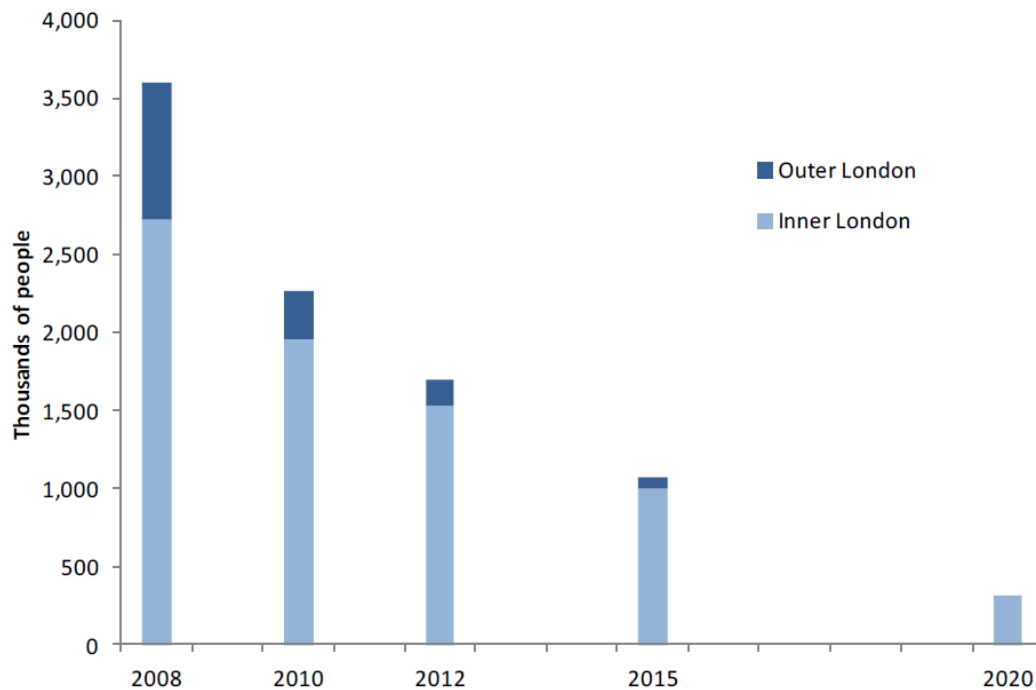


London Atmospheric Emissions Inventory 2010

Estimated number of Londoners living in areas where average concentrations exceed the EU legal annual limit value for NO₂ (40ug/m³) for 2008 to 2020, broken down by borough (residential population only)



Trend analysis

In 2008 around 3.6 million Londoners were estimated to live in areas exceeding the EU legal annual limit value for NO₂. However thanks in part to the measures the Mayor has implemented, including tighter low emission zone standards, cleaning up the bus fleet and retiring more than 3,000 of the oldest most polluting taxis, by 2012 this figure was estimated to have more than halved to 1.7 million Londoners (or about 20% of the population).

On current trends, by 2016 it is expected the figure will further reduce to around 1 million people and by 2020 to be around 300,000, mainly in central London. Consequently, the Mayor has proposed a central London Ultra Low Emission Zone from 2020 and other measures to help address these remaining hotspots.

Notes on methodology:

The figures are estimates based on the London Atmospheric Emissions Inventory and residential population data based on 2011 census data and population projections. They do not reflect commuter/visitor exposure and are only a tool for approximating total exposure and associated trends.

Source:

Aether on behalf of the GLA

Local Authority name	2008	2010	2012	2015	2020
Camden	214,000	192,000	164,000	125,000	49,000
City of London	7,000	7,000	7,000	7,000	7,000
Hackney	220,000	154,000	99,000	40,000	7,000
Hammersmith and Fulham	182,000	143,000	81,000	57,000	5,000
Haringey	121,000	32,000	13,000	4,000	-
Islington	205,000	175,000	146,000	99,000	39,000
Kensington and Chelsea	159,000	159,000	149,000	118,000	17,000
Lambeth	268,000	178,000	137,000	61,000	15,000
Lewisham	150,000	64,000	31,000	4,000	-
Newham	224,000	66,000	38,000	19,000	-
Southwark	278,000	221,000	176,000	115,000	36,000
Tower Hamlets	254,000	245,000	208,000	139,000	59,000
Wandsworth	230,000	108,000	82,000	41,000	2,000
Westminster	219,000	211,000	200,000	171,000	73,000
Barking and Dagenham	27,000	4,000	-	-	-
Barnet	58,000	30,000	14,000	2,000	-
Bexley	5,000	1,000	-	-	-
Brent	166,000	84,000	49,000	21,000	
Bromley	2,000	-	-	-	-
Croydon	41,000	8,000	4,000	-	-
Ealing	141,000	68,000	46,000	35,000	-

Local Authority name	2008	2010	2012	2015	2020
Enfield	31,000	5,000	2,000	-	-
Greenwich	90,000	38,000	13,000	3,000	-
Harrow	-	-	-	-	-
Havering	-	-	-	-	-
Hillingdon	26,000	4,000	-	-	-
Hounslow	76,000	29,000	19,000	5,000	-
Kingston upon Thames	11,000	3,000	-	-	-
Merton	39,000	-	-	-	-
Redbridge	36,000	12,000	5,000	3,000	-
Richmond upon Thames	38,000	1,000	-	-	-
Sutton	-	-	-	-	-
Waltham Forest	84,000	23,000	12,000	2,000	-
Total	3,602,000	2,265,000	1,695,000	1,071,000	309,000