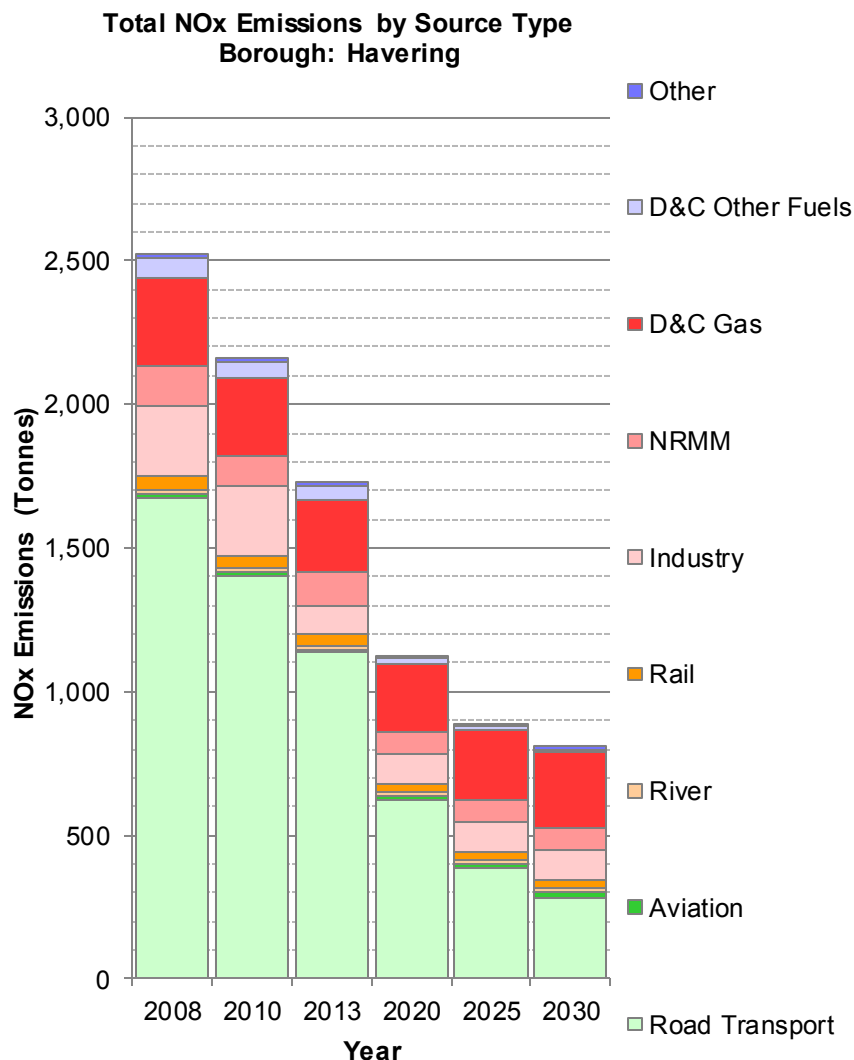


# London Atmospheric Emissions Inventory

## NOx Emissions - Havering



Emissions (Tonnes) by	2008	2010	2013	2020	2025	2030
Road Transport	1,673	1,405	1,136	623	385	284
Aviation	17	12	13	15	17	19
River	12	12	9	10	12	13
Rail	46	42	40	31	31	31
Industry	247	247	101	101	101	101
NRMM	137	102	121	80	78	78
D&C Gas	309	275	251	237	241	262
D&C Other Fuels	66	52	46	20	14	12
Other	19	16	12	10	5	11
<b>Total</b>	<b>2,526</b>	<b>2,163</b>	<b>1,728</b>	<b>1,127</b>	<b>883</b>	<b>810</b>

### Notes:

(D&C = Domestic and Commercial)

The summary graph represents emissions from each source stacked on top of one another, with the total stack height equalling the total emissions from all sources.

The numbers in the table are those used to plot the graph and represent the tonnes of pollution emitted into the atmosphere in that year (T/y).

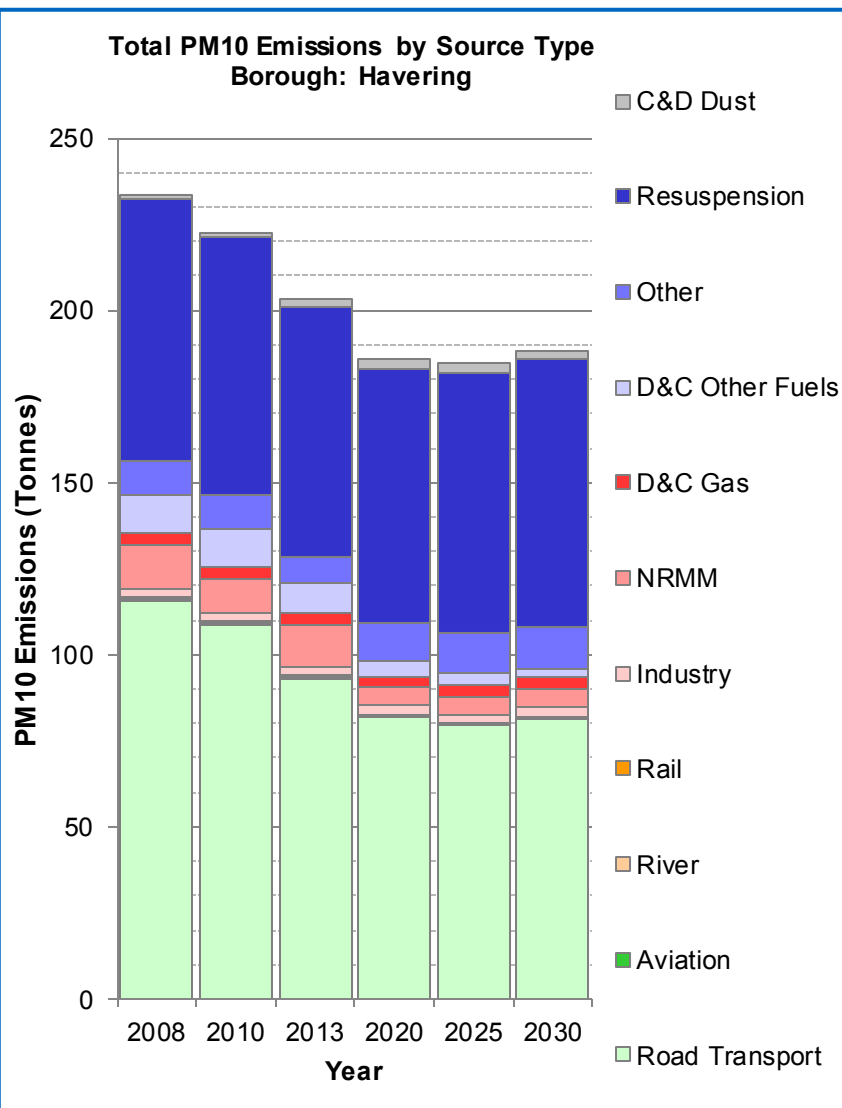
The emissions are combined into reasonably self explanatory "Source Types".

However, the categories: "Industry", "NRMM" and "Other" require further explanation:

- **Industry:** is the total emission from Part A and Part B industrial processes, combined.
- **Non-Road Mobile Machinery (NRMM):** is the total emissions from construction and industrial off road machines, combined.
- **Other:** is the total emission from a number of small sources including: agriculture, outdoor fires, garden emissions, forests, waste and waste transfer sites, combined.

# London Atmospheric Emissions Inventory

## PM10 Emissions - Havering



Emissions (Tonnes) by	2008	2010	2013	2020	2025	2030
Road Transport	115.8	108.9	93.1	82.0	79.3	81.3
Aviation	0.1	0.1	0.1	0.1	0.1	0.1
River	0.1	0.3	0.2	0.2	0.2	0.2
Rail	0.6	0.6	0.5	0.4	0.4	0.4
Industry	2.2	2.2	2.7	2.7	2.7	2.7
NRMM	13.1	9.9	12.1	5.2	5.2	5.2
D&C Gas	3.6	3.4	3.3	3.0	3.1	3.3
D&C Other Fuels	10.8	11.3	8.6	4.8	3.6	2.8
Other	10.1	9.6	8.1	10.9	11.6	11.9
Resuspension	75.8	75.1	72.3	73.9	75.8	77.7
C&D Dust	1.1	1.0	2.2	2.4	2.4	2.4
<b>Total</b>	<b>233.4</b>	<b>222.3</b>	<b>203.2</b>	<b>185.6</b>	<b>184.4</b>	<b>188.1</b>

### Notes:

(D&C = Domestic and Commercial – C&D = Construction and Demolition)

The summary graph represents emissions from each source stacked on top of one another, with the total stack height equalling the total emissions from all sources.

The numbers in the table are those used to plot the graph and represent the tonnes of pollution emitted into the atmosphere in that year (T/y).

The emissions are combined into reasonably self explanatory "Source Types".

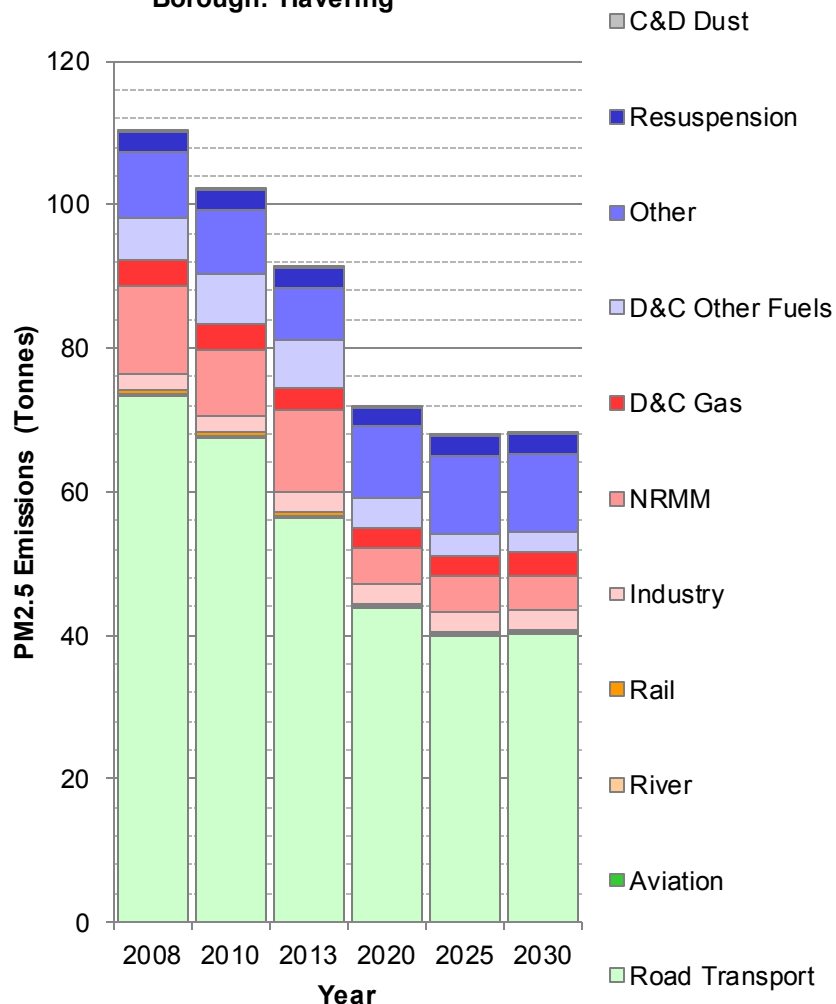
However, the categories: "Industry", "NRMM" and "Other" require further explanation:

- **Industry:** is the total emission from Part A and Part B industrial processes, combined.
- **Non-Road Mobile Machinery (NRMM):** is the total emissions from construction and industrial off road machines, combined.
- **Other:** is the total emission from a number of small sources including: agriculture, outdoor fires, garden emissions, forests, waste and waste transfer sites, combined.

# London Atmospheric Emissions Inventory

## PM2.5 Emissions - Havering

**Total PM2.5 Emissions by Source Type**  
Borough: Havering



Emissions (Tonnes)		2008	2010	2013	2020	2025	2030
by							
Road Transport		73.5	67.5	56.4	43.8	39.9	40.0
Aviation		0.1	0.1	0.1	0.1	0.1	0.1
River		0.1	0.3	0.2	0.2	0.2	0.2
Rail		0.6	0.5	0.5	0.4	0.4	0.4
Industry		2.2	2.2	2.7	2.7	2.7	2.7
NRMM		12.4	9.3	11.4	4.9	4.9	4.9
D&C Gas		3.6	3.4	3.3	3.0	3.1	3.3
D&C Other Fuels		5.6	7.2	6.6	4.0	3.0	2.8
Other		9.3	8.8	7.4	10.0	10.7	10.9
Resuspension		2.8	2.7	2.6	2.7	2.8	2.9
C&D Dust		0.1	0.1	0.2	0.2	0.2	0.2
Total		110.2	102.1	91.4	72.0	67.9	68.4

### Notes:

(D&C = Domestic and Commercial – C&D = Construction and Demolition)

The summary graph represents emissions from each source stacked on top of one another, with the total stack height equalling the total emissions from all sources.

The numbers in the table are those used to plot the graph and represent the tonnes of pollution emitted into the atmosphere in that year (T/y).

The emissions are combined into reasonably self explanatory "Source Types".

However, the categories: "Industry", "NRMM" and "Other" require further explanation:

- **Industry:** is the total emission from Part A and Part B industrial processes, combined.
- **Non-Road Mobile Machinery (NRMM):** is the total emissions from construction and industrial off road machines, combined.
- **Other:** is the total emission from a number of small sources including: agriculture, outdoor fires, garden emissions, forests, waste and waste transfer sites, combined.

# London Atmospheric Emissions Inventory

## CO2 Emissions - Havering

