

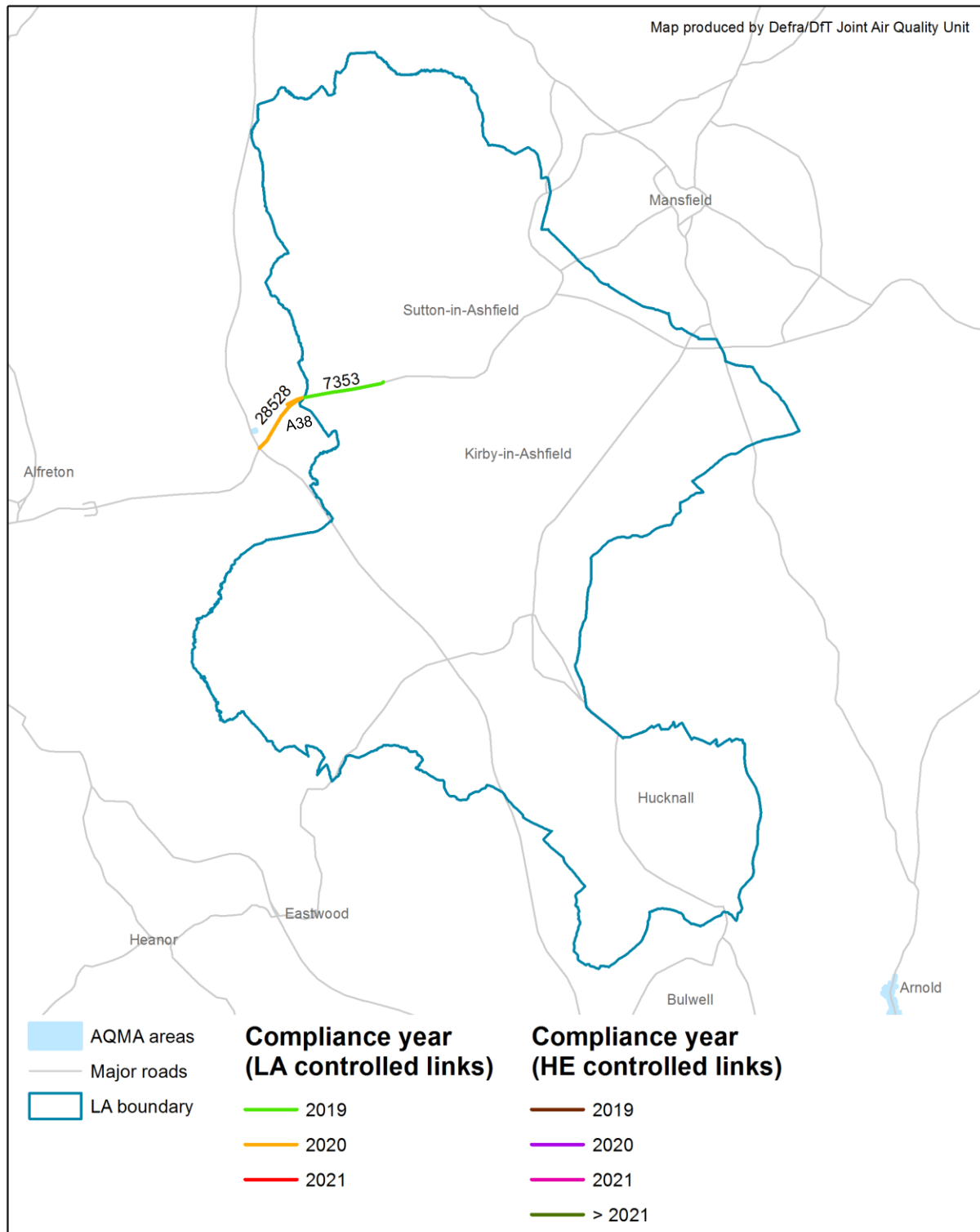
Annex A: maps and source apportionment data for third wave local authorities with nitrogen dioxide (NO₂) projected exceedances

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Ashfield District Council

Map of Projected Exceedances



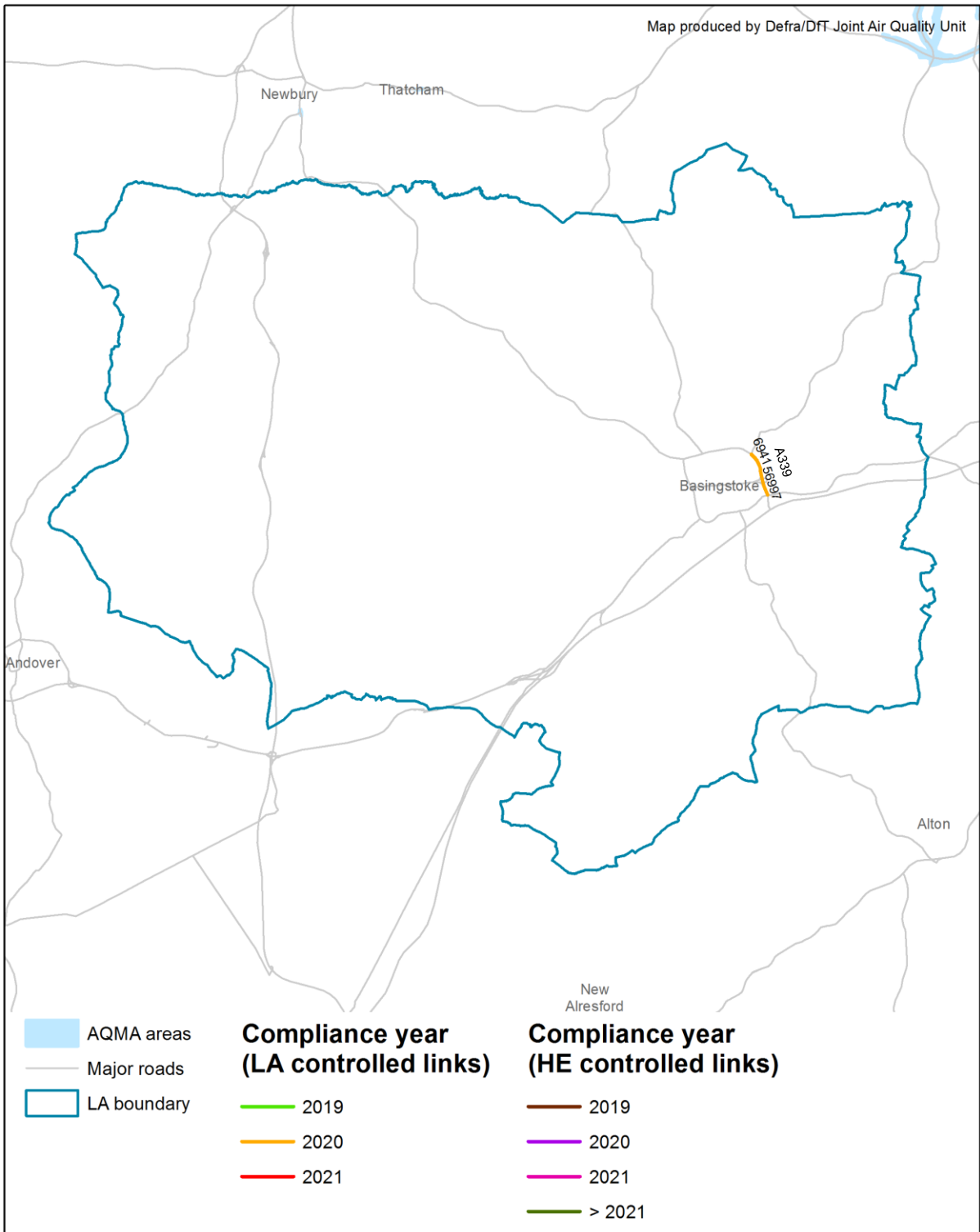
Ashfield District Council

Table of Projected Exceedances

Road(s) in exceedance	Census ID	Annual mean nitrogen dioxide concentration. All figures are provided in $\mu\text{g}/\text{m}^3$ and $40 \mu\text{g}/\text{m}^3$ is the statutory annual mean limit value for NO_2 .					Source apportionment for total NO_x 2015 (figures may not sum to 100% due to rounding)
		2017	2018	2019	2020	2021	
A38	7353	44	42	40	37	35	6% Regional background, 6% Urban background (non-traffic), 9% Urban background (traffic), 23% Diesel cars, 5% Petrol cars, 19% Diesel LGVs, 0% Petrol LGVs, 16% HGVr, 15% HGVa, 1% Buses

Basingstoke and Deane Borough Council

Map of Projected Exceedances



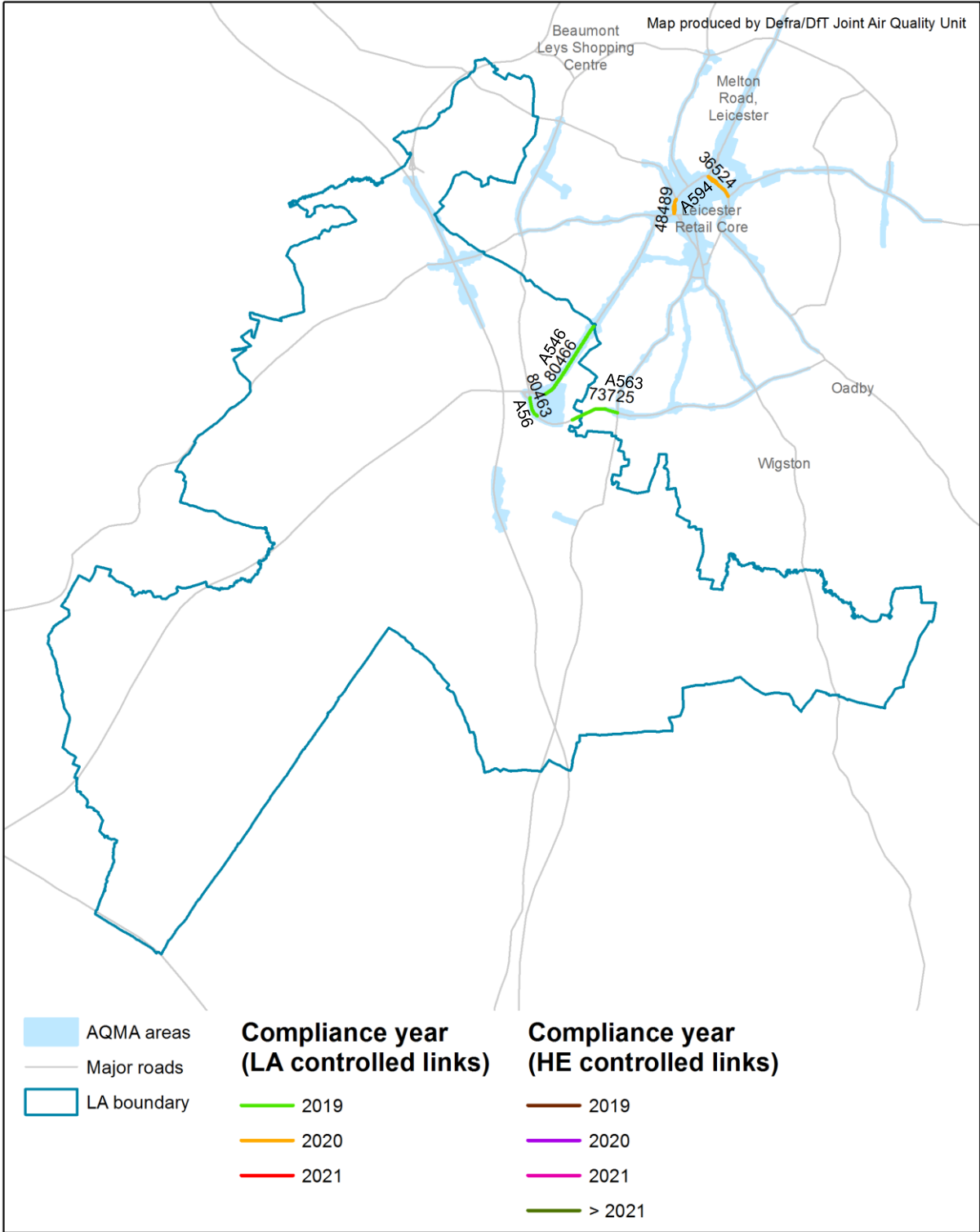
Basingstoke and Deane Borough Council

Table of Projected Exceedances

Road(s) in exceedance	Census ID	Annual mean nitrogen dioxide concentration. All figures are provided in $\mu\text{g}/\text{m}^3$ and $40 \mu\text{g}/\text{m}^3$ is the statutory annual mean limit value for NO_2 .					Source apportionment for total NO_x 2015 (figures may not sum to 100% due to rounding)
		2017	2018	2019	2020	2021	
A339 ¹	56997	45	43	41	39	36	5% Regional background, 5% Urban background (non-traffic), 9% Urban background (traffic), 31% Diesel cars, 7% Petrol cars, 19% Diesel LGVs, 0% Petrol LGVs, 14% HGVr, 9% HGVa, 2% Buses
A339	6941	45	42	41	38	36	5% Regional background, 8% Urban background (non-traffic), 9% Urban background (traffic), 29% Diesel cars, 7% Petrol cars, 19% Diesel LGVs, 0% Petrol LGVs, 12% HGVr, 10% HGVa, 2% Buses

¹ The current assessment is that there is no public access in the vicinity of this road link and so we currently expect that the local authority will not need to take action on it for the purpose of compliance.

Blaby District Council
Map of Projected Exceedances



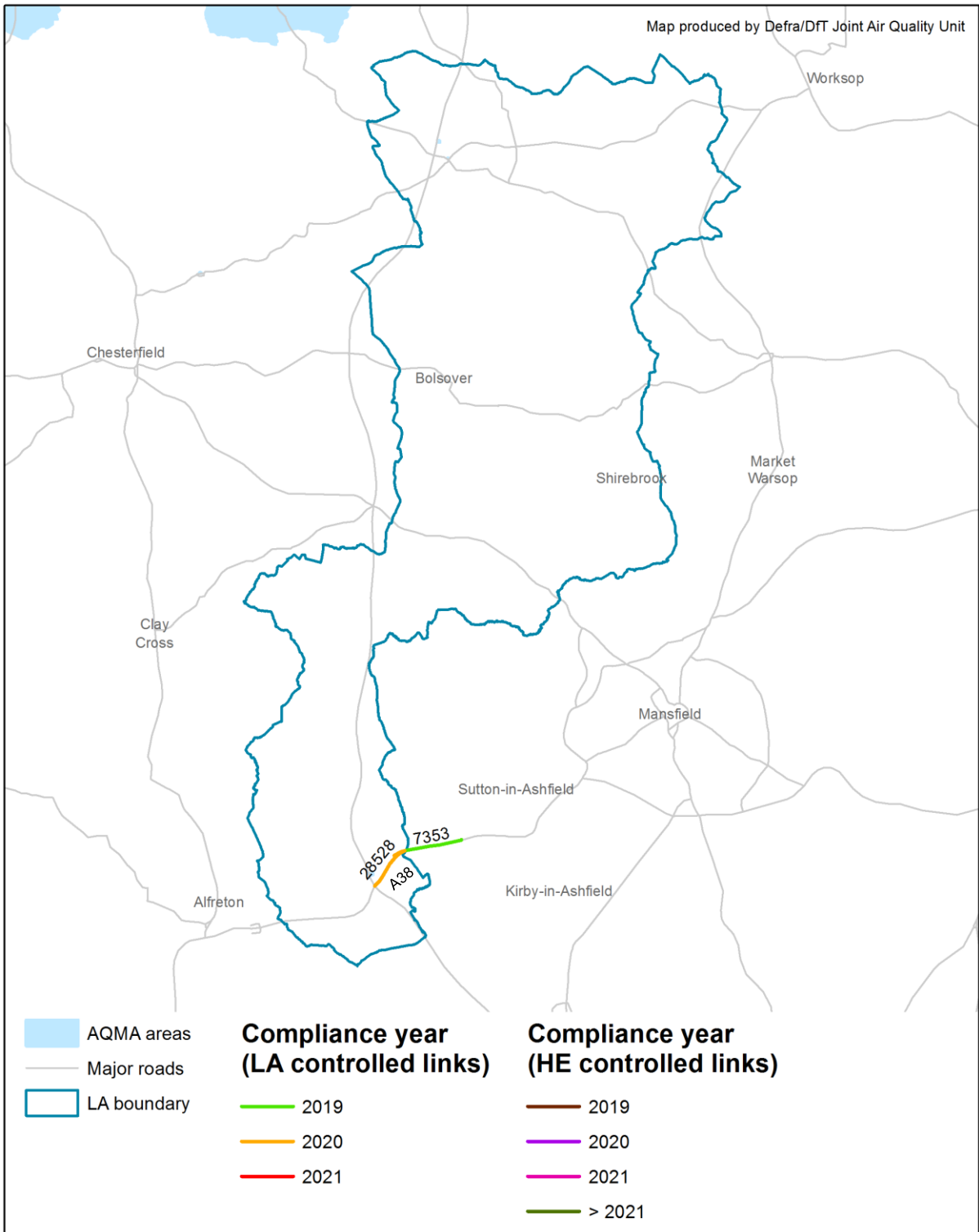
Blaby District Council

Table of Projected Exceedances

Road(s) in exceedance	Census ID	Annual mean nitrogen dioxide concentration. All figures are provided in $\mu\text{g}/\text{m}^3$ and $40 \mu\text{g}/\text{m}^3$ is the statutory annual mean limit value for NO_2 .					Source apportionment for total NO_x 2015 (figures may not sum to 100% due to rounding)
		2017	2018	2019	2020	2021	
A563	80463	44	42	40	38	36	6% Regional background, 6% Urban background (non-traffic), 18% Urban background (traffic), 26% Diesel cars, 6% Petrol cars, 16% Diesel LGVs, 0% Petrol LGVs, 11% HGVr, 9% HGVa, 2% Buses
A5460	80466	43	41	40	38	36	7% Regional background, 6% Urban background (non-traffic), 20% Urban background (traffic), 29% Diesel cars, 7% Petrol cars, 17% Diesel LGVs, 0% Petrol LGVs, 6% HGVr, 2% HGVa, 5% Buses

Bolsover District Council

Map of Projected Exceedances



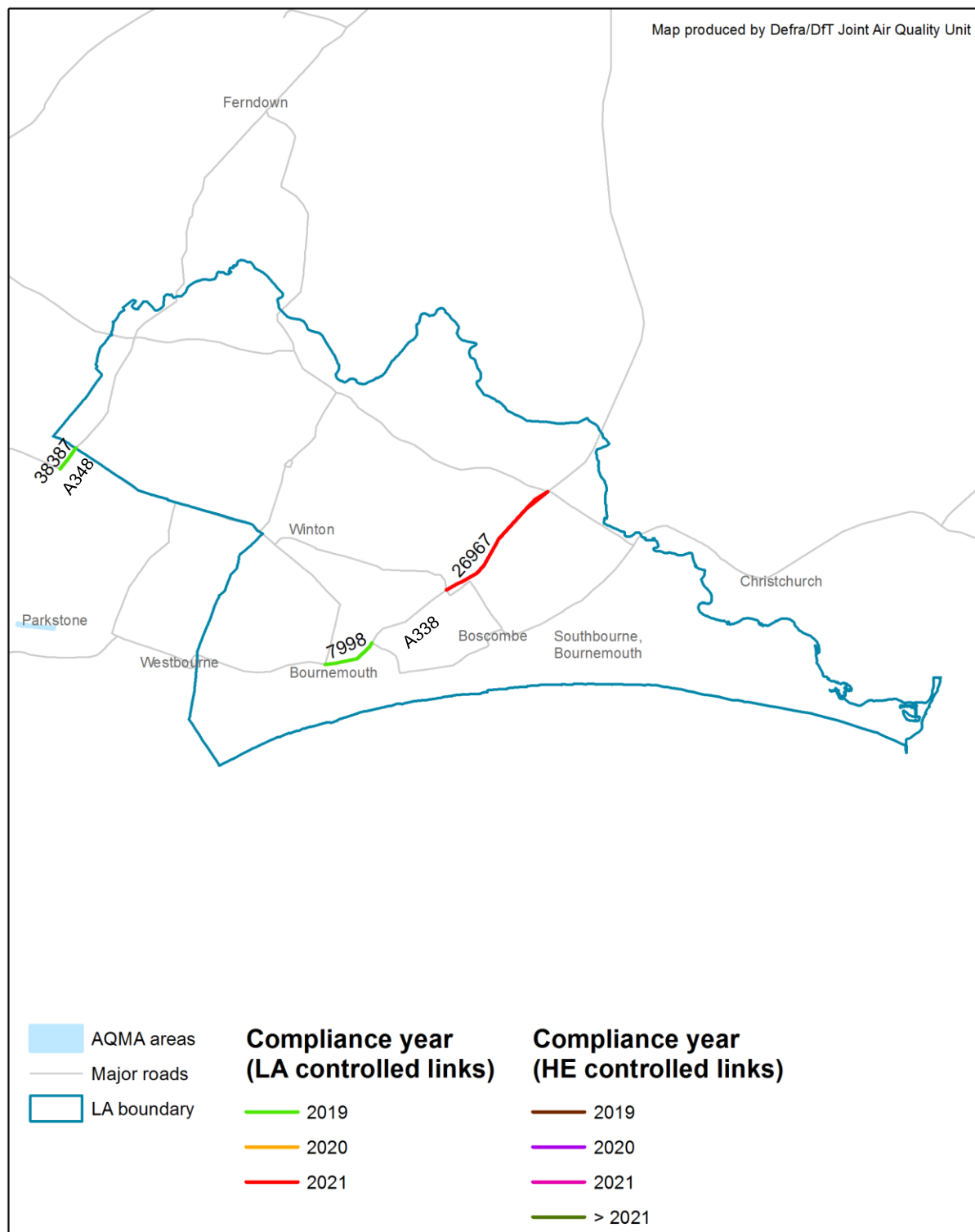
Bolsover District Council

Table of Projected Exceedances

Road(s) in exceedance	Census ID	Annual mean nitrogen dioxide concentration. All figures are provided in $\mu\text{g}/\text{m}^3$ and 40 $\mu\text{g}/\text{m}^3$ is the statutory annual mean limit value for NO_2 .					Source apportionment for total NO_x 2015 (figures may not sum to 100% due to rounding)
		2017	2018	2019	2020	2021	
A38	28528	48	45	43	40	38	5% Regional background, 5% Urban background (non-traffic), 16% Urban background (traffic), 20% Diesel cars, 5% Petrol cars, 15% Diesel LGVs, 0% Petrol LGVs, 14% HGVr, 18% HGVa, 0% Buses

Bournemouth City Council

Map of Projected Exceedances



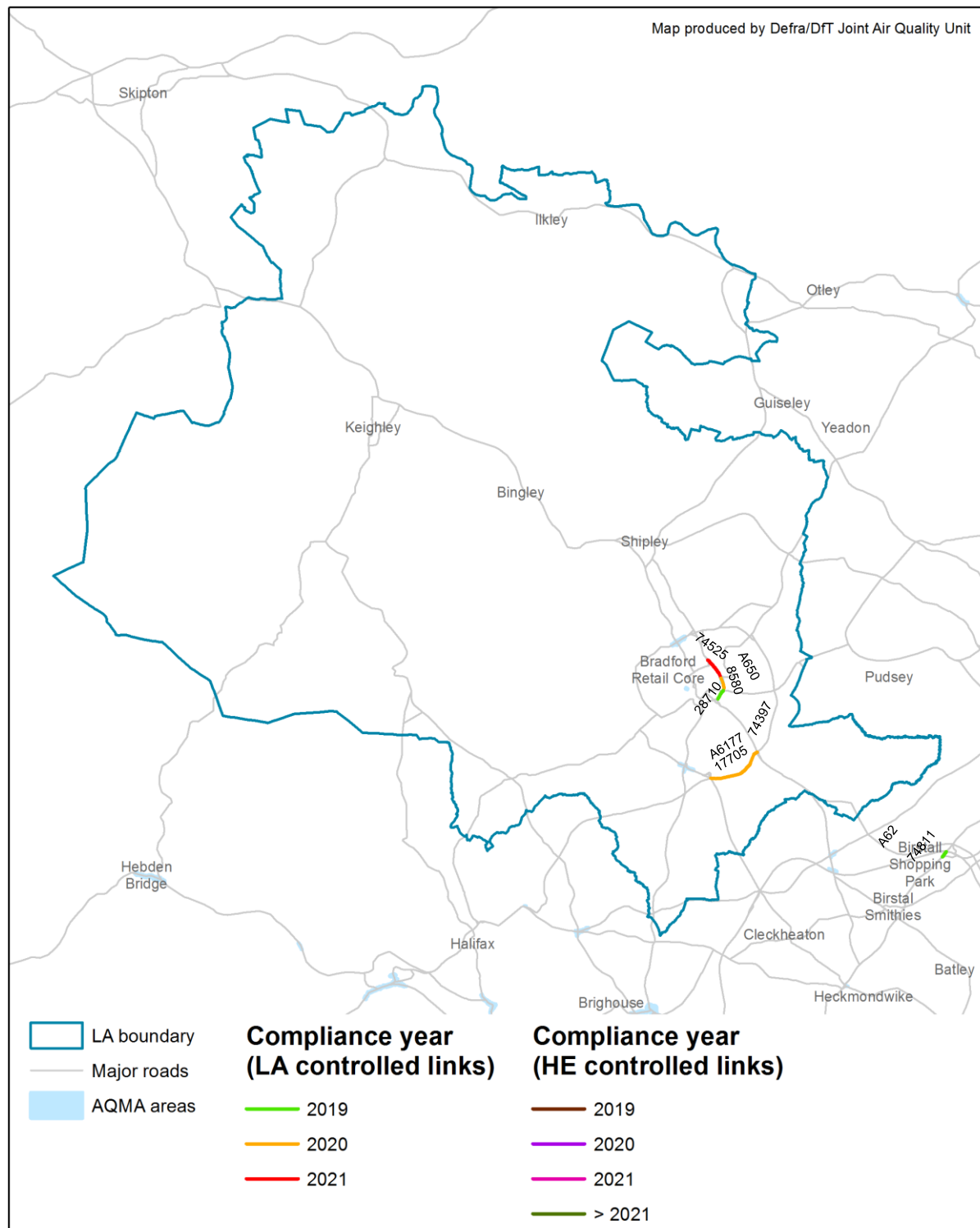
Bournemouth City Council

Table of Projected Exceedances

Road(s) in exceedance	Census ID	Annual mean nitrogen dioxide concentration. All figures are provided in $\mu\text{g}/\text{m}^3$ and $40 \mu\text{g}/\text{m}^3$ is the statutory annual mean limit value for NO_2 .					Source apportionment for total NO_x 2015 (figures may not sum to 100% due to rounding)
		2017	2018	2019	2020	2021	
A338	26967	46	45	43	41	39	4% Regional background, 4% Urban background (non-traffic), 9% Urban background (traffic), 38% Diesel cars, 9% Petrol cars, 20% Diesel LGVs, 0% Petrol LGVs, 6% HGVr, 2% HGVa, 7% Buses
A338	7998	43	41	40	38	36	5% Regional background, 7% Urban background (non-traffic), 11% Urban background (traffic), 37% Diesel cars, 9% Petrol cars, 20% Diesel LGVs, 0% Petrol LGVs, 7% HGVr, 2% HGVa, 4% Buses

City of Bradford Metropolitan District Council

Map of Projected Exceedances



City of Bradford Metropolitan District Council

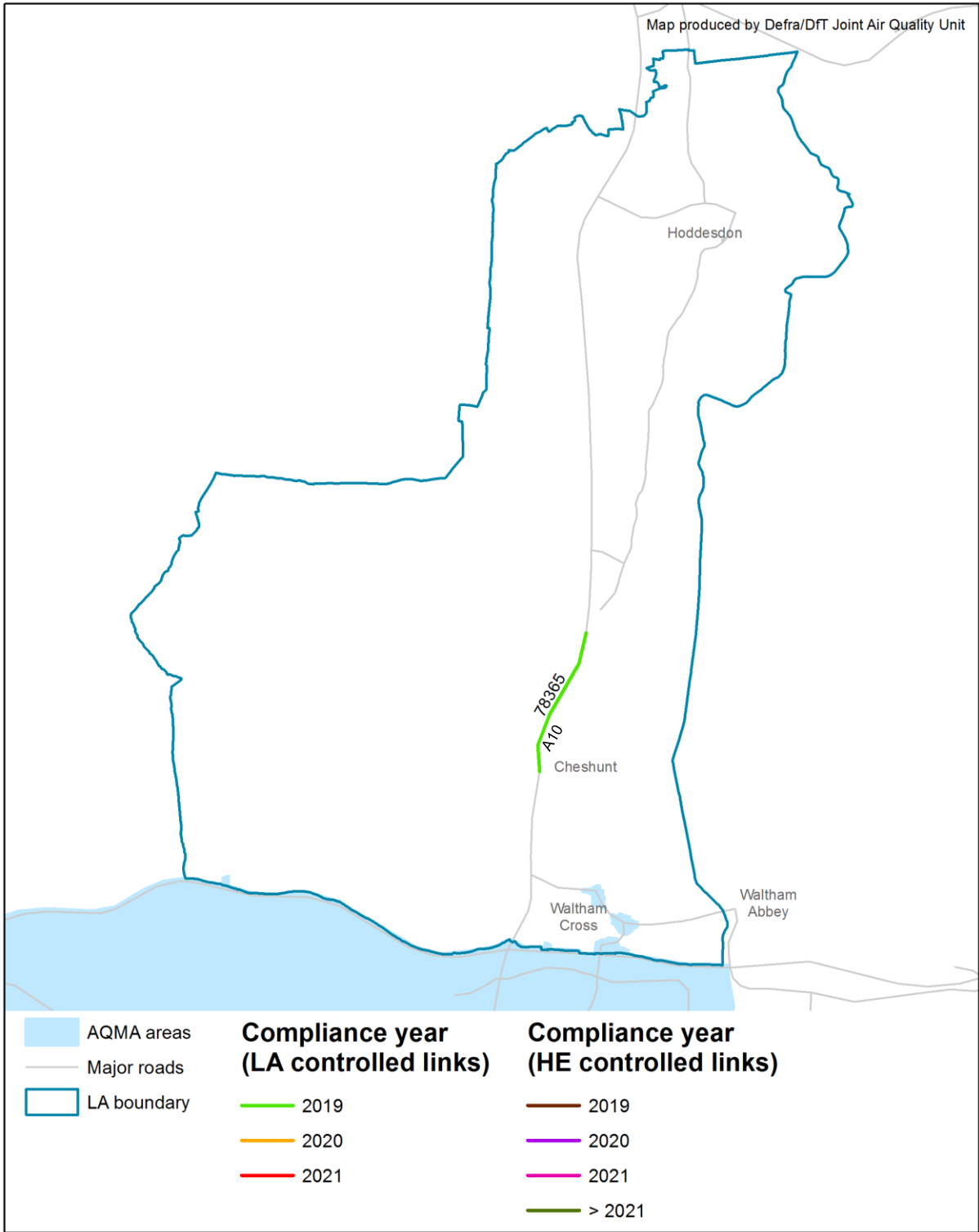
Table of Projected Exceedances

Road(s) in exceedance	Census ID	Annual mean nitrogen dioxide concentration. All figures are provided in $\mu\text{g}/\text{m}^3$ and $40 \mu\text{g}/\text{m}^3$ is the statutory annual mean limit value for NO_2 .					Source apportionment for total NO_x 2015 (figures may not sum to 100% due to rounding)
		2017	2018	2019	2020	2021	
A650	74525	47	45	43	41	39	5% Regional background, 10% Urban background (non-traffic), 14% Urban background (traffic), 29% Diesel cars, 7% Petrol cars, 14% Diesel LGVs, 0% Petrol LGVs, 13% HGVr, 6% HGVA, 1% Buses
A6177	17705	45	43	41	39	36	5% Regional background, 9% Urban background (non-traffic), 12% Urban background (traffic), 26% Diesel cars, 6% Petrol cars, 15% Diesel LGVs, 0% Petrol LGVs, 13% HGVr, 11% HGVA, 3% Buses

A6177	74397	47	44	42	40	38	5% Regional background, 9% Urban background (non-traffic), 11% Urban background (traffic), 24% Diesel cars, 5% Petrol cars, 15% Diesel LGVs, 0% Petrol LGVs, 16% HGVr, 11% HGVa, 4% Buses
A650	28710	43	42	40	38	36	6% Regional background, 15% Urban background (non-traffic), 16% Urban background (traffic), 26% Diesel cars, 6% Petrol cars, 15% Diesel LGVs, 0% Petrol LGVs, 8% HGVr, 6% HGVa, 2% Buses
A650	8580	44	42	41	39	36	5% Regional background, 11% Urban background (non-traffic), 11% Urban background (traffic), 28% Diesel cars, 6% Petrol cars, 16% Diesel LGVs, 0% Petrol LGVs, 14% HGVr, 6% HGVa, 3% Buses

Broxbourne Borough Council

Map of Projected Exceedances



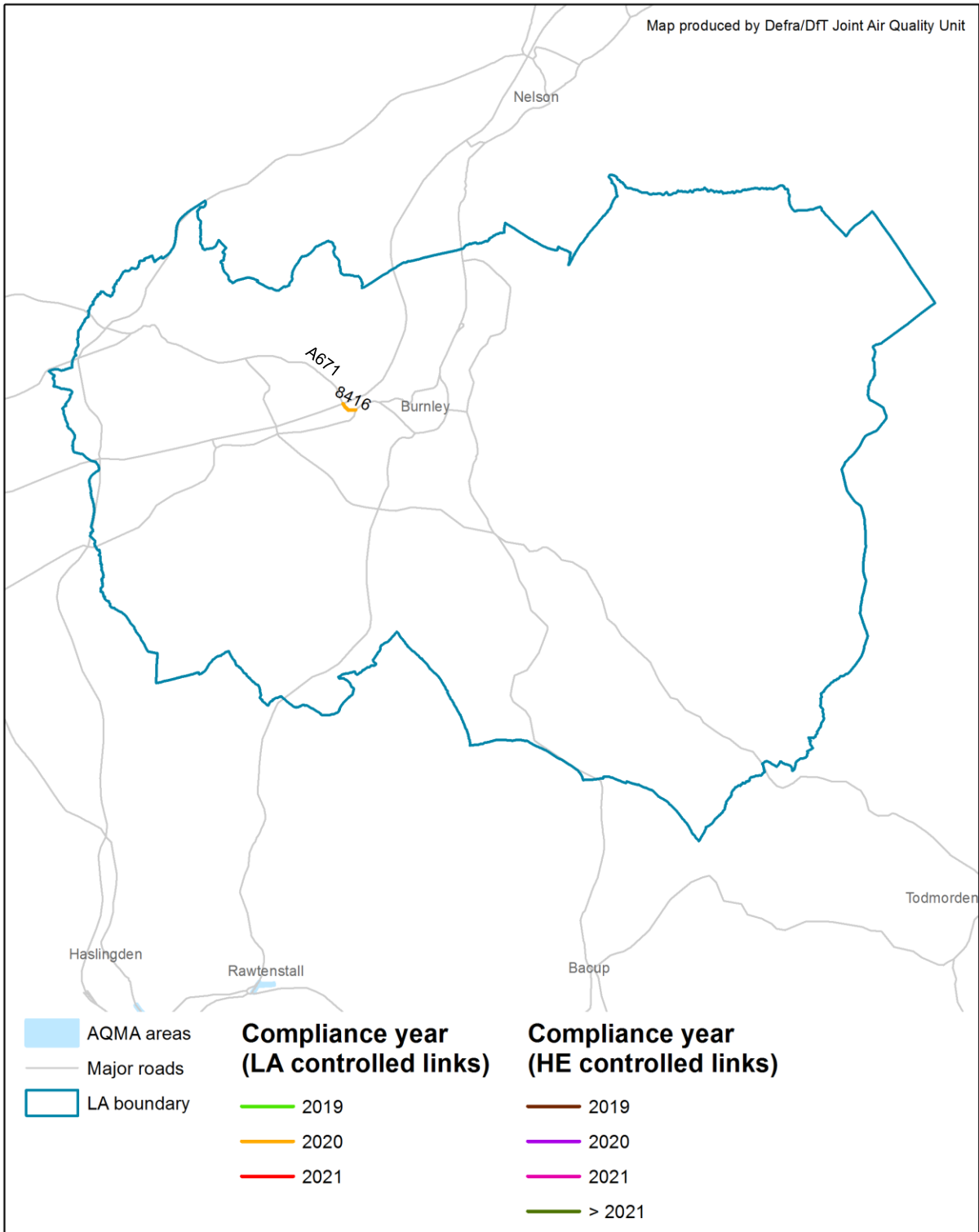
Broxbourne Borough Council

Table of Projected Exceedances

Road(s) in exceedance	Census ID	Annual mean nitrogen dioxide concentration. All figures are provided in $\mu\text{g}/\text{m}^3$ and $40 \mu\text{g}/\text{m}^3$ is the statutory annual mean limit value for NO_2 .					Source apportionment for total NO_x 2015 (figures may not sum to 100% due to rounding)
		2017	2018	2019	2020	2021	
A10	78365	44	41	39	37	35	6% Regional background, 5% Urban background (non-traffic), 12% Urban background (traffic), 25% Diesel cars, 6% Petrol cars, 21% Diesel LGVs, 0% Petrol LGVs, 15% HGVr, 8% HGVa, 1% Buses

Burnley Borough Council

Map of Projected Exceedances



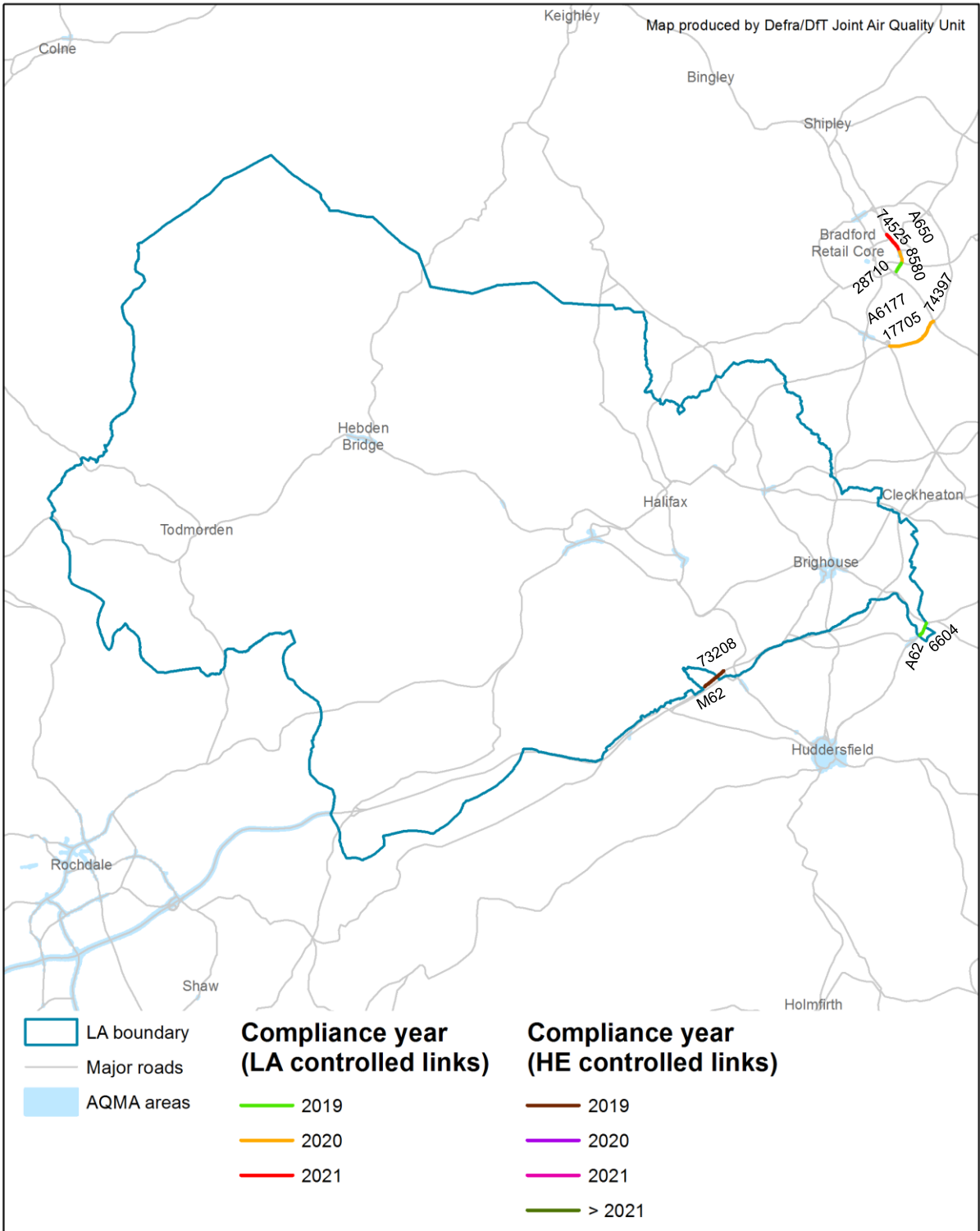
Burnley Borough Council

Table of Projected Exceedances

Road(s) in exceedance	Census ID	Annual mean nitrogen dioxide concentration. All figures are provided in $\mu\text{g}/\text{m}^3$ and 40 $\mu\text{g}/\text{m}^3$ is the statutory annual mean limit value for NO_2 .					Source apportionment for total NO_x 2015 (figures may not sum to 100% due to rounding)
		2017	2018	2019	2020	2021	
A671	8416	45	43	41	39	37	5% Regional background, 7% Urban background (non-traffic), 13% Urban background (traffic), 35% Diesel cars, 8% Petrol cars, 17% Diesel LGVs, 0% Petrol LGVs, 7% HGVr, 2% HGVa, 5% Buses

Calderdale Metropolitan Borough Council

Map of Projected Exceedances



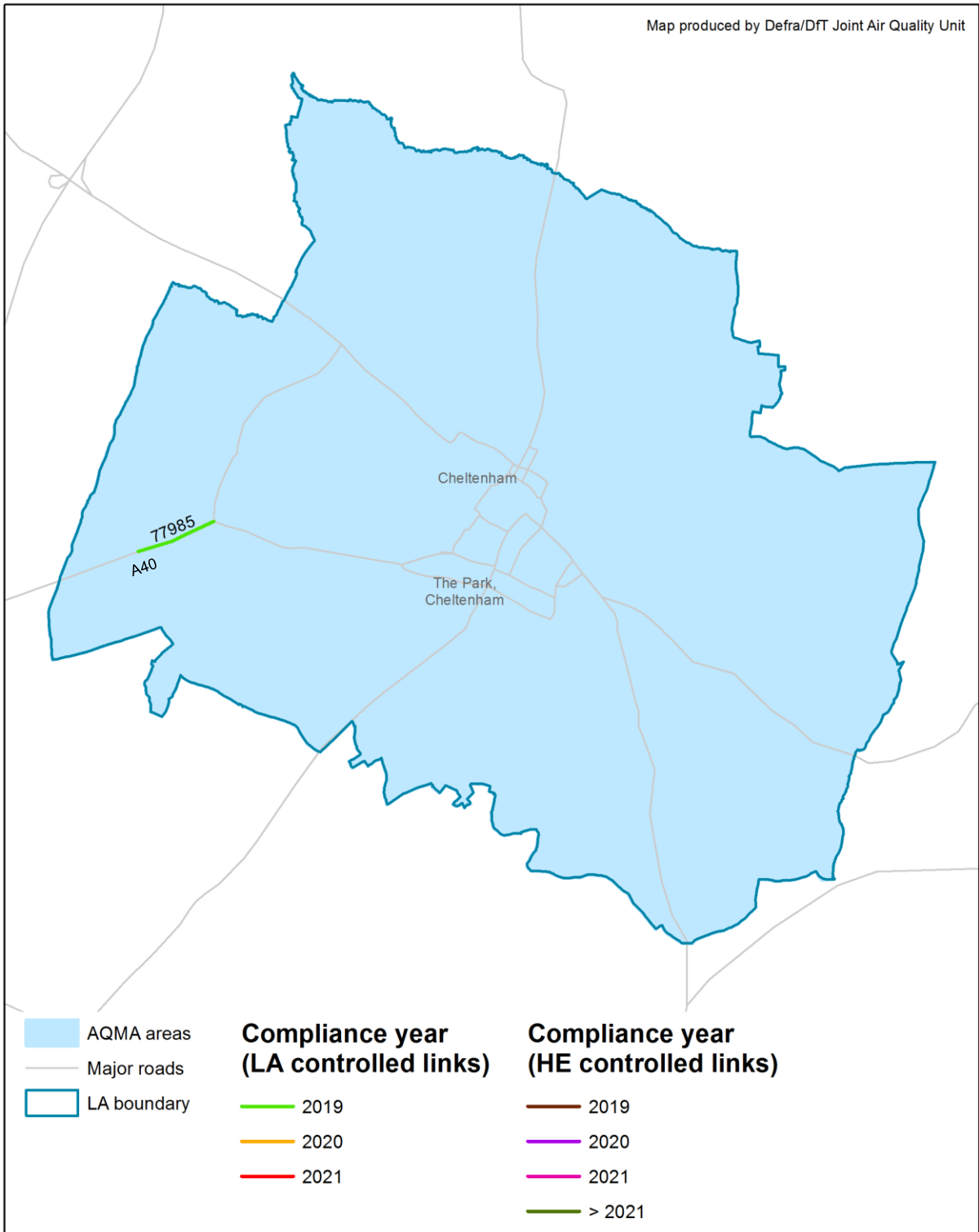
Calderdale Metropolitan Borough Council

Table of Projected Exceedances

Road(s) in exceedance	Census ID	Annual mean nitrogen dioxide concentration. All figures are provided in $\mu\text{g}/\text{m}^3$ and $40 \mu\text{g}/\text{m}^3$ is the statutory annual mean limit value for NO_2 .					Source apportionment for total NO_x 2015 (figures may not sum to 100% due to rounding)
		2017	2018	2019	2020	2021	
A62	6604	45	43	41	38	36	5% Regional background, 8% Urban background (non-traffic), 8% Urban background (traffic), 23% Diesel cars, 5% Petrol cars, 18% Diesel LGVs, 0% Petrol LGVs, 15% HGVr, 10% HGVa, 7% Buses
M62 (Highways England managed)	73208	44	42	40	37	35	5% Regional background, 5% Urban background (non-traffic), 16% Urban background (traffic), 23% Diesel cars, 3% Petrol cars, 20% Diesel LGVs, 0% Petrol LGVs, 8% HGVr, 19% HGVa, 1% Buses

Cheltenham Borough Council

Map of Projected Exceedances



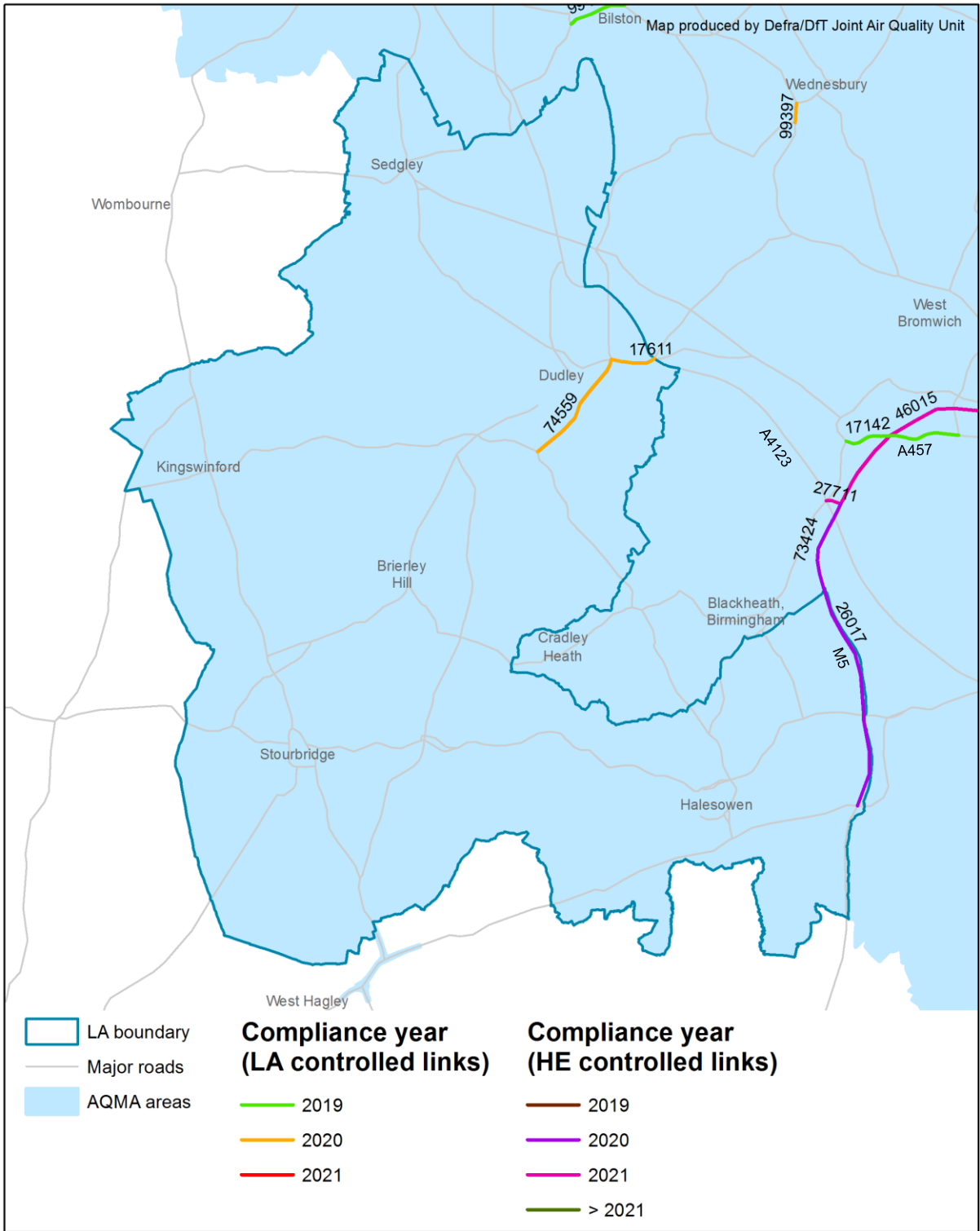
Cheltenham Borough Council

Table of Projected Exceedances

Road(s) in exceedance		Annual mean nitrogen dioxide concentration. All figures are provided in $\mu\text{g}/\text{m}^3$ and 40 $\mu\text{g}/\text{m}^3$ is the statutory annual mean limit value for NO_2 .					Source apportionment for total NO_x 2015 (figures may not sum to 100% due to rounding)
		Census ID	2017	2018	2019	2020	2021
A40	77985	43	41	40	38	36	5% Regional background, 7% Urban background (non-traffic), 8% Urban background (traffic), 38% Diesel cars, 9% Petrol cars, 17% Diesel LGVs, 0% Petrol LGVs, 8% HGVr, 4% HGVa, 5% Buses

Dudley Metropolitan Borough Council

Map of Projected Exceedances



Dudley Metropolitan Borough Council

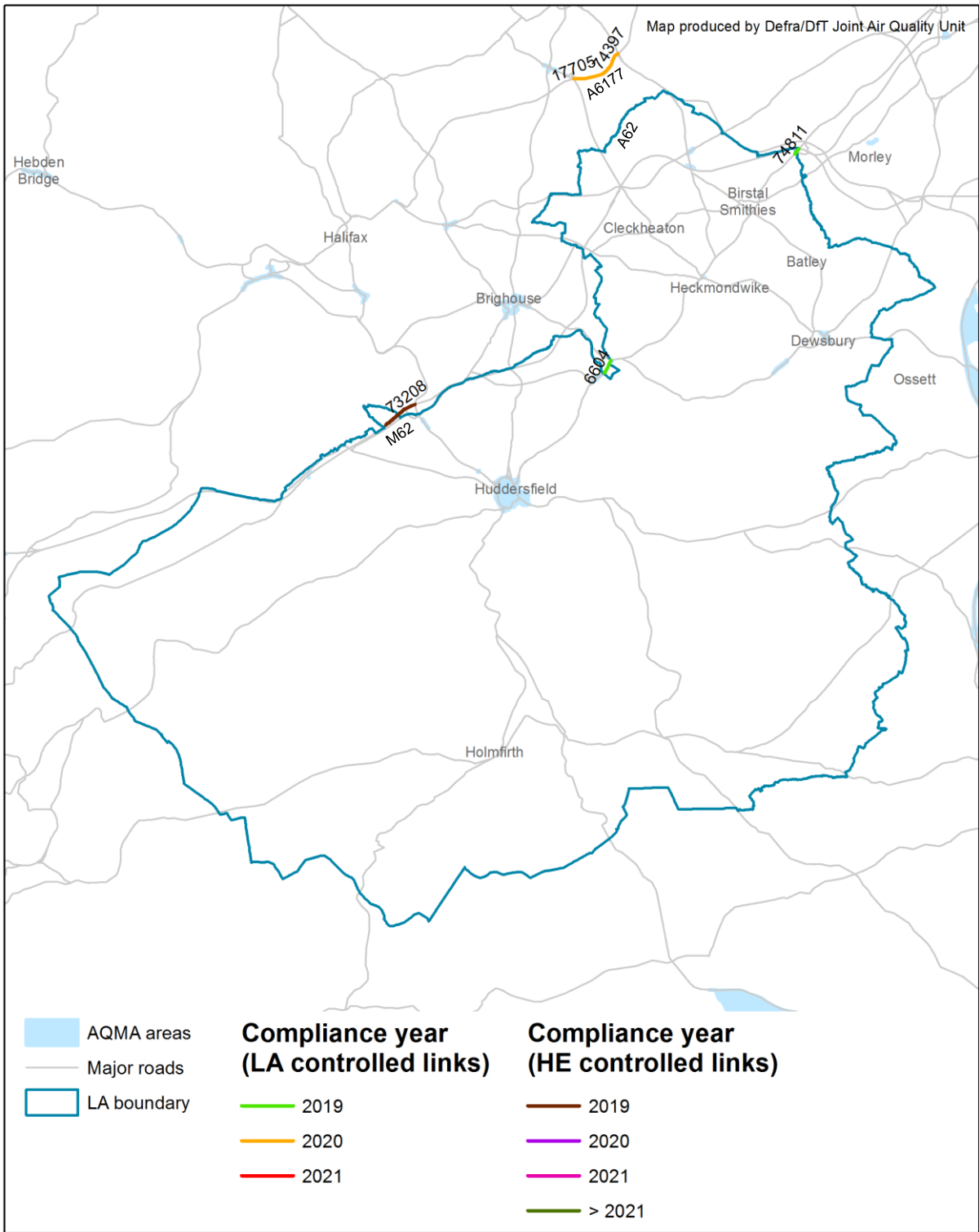
Table of Projected Exceedances

Road(s) in exceedance	Census ID	Annual mean nitrogen dioxide concentration. All figures are provided in $\mu\text{g}/\text{m}^3$ and $40 \mu\text{g}/\text{m}^3$ is the statutory annual mean limit value for NO_2 .					Source apportionment for total NO_x 2015 (figures may not sum to 100% due to rounding)
		2017	2018	2019	2020	2021	
A461	74559	45	43	41	38	36	4% Regional background, 11% Urban background (non-traffic), 13% Urban background (traffic), 22% Diesel cars, 5% Petrol cars, 16% Diesel LGVs, 0% Petrol LGVs, 16% HGVr, 12% HGVa, 1% Buses
A461	17611	45	43	41	39	36	4% Regional background, 10% Urban background (non-traffic), 14% Urban background (traffic), 20% Diesel cars, 5% Petrol cars, 17% Diesel LGVs, 0% Petrol LGVs, 11% HGVr, 9% HGVa, 9% Buses

M5 (Highways England managed)	26017	45	43	41	39	36	5% Regional background, 8% Urban background (non-traffic), 18% Urban background (traffic), 23% Diesel cars, 3% Petrol cars, 25% Diesel LGVs, 0% Petrol LGVs, 8% HGVr, 10% HGVa, 0% Buses
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Kirklees Metropolitan Borough Council

Map of Projected Exceedances



Kirklees Metropolitan Borough Council

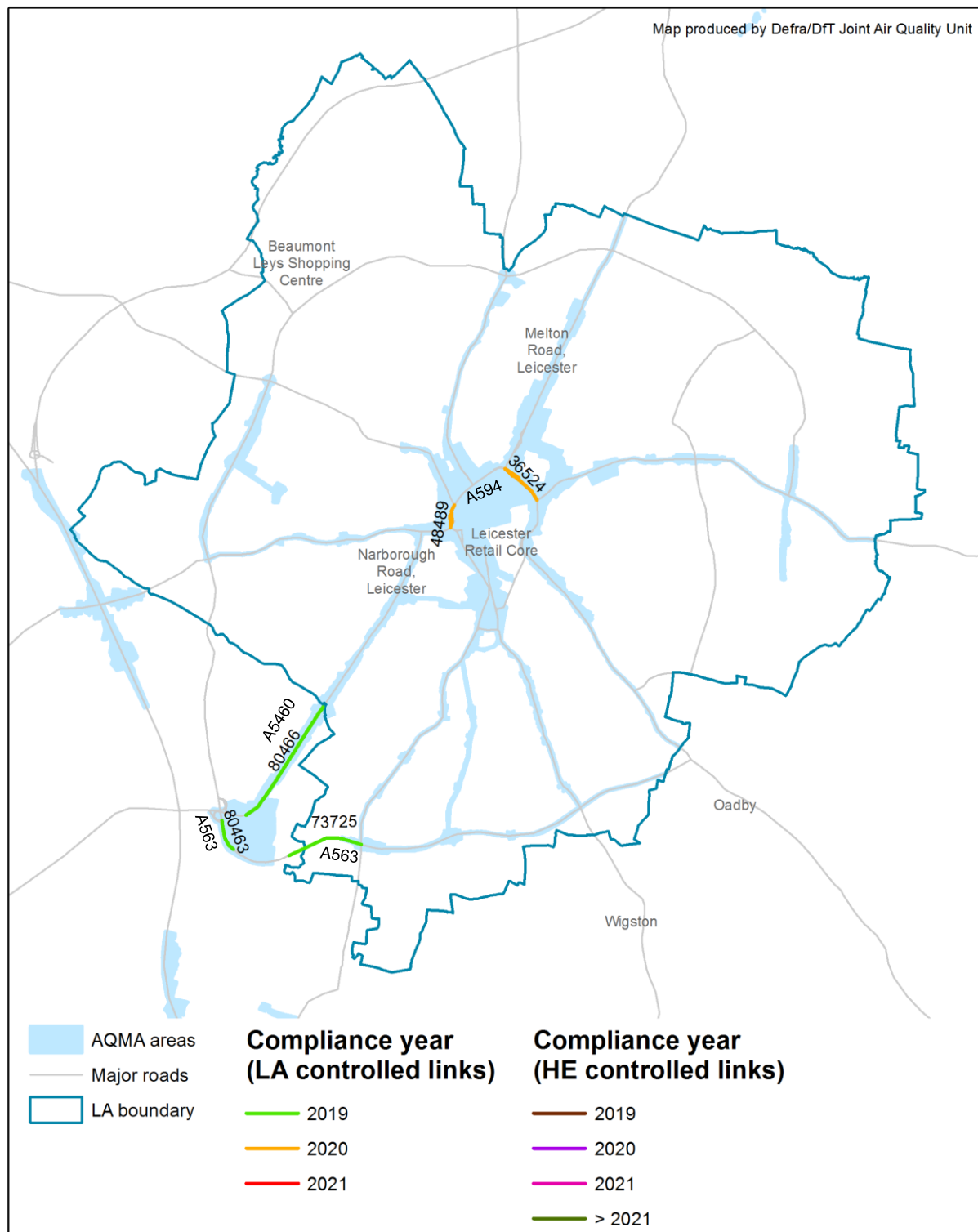
Table of Projected Exceedances

Road(s) in exceedance	Census ID	Annual mean nitrogen dioxide concentration. All figures are provided in $\mu\text{g}/\text{m}^3$ and 40 $\mu\text{g}/\text{m}^3$ is the statutory annual mean limit value for NO_2 .					Source apportionment for total NO_x 2015 (figures may not sum to 100% due to rounding)
		2017	2018	2019	2020	2021	
A62 ²	74811	44	42	40	38	35	5% Regional background, 8% Urban background (non-traffic), 19% Urban background (traffic), 21% Diesel cars, 5% Petrol cars, 14% Diesel LGVs, 0% Petrol LGVs, 14% HGVr, 12% HGVa, 2% Buses

² The road link with an exceedance is shorter than 100m and so we currently expect that the local authority will not need to take action on it for the purpose of Ambient Air Quality Directive compliance. An adjoining section of the same road is being considered as part of the ongoing Leeds feasibility study.

Leicester City Council

Map of Projected Exceedances



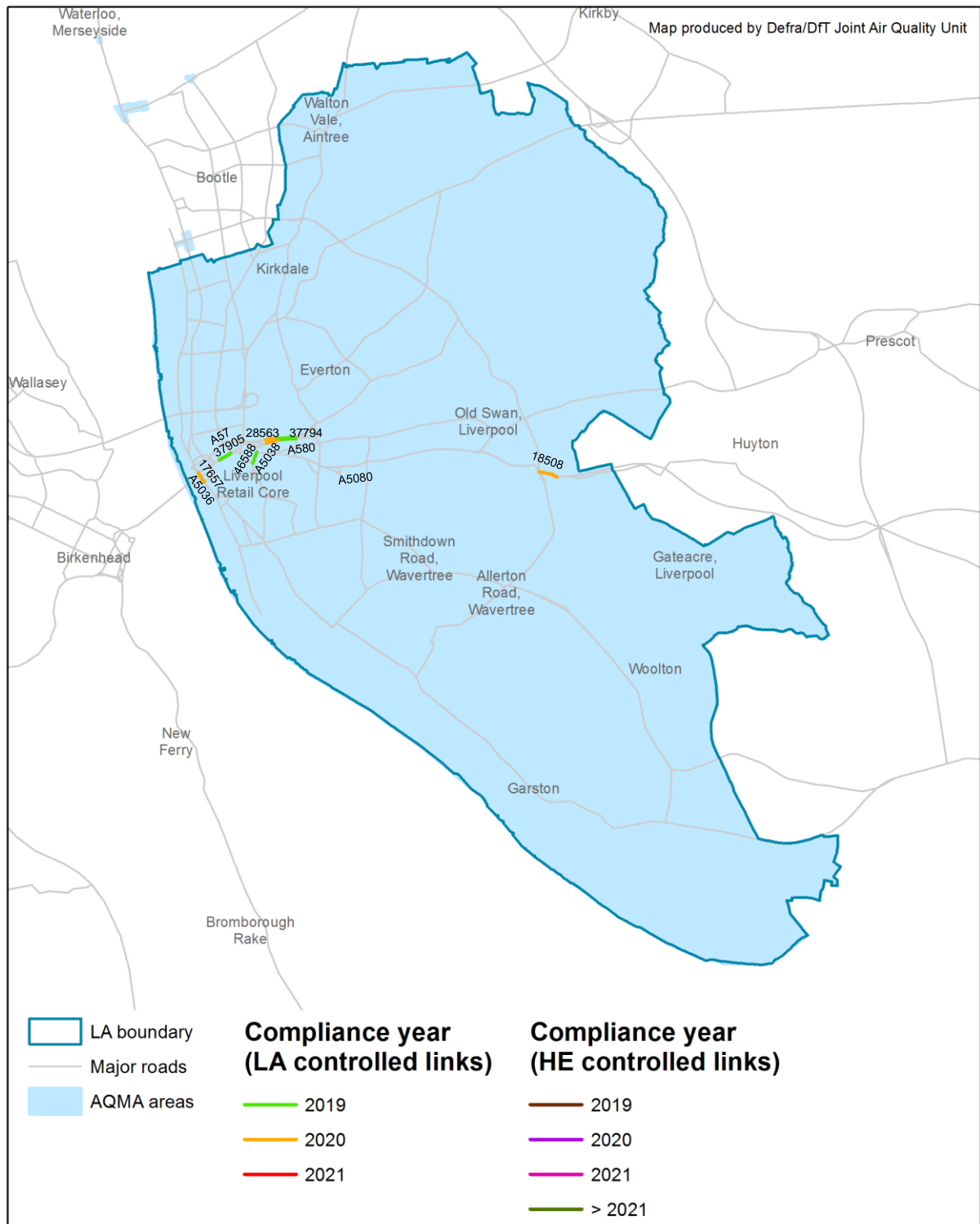
Leicester City Council

Table of Projected Exceedances

Road(s) in exceedance	Census ID	Annual mean nitrogen dioxide concentration. All figures are provided in $\mu\text{g}/\text{m}^3$ and $40 \mu\text{g}/\text{m}^3$ is the statutory annual mean limit value for NO_2 .					Source apportionment for total NO_x 2015 (figures may not sum to 100% due to rounding)
		2017	2018	2019	2020	2021	
A594	48489	45	44	42	40	38	6% Regional background, 13% Urban background (non-traffic), 17% Urban background (traffic), 28% Diesel cars, 7% Petrol cars, 12% Diesel LGVs, 0% Petrol LGVs, 6% HGVr, 1% HGVa, 9% Buses
A594	36524	44	43	41	39	38	6% Regional background, 25% Urban background (non-traffic), 15% Urban background (traffic), 23% Diesel cars, 6% Petrol cars, 14% Diesel LGVs, 0% Petrol LGVs, 7% HGVr, 2% HGVa, 2% Buses
A563	73725	43	42	40	38	36	7% Regional background, 6% Urban background (non-traffic), 11% Urban background (traffic), 32% Diesel cars, 7% Petrol cars, 19% Diesel LGVs, 0% Petrol LGVs, 10% HGVr, 6% HGVa, 3% Buses

Liverpool City Council

Map of Projected Exceedances



Liverpool City Council

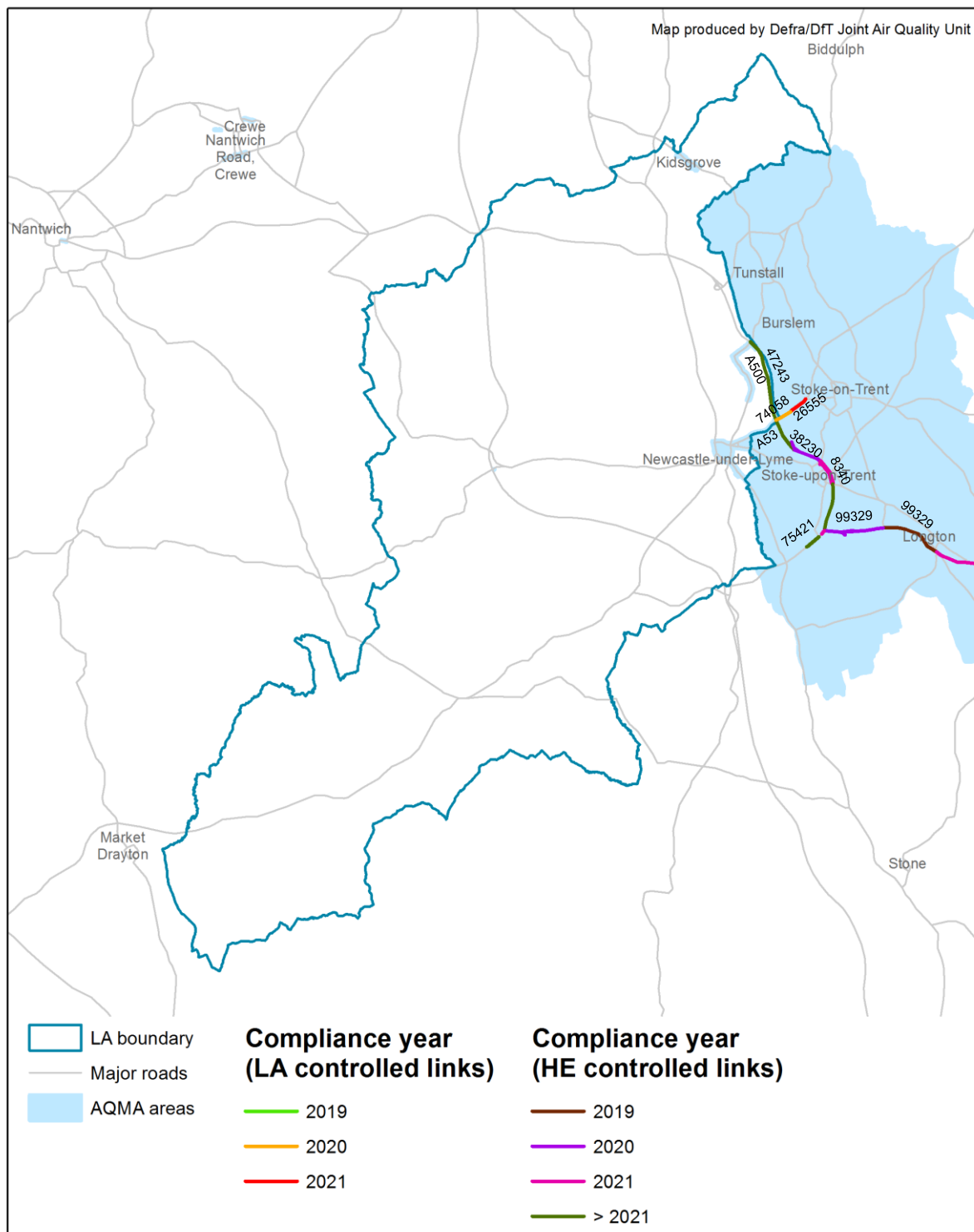
Table of Projected Exceedances

Road(s) in exceedance	Census ID	Annual mean nitrogen dioxide concentration. All figures are provided in $\mu\text{g}/\text{m}^3$ and $40 \mu\text{g}/\text{m}^3$ is the statutory annual mean limit value for NO_2 .					Source apportionment for total NO_x 2015 (figures may not sum to 100% due to rounding)
		2017	2018	2019	2020	2021	
A5036	17657	46	44	42	40	38	3% Regional background, 12% Urban background (non-traffic), 21% Urban background (traffic), 27% Diesel cars, 6% Petrol cars, 13% Diesel LGVs, 0% Petrol LGVs, 6% HGVr, 3% HGVa, 9% Buses
A5080	18508	46	44	42	39	37	4% Regional background, 8% Urban background (non-traffic), 20% Urban background (traffic), 25% Diesel cars, 6% Petrol cars, 16% Diesel LGVs, 0% Petrol LGVs, 11% HGVr, 6% HGVa, 3% Buses
A580	28563	44	42	41	39	37	4% Regional background, 15% Urban background (non-traffic), 23% Urban background (traffic), 26% Diesel cars, 6% Petrol cars, 14% Diesel LGVs, 0% Petrol LGVs, 7% HGVr, 2% HGVa, 1% Buses
A580	37794	43	41	39	37	35	4% Regional background, 15% Urban background (non-traffic), 24%

							Urban background (traffic), 24% Diesel cars, 6% Petrol cars, 15% Diesel LGVs, 0% Petrol LGVs, 7% HGVr, 3% HGVa, 2% Buses
A57	37905	46	43	40	38	35	3% Regional background, 10% Urban background (non-traffic), 18% Urban background (traffic), 10% Diesel cars, 2% Petrol cars, 7% Diesel LGVs, 0% Petrol LGVs, 4% HGVr, 0% HGVa, 45% Buses
A5038	46588	43	41	38	35	32	3% Regional background, 12% Urban background (non-traffic), 19% Urban background (traffic), 4% Diesel cars, 1% Petrol cars, 2% Diesel LGVs, 0% Petrol LGVs, 1% HGVr, 0% HGVa, 58% Buses

Newcastle-under-Lyme Council

Map of Projected Exceedances



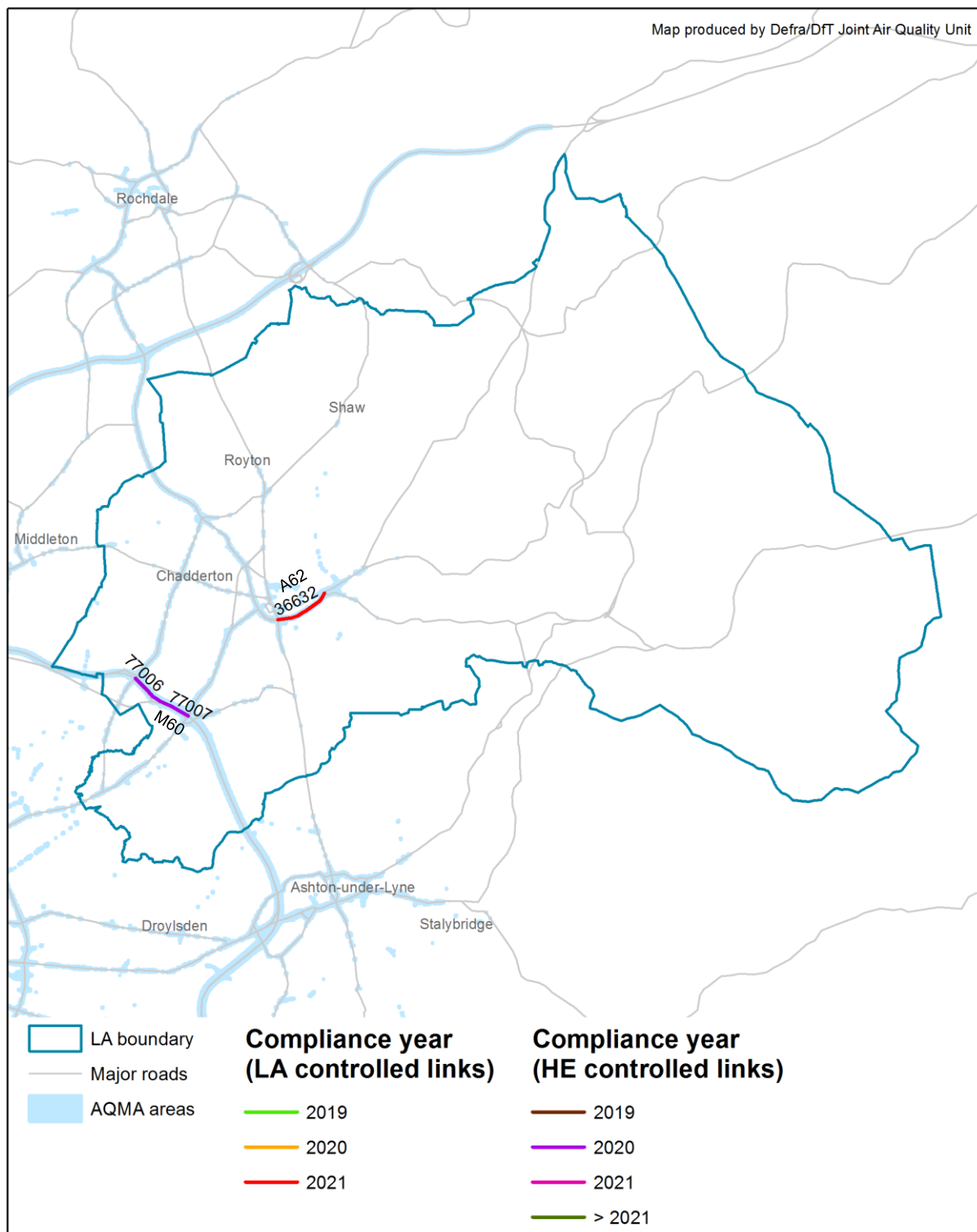
Newcastle-under-Lyme Council

Table of Projected Exceedances

Road(s) in exceedance	Census ID	Annual mean nitrogen dioxide concentration. All figures are provided in $\mu\text{g}/\text{m}^3$ and 40 $\mu\text{g}/\text{m}^3$ is the statutory annual mean limit value for NO_2 .					Source apportionment for total NO_x 2015 (figures may not sum to 100% due to rounding)
		2017	2018	2019	2020	2021	
A53	74058	46	44	42	40	38	4% Regional background, 7% Urban background (non-traffic), 15% Urban background (traffic), 32% Diesel cars, 7% Petrol cars, 14% Diesel LGVs, 0% Petrol LGVs, 13% HGVr, 5% HGVA, 2% Buses
A500 (Highways England managed)	47243	51	49	46	43	41	4% Regional background, 9% Urban background (non-traffic), 11% Urban background (traffic), 24% Diesel cars, 6% Petrol cars, 18% Diesel LGVs, 0% Petrol LGVs, 15% HGVr, 13% HGVA, 1% Buses

Oldham Council

Map of Projected Exceedances



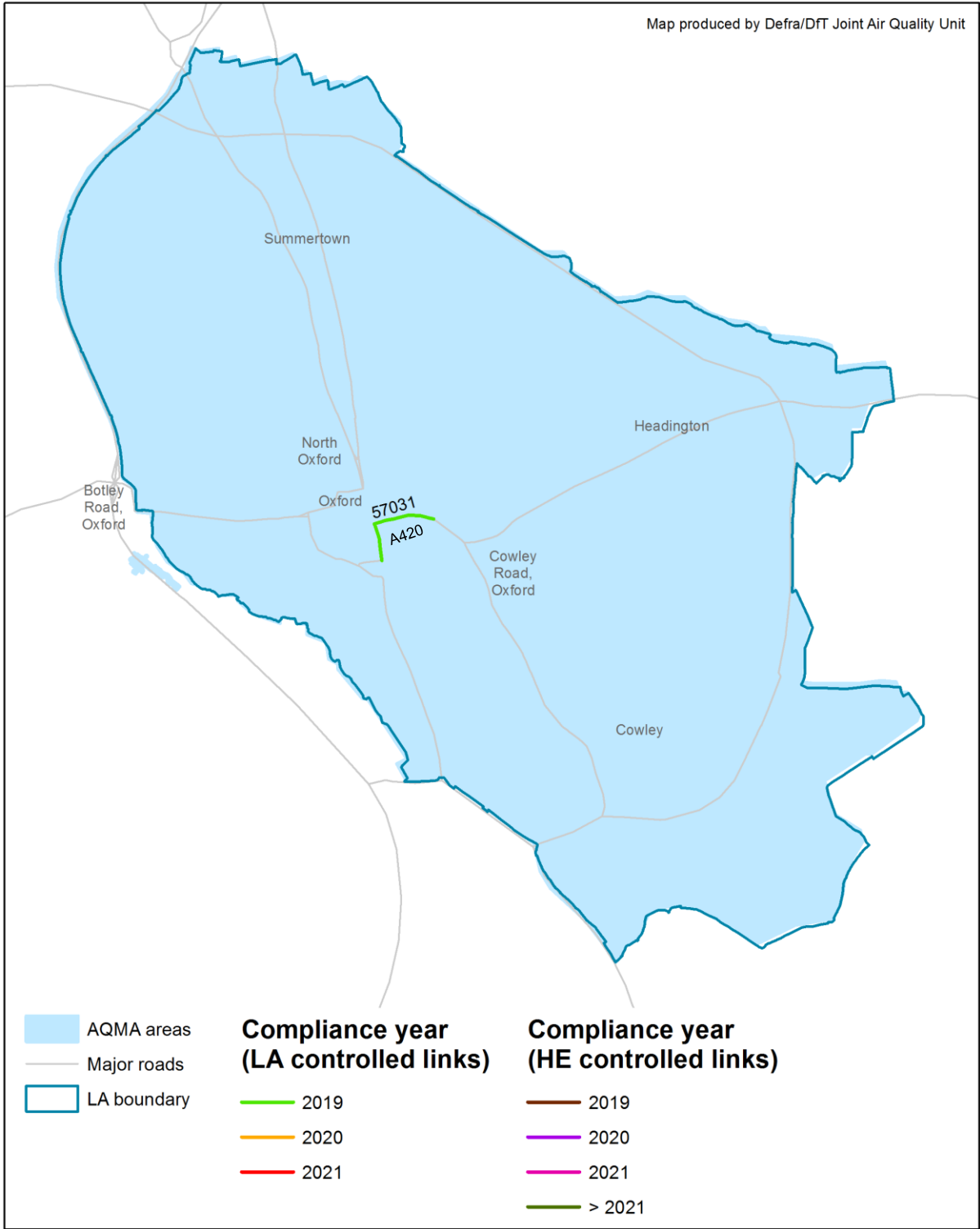
Oldham Council

Table of Projected Exceedances

Road(s) in exceedance	Census ID	Annual mean nitrogen dioxide concentration. All figures are provided in $\mu\text{g}/\text{m}^3$ and $40 \mu\text{g}/\text{m}^3$ is the statutory annual mean limit value for NO_2 .					Source apportionment for total NO_x 2015 (figures may not sum to 100% due to rounding)
		2017	2018	2019	2020	2021	
A62	36632	47	45	43	41	38	5% Regional background, 11% Urban background (non-traffic), 12% Urban background (traffic), 31% Diesel cars, 7% Petrol cars, 18% Diesel LGVs, 0% Petrol LGVs, 11% HGVr, 3% HGVA, 2% Buses
M60 (Highways England managed)	77006	46	44	42	40	38	5% Regional background, 10% Urban background (non-traffic), 19% Urban background (traffic), 27% Diesel cars, 3% Petrol cars, 25% Diesel LGVs, 0% Petrol LGVs, 6% HGVr, 5% HGVA, 0% Buses
M60 (Highways England managed)	77007	47	45	43	40	38	5% Regional background, 11% Urban background (non-traffic), 21% Urban background (traffic), 26% Diesel cars, 3% Petrol cars, 22% Diesel LGVs, 0% Petrol LGVs, 7% HGVr, 5% HGVA, 0% Buses

Oxford City Council

Map of Projected Exceedances



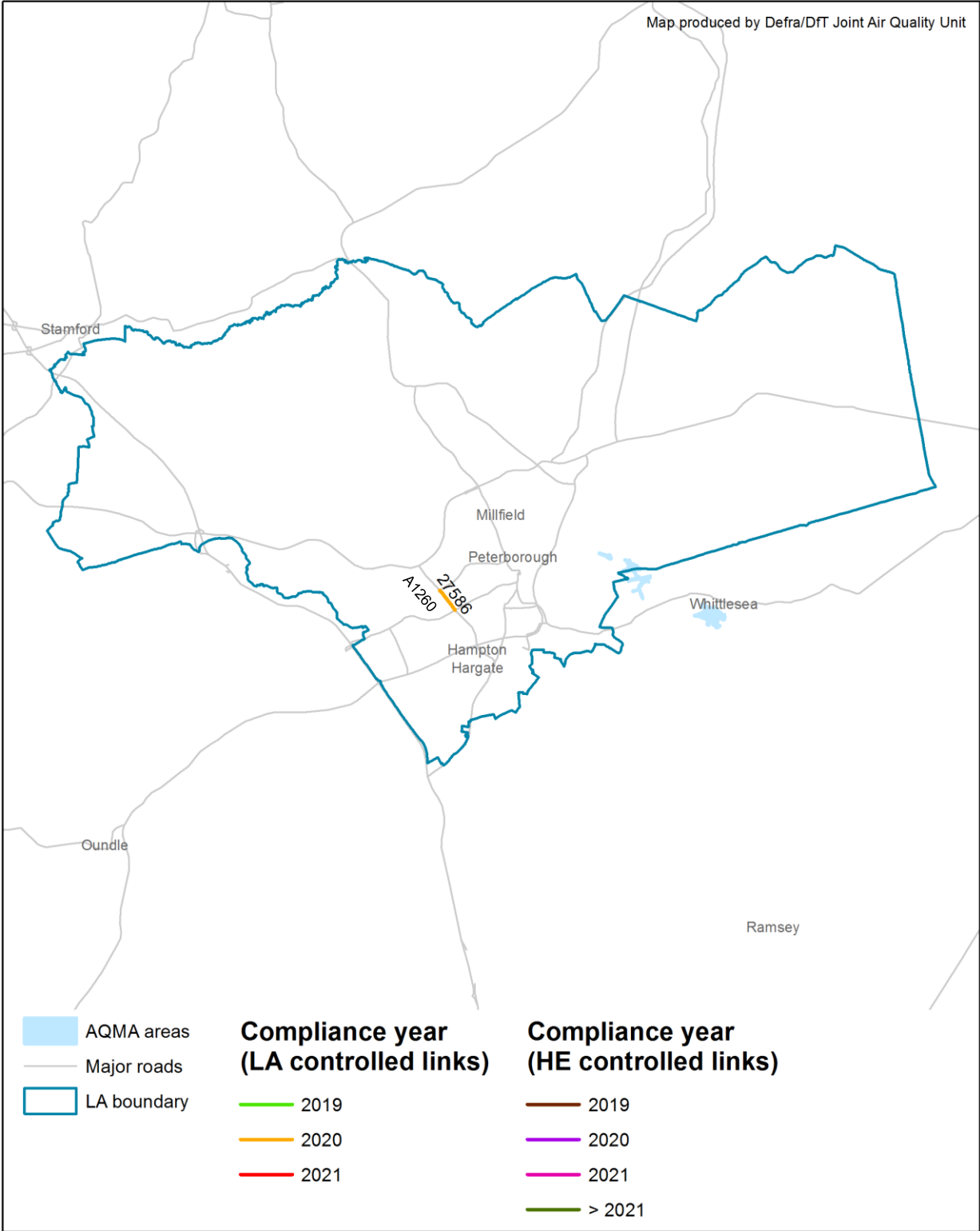
Oxford City Council

Table of Projected Exceedances

Road(s) in exceedance	Census ID	Annual mean nitrogen dioxide concentration. All figures are provided in $\mu\text{g}/\text{m}^3$ and 40 $\mu\text{g}/\text{m}^3$ is the statutory annual mean limit value for NO_2 .					Source apportionment for total NO_x 2015 (figures may not sum to 100% due to rounding)
		2017	2018	2019	2020	2021	
A420	57031	44	42	39	36	33	4% Regional background, 8% Urban background (non-traffic), 5% Urban background (traffic), 4% Diesel cars, 1% Petrol cars, 4% Diesel LGVs, 0% Petrol LGVs, 2% HGVr, 0% HGVa, 72% Buses

Peterborough City Council

Map of Projected Exceedances



Peterborough City Council

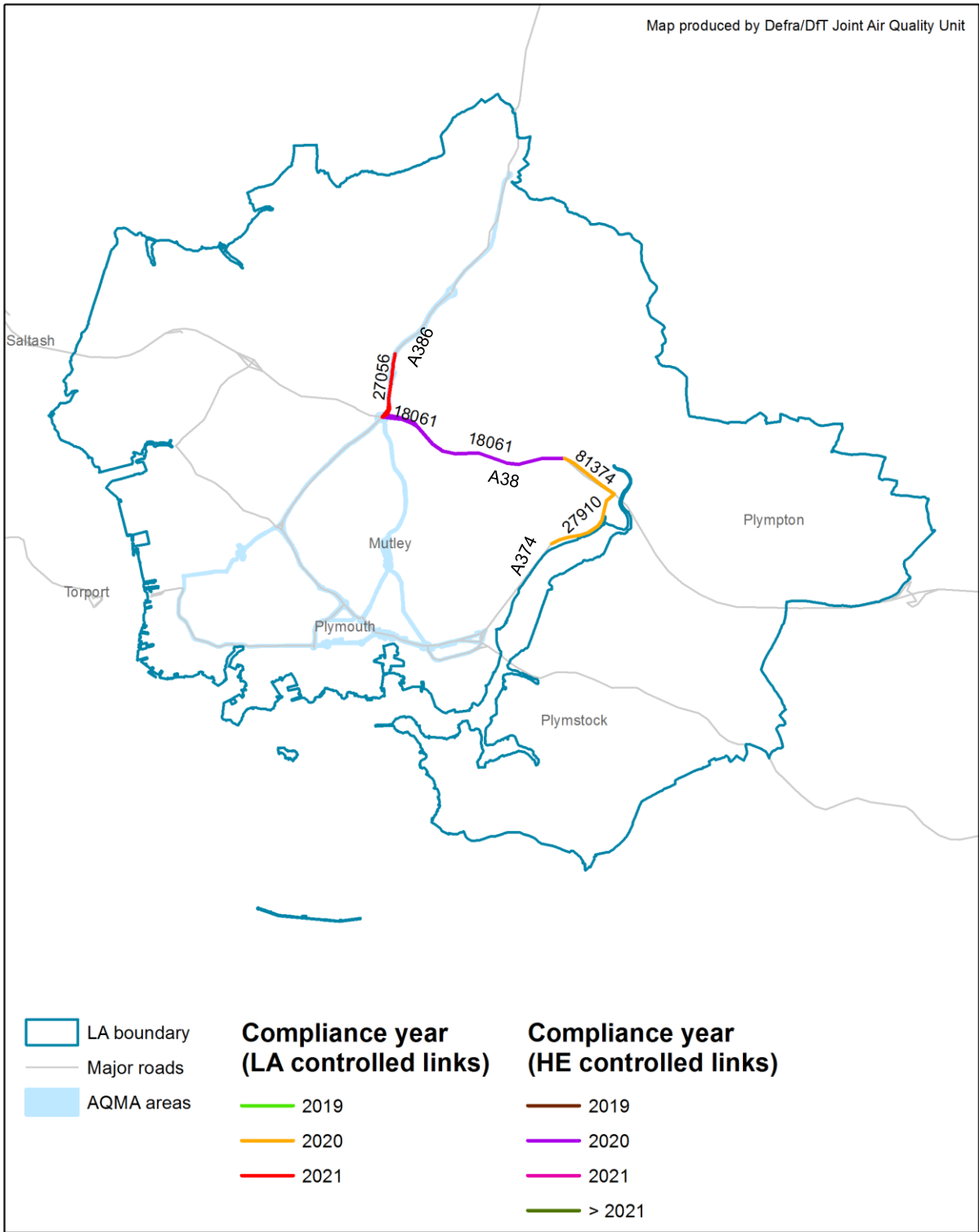
Table of Projected Exceedances

Road(s) in exceedance	Census ID	Annual mean nitrogen dioxide concentration. All figures are provided in $\mu\text{g}/\text{m}^3$ and 40 $\mu\text{g}/\text{m}^3$ is the statutory annual mean limit value for NO_2 .					Source apportionment for total NO_x 2015 (figures may not sum to 100% due to rounding)
		2017	2018	2019	2020	2021	
A1260 ³	27586	44	42	41	39	37	8% Regional background, 4% Urban background (non-traffic), 8% Urban background (traffic), 42% Diesel cars, 10% Petrol cars, 16% Diesel LGVs, 0% Petrol LGVs, 6% HGVr, 4% HGVa, 2% Buses

³ The current assessment is that there is no public access in the vicinity of this road link and so we currently expect that the local authority will not need to take action on it for the purpose of compliance.

Plymouth City Council

Map of Projected Exceedances



Plymouth City Council

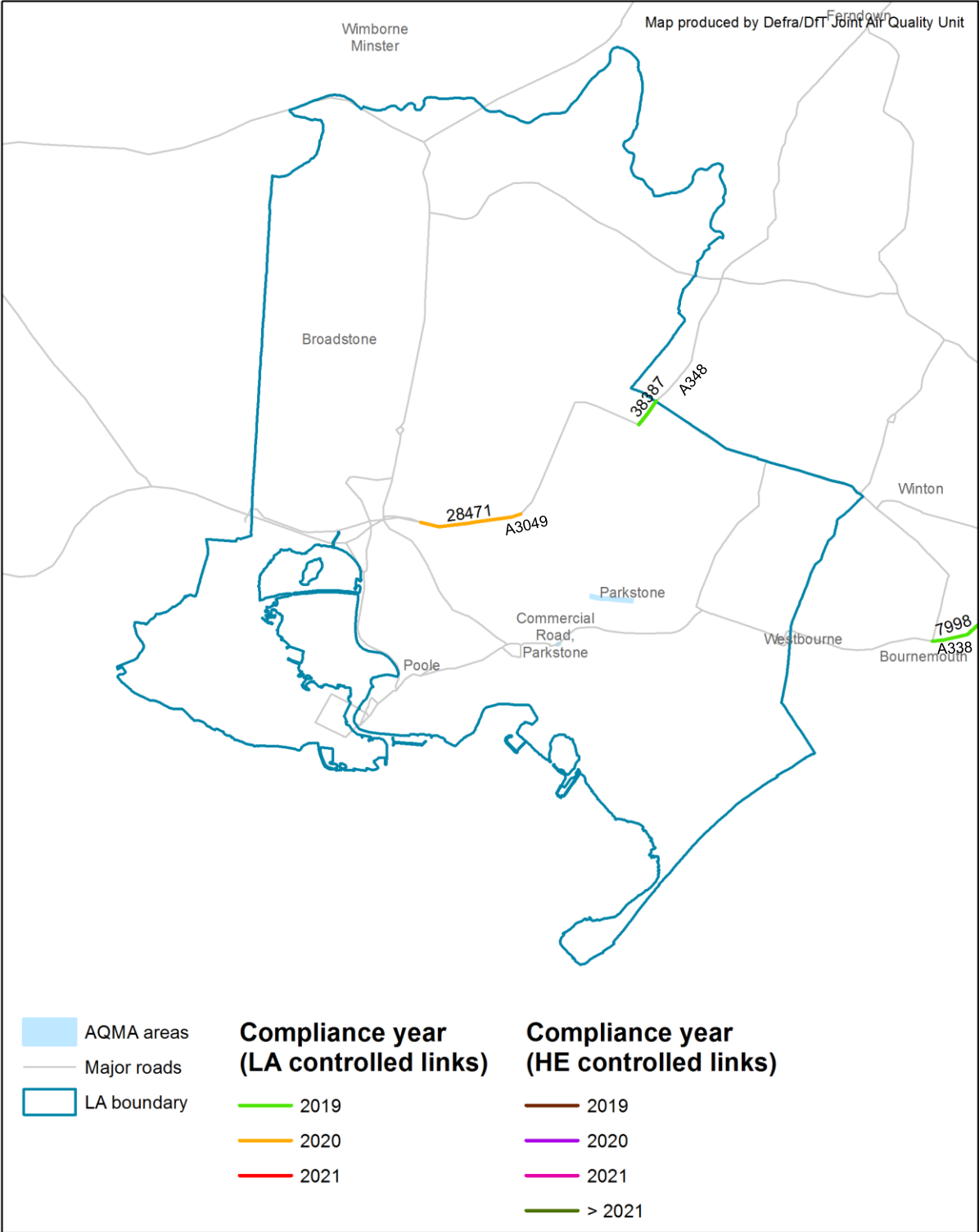
Table of Projected Exceedances

Road(s) in exceedance	Census ID	Annual mean nitrogen dioxide concentration. All figures are provided in $\mu\text{g}/\text{m}^3$ and 40 $\mu\text{g}/\text{m}^3$ is the statutory annual mean limit value for NO_2 .					Source apportionment for total NO_x 2015 (figures may not sum to 100% due to rounding)
		2017	2018	2019	2020	2021	
A386	27056	47	45	43	41	39	3% Regional background, 5% Urban background (non-traffic), 12% Urban background (traffic), 36% Diesel cars, 9% Petrol cars, 16% Diesel LGVs, 0% Petrol LGVs, 6% HGVr, 2% HGVa, 10% Buses
A374	27910	46	43	41	39	37	3% Regional background, 6% Urban background (non-traffic), 12% Urban background (traffic), 28% Diesel cars, 7% Petrol cars, 18% Diesel LGVs, 0% Petrol LGVs, 11% HGVr, 6% HGVa, 9% Buses

A38	81374	44	42	41	39	37	3% Regional background, 7% Urban background (non-traffic), 13% Urban background (traffic), 31% Diesel cars, 7% Petrol cars, 22% Diesel LGVs, 0% Petrol LGVs, 9% HGVr, 4% HGVa, 3% Buses
A38 (Highways England managed)	18061	45	43	41	39	37	3% Regional background, 5% Urban background (non-traffic), 10% Urban background (traffic), 29% Diesel cars, 7% Petrol cars, 26% Diesel LGVs, 0% Petrol LGVs, 11% HGVr, 7% HGVa, 2% Buses

Poole Borough Council

Map of Projected Exceedances



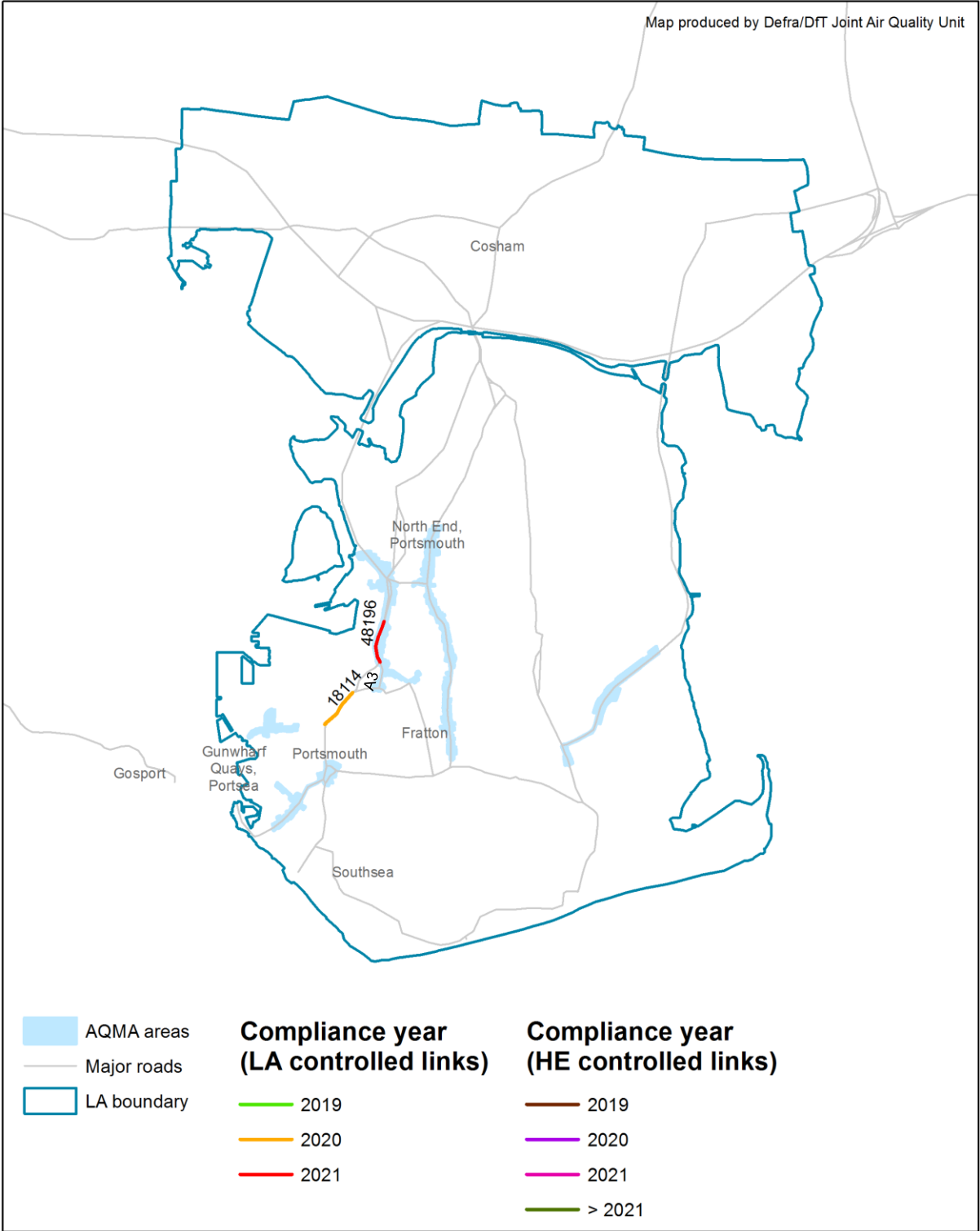
Poole Borough Council

Table of Projected Exceedances

Road(s) in exceedance	Census ID	Annual mean nitrogen dioxide concentration. All figures are provided in $\mu\text{g}/\text{m}^3$ and $40 \mu\text{g}/\text{m}^3$ is the statutory annual mean limit value for NO_2 .					Source apportionment for total NO_x 2015 (figures may not sum to 100% due to rounding)
		2017	2018	2019	2020	2021	
A3049	28471	45	43	41	40	37	4% Regional background, 12% Urban background (non-traffic), 9% Urban background (traffic), 28% Diesel cars, 7% Petrol cars, 24% Diesel LGVs, 0% Petrol LGVs, 10% HGVr, 4% HGVa, 1% Buses
A348	38387	42	41	39	37	35	5% Regional background, 7% Urban background (non-traffic), 9% Urban background (traffic), 32% Diesel cars, 7% Petrol cars, 22% Diesel LGVs, 0% Petrol LGVs, 11% HGVr, 3% HGVa, 3% Buses

Portsmouth City Council

Map of Projected Exceedances



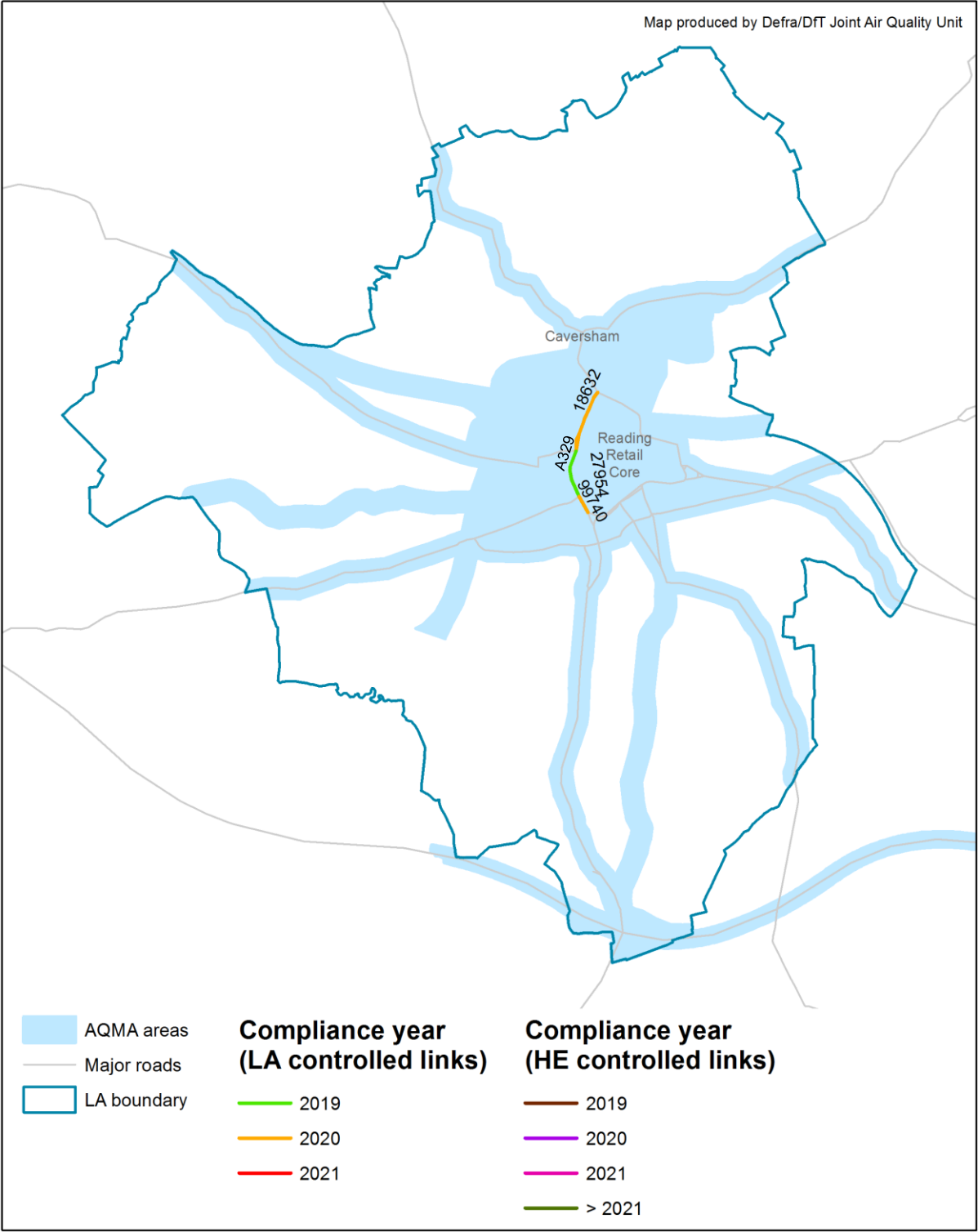
Portsmouth City Council

Table of Projected Exceedances

Road(s) in exceedance	Census ID	Annual mean nitrogen dioxide concentration. All figures are provided in $\mu\text{g}/\text{m}^3$ and $40 \mu\text{g}/\text{m}^3$ is the statutory annual mean limit value for NO_2 .					Source apportionment for total NO_x 2015 (figures may not sum to 100% due to rounding)
		2017	2018	2019	2020	2021	
A3	48196	47	45	44	42	40	5% Regional background, 14% Urban background (non-traffic), 10% Urban background (traffic), 34% Diesel cars, 8% Petrol cars, 14% Diesel LGVs, 0% Petrol LGVs, 4% HGVr, 1% HGVa, 8% Buses
A3	18114	44	42	41	39	37	5% Regional background, 15% Urban background (non-traffic), 10% Urban background (traffic), 28% Diesel cars, 6% Petrol cars, 13% Diesel LGVs, 0% Petrol LGVs, 5% HGVr, 1% HGVa, 16% Buses

Reading Borough Council

Map of Projected Exceedances



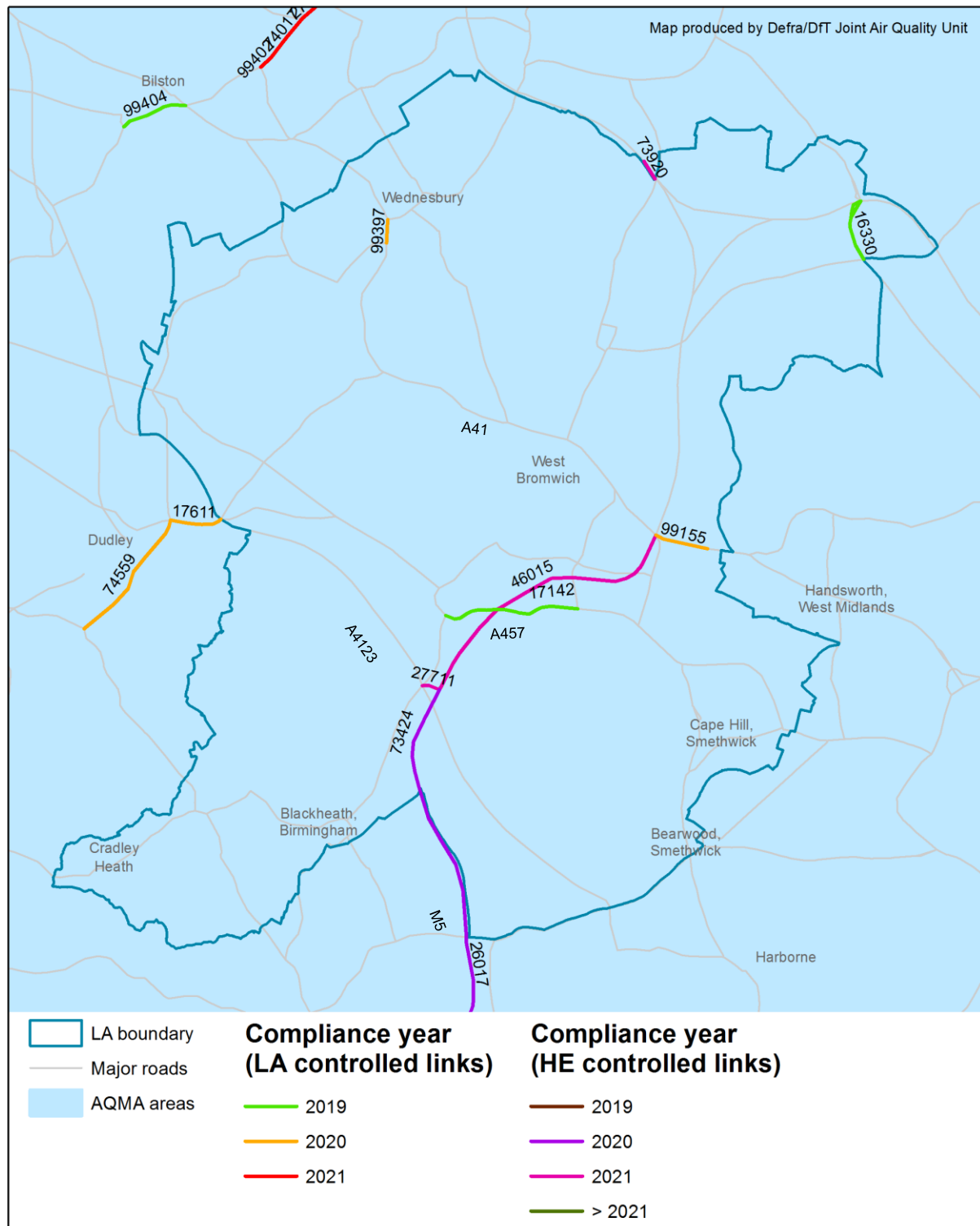
Reading Borough Council

Table of Projected Exceedances

Road(s) in exceedance	Census ID	Annual mean nitrogen dioxide concentration. All figures are provided in $\mu\text{g}/\text{m}^3$ and $40 \mu\text{g}/\text{m}^3$ is the statutory annual mean limit value for NO_2 .					Source apportionment for total NO_x 2015 (figures may not sum to 100% due to rounding)
		2017	2018	2019	2020	2021	
A329	99740	44	43	41	39	37	5% Regional background, 13% Urban background (non-traffic), 10% Urban background (traffic), 31% Diesel cars, 7% Petrol cars, 17% Diesel LGVs, 0% Petrol LGVs, 12% HGVr, 2% HGVA, 2% Buses
A329	18632	43	41	39	37	36	5% Regional background, 26% Urban background (non-traffic), 12% Urban background (traffic), 21% Diesel cars, 5% Petrol cars, 14% Diesel LGVs, 0% Petrol LGVs, 12% HGVr, 3% HGVA, 3% Buses
A329	27954	44	42	40	39	37	5% Regional background, 26% Urban background (non-traffic), 12% Urban background (traffic), 24% Diesel cars, 6% Petrol cars, 16% Diesel LGVs, 0% Petrol LGVs, 8% HGVr, 2% HGVA, 2% Buses

Sandwell Metropolitan Borough Council

Map of Projected Exceedances



Sandwell Metropolitan Borough Council

Table of Projected Exceedances

Road(s) in exceedance	Census ID	Annual mean nitrogen dioxide concentration. All figures are provided in $\mu\text{g}/\text{m}^3$ and 40 $\mu\text{g}/\text{m}^3$ is the statutory annual mean limit value for NO_2 .					Source apportionment for total NO_x 2015 (figures may not sum to 100% due to rounding)
		2017	2018	2019	2020	2021	
A41	99397	47	44	42	40	37	4% Regional background, 14% Urban background (non-traffic), 12% Urban background (traffic), 20% Diesel cars, 5% Petrol cars, 17% Diesel LGVs, 0% Petrol LGVs, 15% HGVr, 8% HGVa, 6% Buses
A41	99155	46	43	41	39	37	4% Regional background, 13% Urban background (non-traffic), 13% Urban background (traffic), 22% Diesel cars, 5% Petrol cars, 17% Diesel LGVs, 0% Petrol LGVs, 11% HGVr, 7% HGVa, 7% Buses

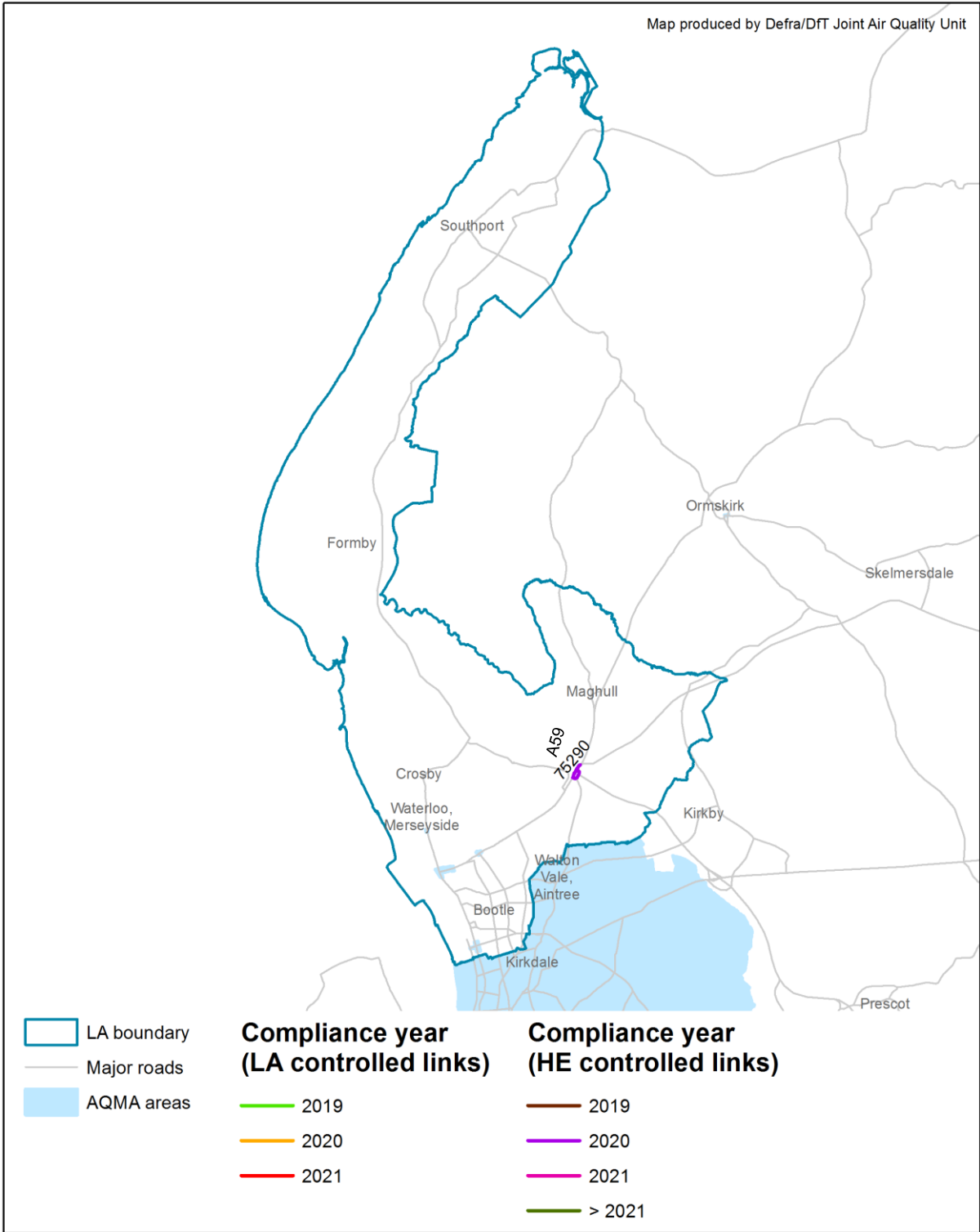
A34	16330	43	41	39	37	35	5% Regional background, 9% Urban background (non-traffic), 24% Urban background (traffic), 22% Diesel cars, 5% Petrol cars, 18% Diesel LGVs, 0% Petrol LGVs, 8% HGVr, 3% HGVa, 6% Buses
A457	17142	43	41	39	37	35	5% Regional background, 19% Urban background (non-traffic), 23% Urban background (traffic), 16% Diesel cars, 4% Petrol cars, 15% Diesel LGVs, 0% Petrol LGVs, 9% HGVr, 5% HGVa, 4% Buses

A4123 (Highways England managed)	27711	51	48	45	42	39	3% Regional background, 10% Urban background (non-traffic), 17% Urban background (traffic), 16% Diesel cars, 4% Petrol cars, 16% Diesel LGVs, 0% Petrol LGVs, 19% HGVr, 14% HGVa, 1% Buses
M5 (Highways England managed)	46015	48	45	43	41	39	4% Regional background, 18% Urban background (non-traffic), 21% Urban background (traffic), 21% Diesel cars, 2% Petrol cars, 20% Diesel LGVs, 0% Petrol LGVs, 5% HGVr, 8% HGVa, 1% Buses

M5 (Highways England managed)	73424	48	45	43	40	38	4% Regional background, 11% Urban background (non-traffic), 19% Urban background (traffic), 22% Diesel cars, 2% Petrol cars, 24% Diesel LGVs, 0% Petrol LGVs, 7% HGVr, 10% HGVa, 0% Buses
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Sefton Metropolitan Borough Council

Map of Projected Exceedances



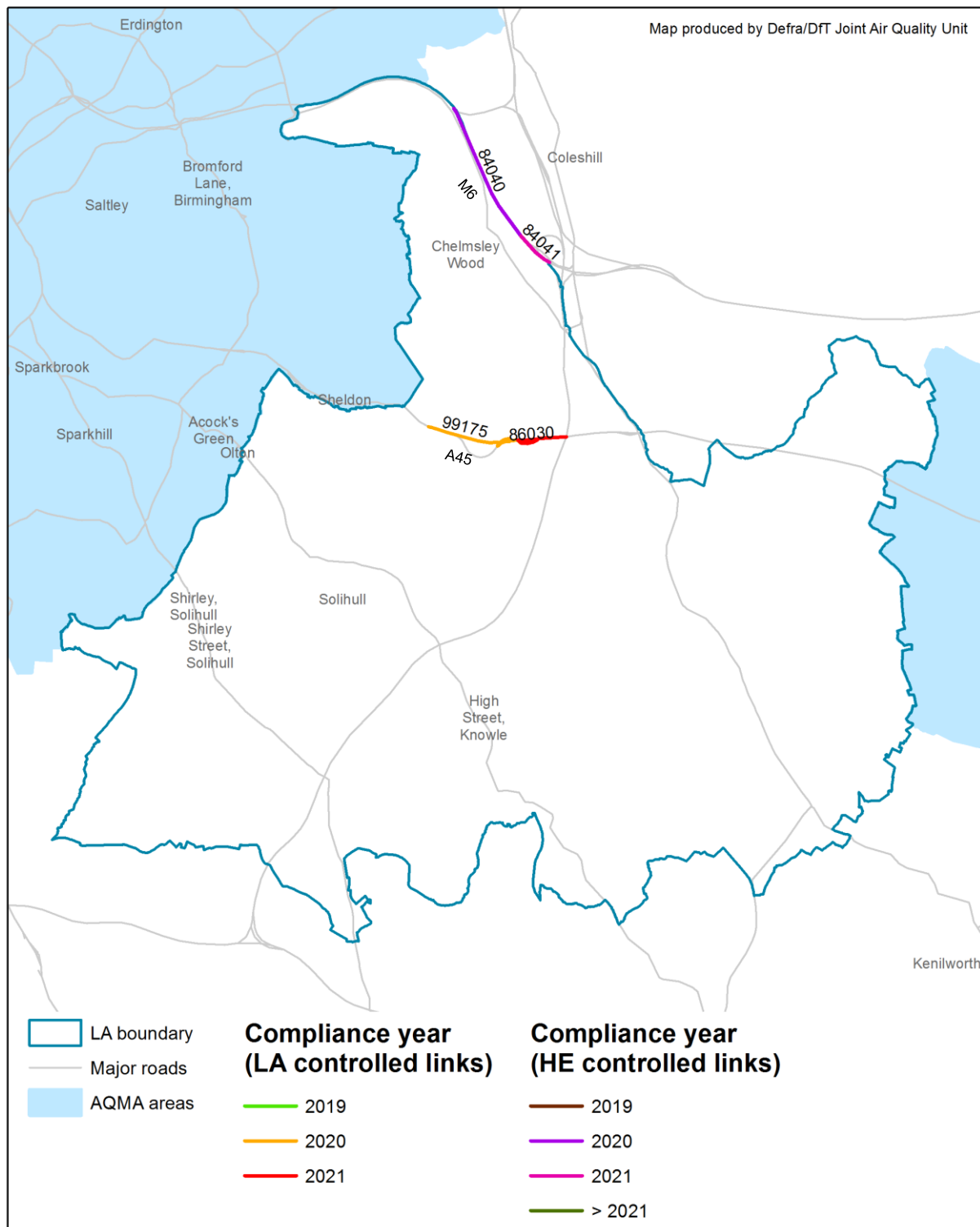
Sefton Metropolitan Borough Council

Table of Projected Exceedances

Road(s) in exceedance	Census ID	Annual mean nitrogen dioxide concentration. All figures are provided in $\mu\text{g}/\text{m}^3$ and $40 \mu\text{g}/\text{m}^3$ is the statutory annual mean limit value for NO_2 .					Source apportionment for total NO_x 2015 (figures may not sum to 100% due to rounding)
		2017	2018	2019	2020	2021	
A59 (Highways England managed)	75290	46	43	42	39	37	4% Regional background, 5% Urban background (non-traffic), 8% Urban background (traffic), 32% Diesel cars, 7% Petrol cars, 19% Diesel LGVs, 0% Petrol LGVs, 11% HGVr, 7% HGVa, 8% Buses

Solihull Metropolitan Borough Council

Map of Projected Exceedances



Solihull Metropolitan Borough Council

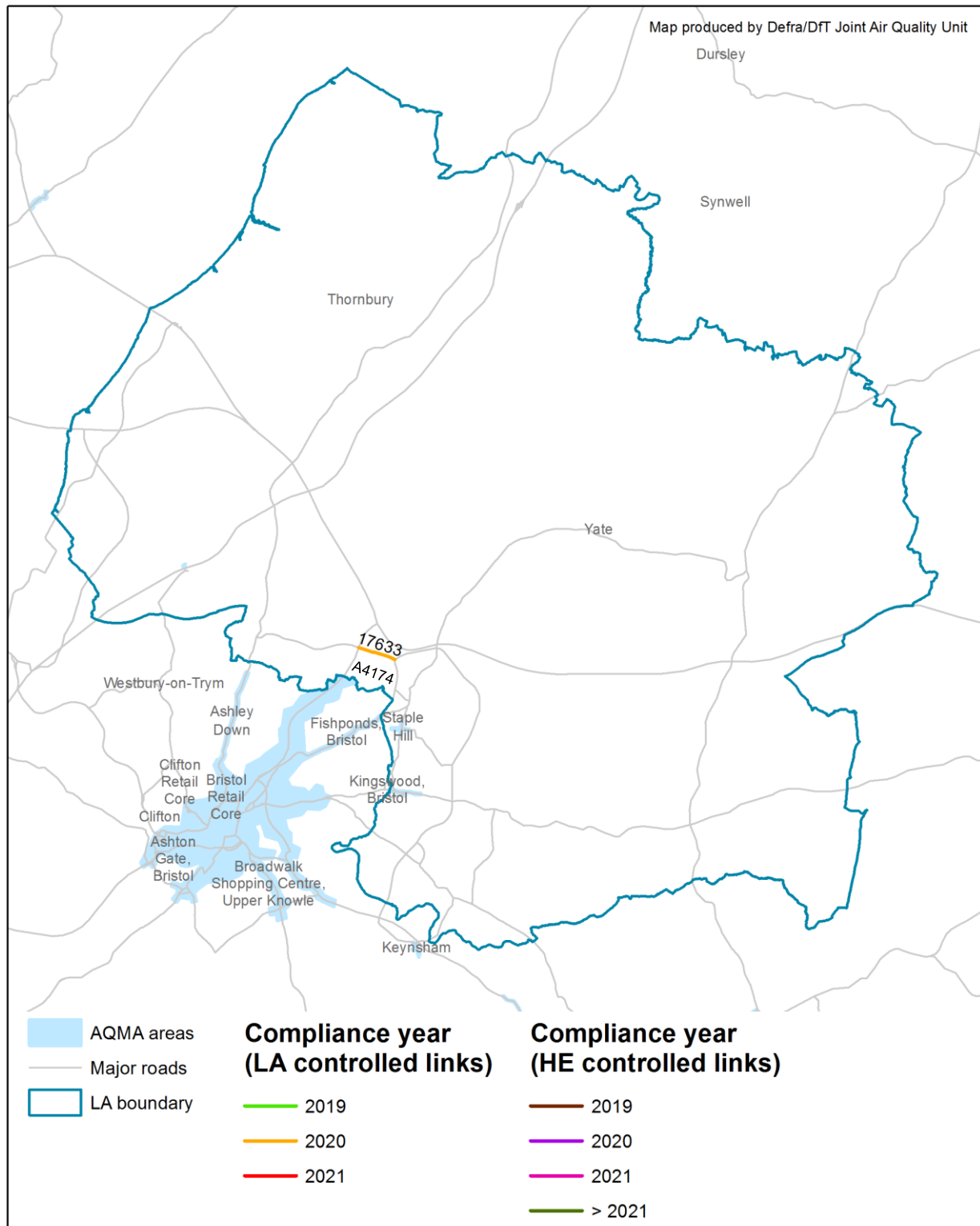
Table of Projected Exceedances

Road(s) in exceedance	Census ID	Annual mean nitrogen dioxide concentration. All figures are provided in $\mu\text{g}/\text{m}^3$ and $40 \mu\text{g}/\text{m}^3$ is the statutory annual mean limit value for NO_2 .					Source apportionment for total NO_x 2015 (figures may not sum to 100% due to rounding)
		2017	2018	2019	2020	2021	
A45	86030	50	47	45	42	39	4% Regional background, 6% Urban background (non-traffic), 16% Urban background (traffic), 20% Diesel cars, 5% Petrol cars, 15% Diesel LGVs, 0% Petrol LGVs, 16% HGVr, 12% HGVa, 6% Buses
A45	99175	45	43	41	38	36	4% Regional background, 6% Urban background (non-traffic), 13% Urban background (traffic), 22% Diesel cars, 5% Petrol cars, 15% Diesel LGVs, 0% Petrol LGVs, 17% HGVr, 12% HGVa, 7% Buses

M6 (Highways England managed)	84041	50	47	45	42	39	4% Regional background, 6% Urban background (non-traffic), 27% Urban background (traffic), 20% Diesel cars, 2% Petrol cars, 19% Diesel LGVs, 0% Petrol LGVs, 7% HGVr, 14% HGVa, 1% Buses
M6 (Highways England managed)	84040	45	43	41	38	36	5% Regional background, 8% Urban background (non-traffic), 20% Urban background (traffic), 22% Diesel cars, 2% Petrol cars, 21% Diesel LGVs, 0% Petrol LGVs, 7% HGVr, 14% HGVa, 0% Buses

South Gloucestershire Borough Council

Map of Projected Exceedances



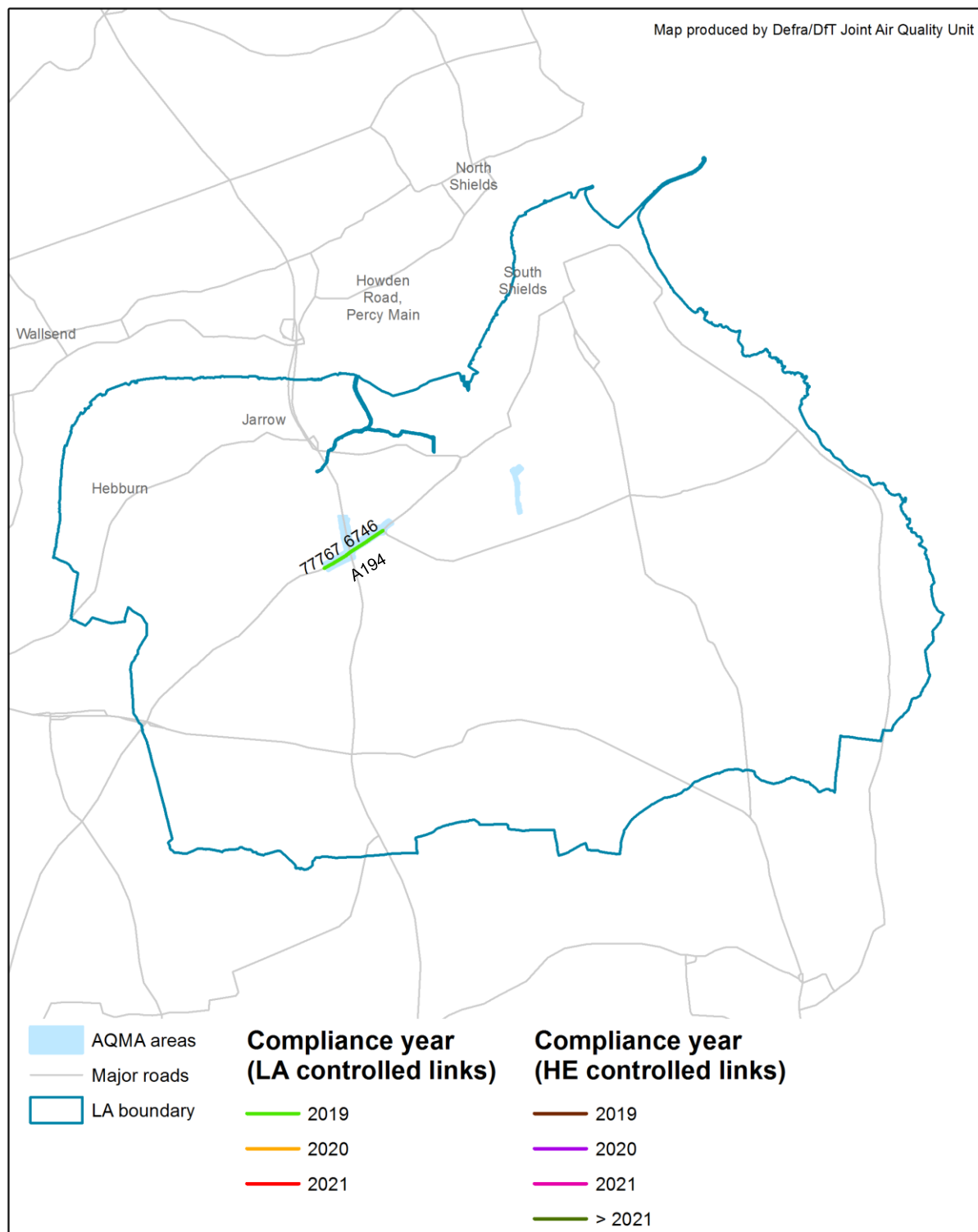
South Gloucestershire Borough Council

Table of Projected Exceedances

Road(s) in exceedance	Census ID	Annual mean nitrogen dioxide concentration. All figures are provided in $\mu\text{g}/\text{m}^3$ and 40 $\mu\text{g}/\text{m}^3$ is the statutory annual mean limit value for NO_2 .					Source apportionment for total NO_x 2015 (figures may not sum to 100% due to rounding)
		2017	2018	2019	2020	2021	
A4174	17633	45	43	41	39	37	4% Regional background, 7% Urban background (non-traffic), 18% Urban background (traffic), 26% Diesel cars, 6% Petrol cars, 17% Diesel LGVs, 0% Petrol LGVs, 10% HGVr, 9% HGVa, 2% Buses

South Tyneside Metropolitan Borough Council

Map of Projected Exceedances



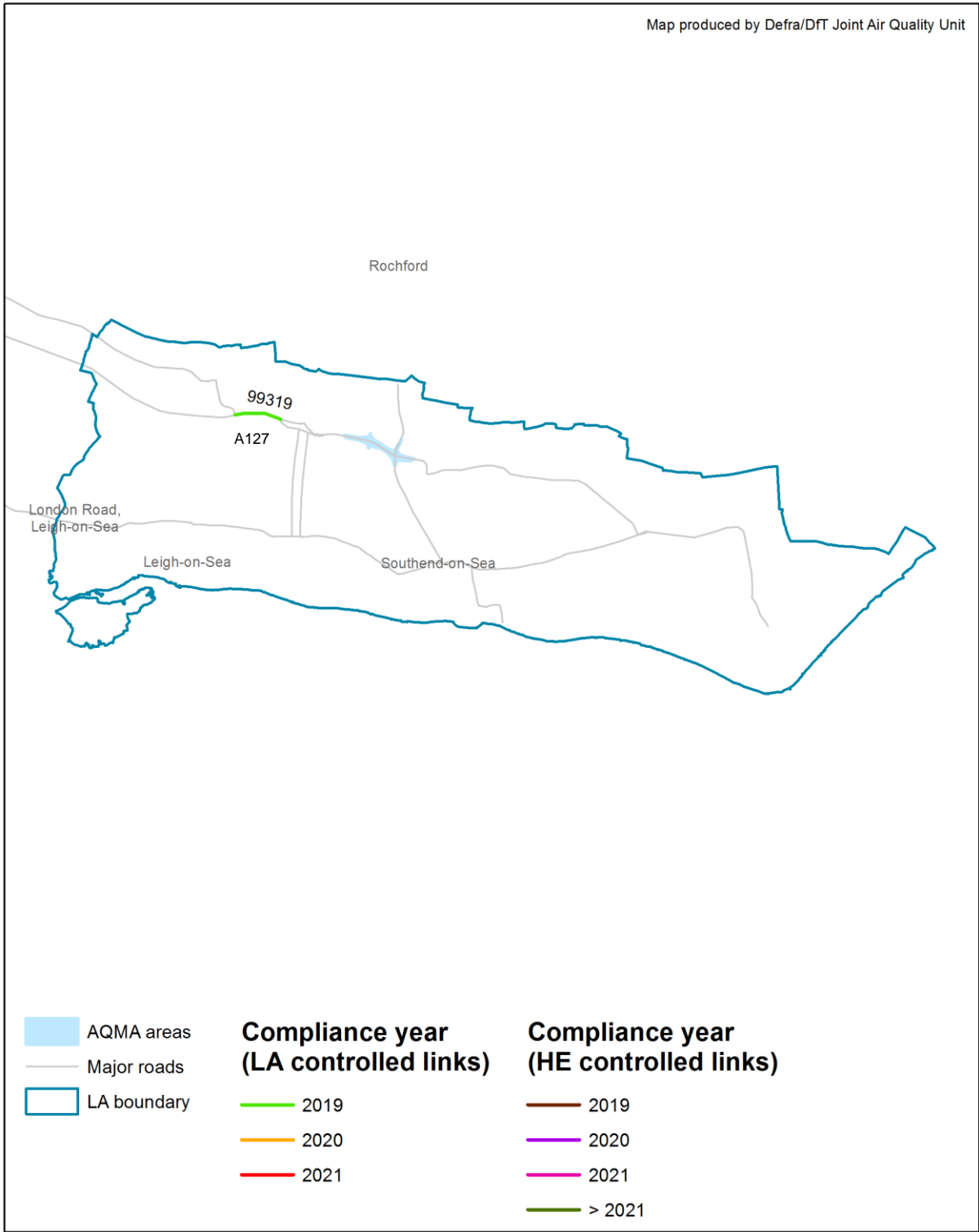
South Tyneside Metropolitan Borough Council

Table of Projected Exceedances

Road(s) in exceedance	Census ID	Annual mean nitrogen dioxide concentration. All figures are provided in $\mu\text{g}/\text{m}^3$ and $40 \mu\text{g}/\text{m}^3$ is the statutory annual mean limit value for NO_2 .					Source apportionment for total NO_x 2015 (figures may not sum to 100% due to rounding)
		2017	2018	2019	2020	2021	
A194	77767	43	41	40	38	36	5% Regional background, 7% Urban background (non-traffic), 13% Urban background (traffic), 31% Diesel cars, 7% Petrol cars, 18% Diesel LGVs, 0% Petrol LGVs, 11% HGVr, 7% HGVa, 1% Buses
A194	6746	43	41	40	38	36	5% Regional background, 8% Urban background (non-traffic), 11% Urban background (traffic), 31% Diesel cars, 7% Petrol cars, 18% Diesel LGVs, 0% Petrol LGVs, 9% HGVr, 5% HGVa, 4% Buses

Southend-on-Sea Borough Council

Map of Projected Exceedances



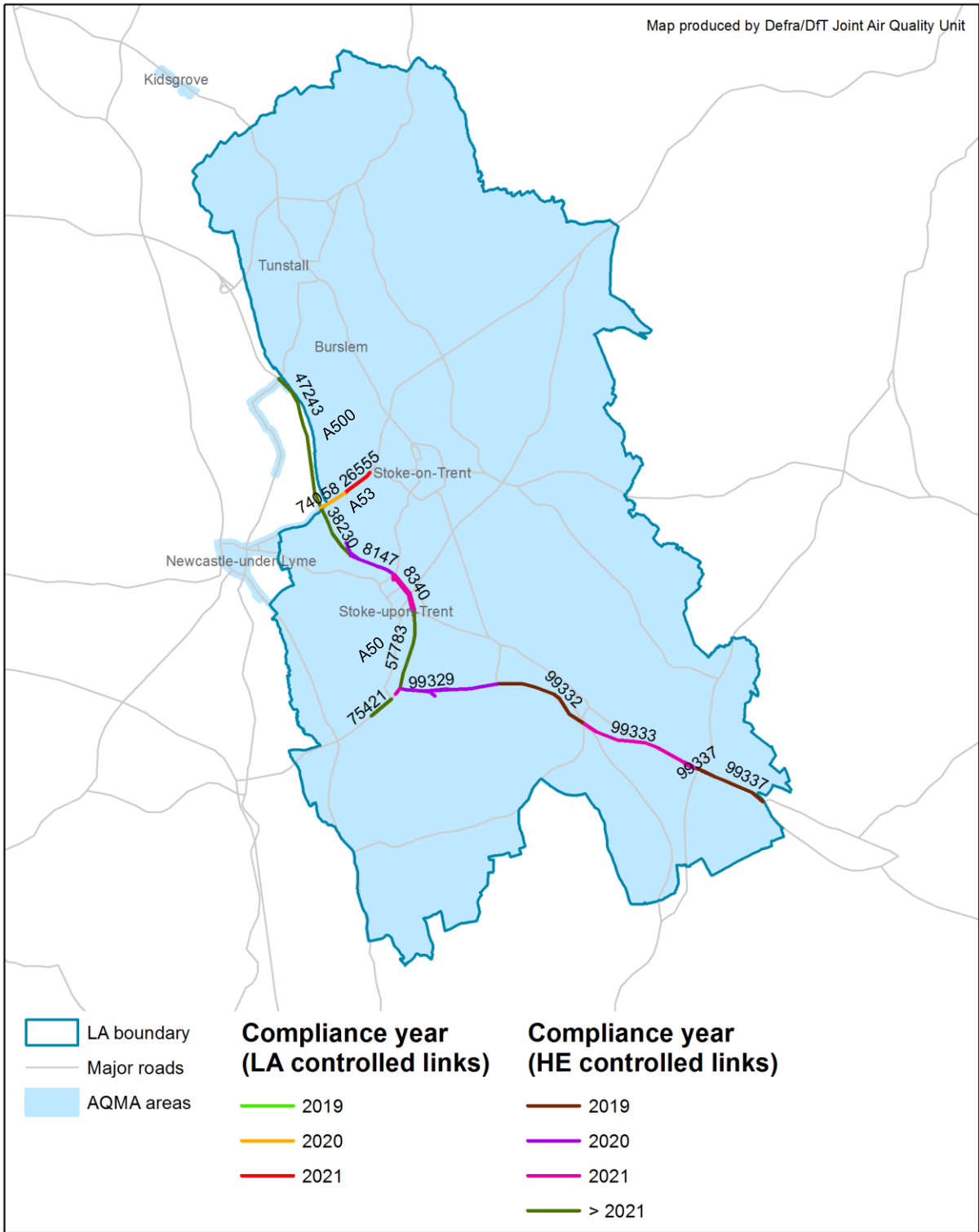
Southend-on-Sea Borough Council

Table of Projected Exceedances

Road(s) in exceedance	Census ID	Annual mean nitrogen dioxide concentration. All figures are provided in $\mu\text{g}/\text{m}^3$ and 40 $\mu\text{g}/\text{m}^3$ is the statutory annual mean limit value for NO_2 .					Source apportionment for total NO_x 2015 (figures may not sum to 100% due to rounding)
		2017	2018	2019	2020	2021	
A127	99319	44	42	40	38	35	7% Regional background, 6% Urban background (non-traffic), 8% Urban background (traffic), 28% Diesel cars, 7% Petrol cars, 23% Diesel LGVs, 0% Petrol LGVs, 13% HGVr, 4% HGVa, 3% Buses

Stoke-on-Trent City Council

Map of Projected Exceedances



Stoke-on-Trent City Council

Table of Projected Exceedances

Road(s) in exceedance	Census ID	Annual mean nitrogen dioxide concentration. All figures are provided in $\mu\text{g}/\text{m}^3$ and 40 $\mu\text{g}/\text{m}^3$ is the statutory annual mean limit value for NO_2 .					Source apportionment for total NO_x 2015 (figures may not sum to 100% due to rounding)
		2017	2018	2019	2020	2021	
A53	26555	47	45	43	41	38	4% Regional background, 10% Urban background (non-traffic), 13% Urban background (traffic), 31% Diesel cars, 7% Petrol cars, 14% Diesel LGVs, 0% Petrol LGVs, 13% HGVr, 5% HGVa, 2% Buses
A500 (Highways England managed)	38230	53	50	47	44	41	3% Regional background, 6% Urban background (non-traffic), 12% Urban background (traffic), 23% Diesel cars, 6% Petrol cars, 16% Diesel LGVs, 0% Petrol LGVs, 16% HGVr, 17% HGVa, 1% Buses

A500 (Highways England managed)	8147	47	45	43	40	38	4% Regional background, 9% Urban background (non-traffic), 13% Urban background (traffic), 22% Diesel cars, 6% Petrol cars, 17% Diesel LGVs, 0% Petrol LGVs, 16% HGVr, 13% HGVa, 1% Buses
A500 (Highways England managed)	8340	50	47	45	42	40	4% Regional background, 9% Urban background (non-traffic), 8% Urban background (traffic), 24% Diesel cars, 6% Petrol cars, 20% Diesel LGVs, 0% Petrol LGVs, 10% HGVr, 17% HGVa, 1% Buses
A500 (Highways England managed)	57783	50	48	46	43	41	4% Regional background, 7% Urban background (non-traffic), 9% Urban background (traffic), 30% Diesel cars, 8% Petrol cars, 20% Diesel LGVs, 0% Petrol LGVs, 9% HGVr, 5% HGVa, 8% Buses

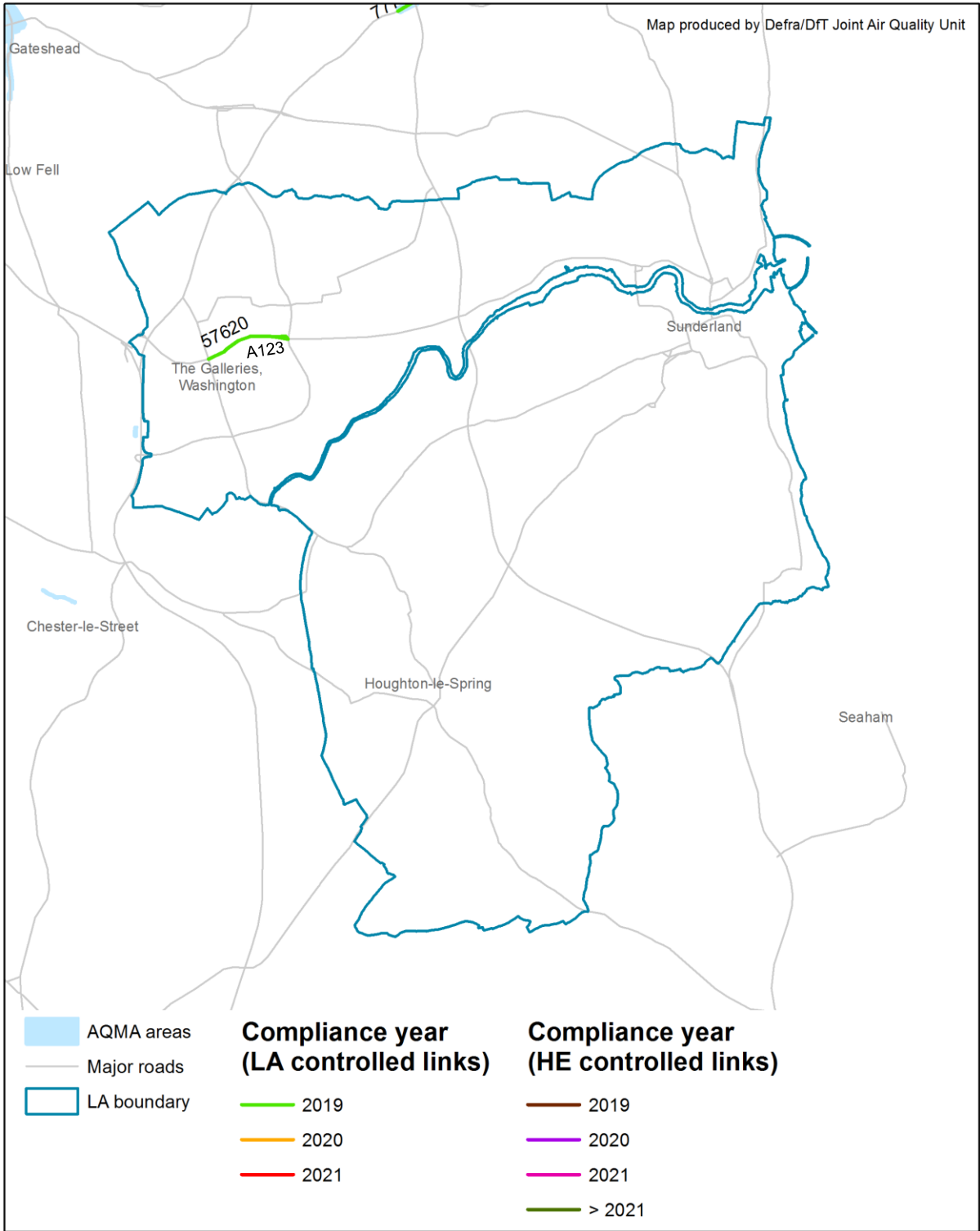
A500 (Highways England managed)	75418	50	48	45	43	40	4% Regional background, 9% Urban background (non-traffic), 10% Urban background (traffic), 26% Diesel cars, 6% Petrol cars, 19% Diesel LGVs, 0% Petrol LGVs, 9% HGVr, 16% HGVa, 1% Buses
A500 (Highways England managed)	75421	52	50	47	45	42	4% Regional background, 9% Urban background (non-traffic), 10% Urban background (traffic), 29% Diesel cars, 7% Petrol cars, 20% Diesel LGVs, 0% Petrol LGVs, 9% HGVr, 5% HGVa, 8% Buses
A50 (Highways England managed)	75422	49	46	44	42	39	4% Regional background, 6% Urban background (non-traffic), 8% Urban background (traffic), 31% Diesel cars, 8% Petrol cars, 21% Diesel LGVs, 0% Petrol LGVs, 9% HGVr, 5% HGVa, 8% Buses

A50 (Highways England managed)	99331	45	42	40	38	35	4% Regional background, 5% Urban background (non-traffic), 11% Urban background (traffic), 25% Diesel cars, 6% Petrol cars, 15% Diesel LGVs, 0% Petrol LGVs, 14% HGVr, 17% HGVa, 1% Buses
A50 (Highways England managed)	99332	45	42	40	38	35	4% Regional background, 5% Urban background (non-traffic), 11% Urban background (traffic), 22% Diesel cars, 5% Petrol cars, 17% Diesel LGVs, 0% Petrol LGVs, 9% HGVr, 25% HGVa, 1% Buses
A50 (Highways England managed)	99333	52	49	46	43	40	4% Regional background, 4% Urban background (non-traffic), 8% Urban background (traffic), 25% Diesel cars, 6% Petrol cars, 16% Diesel LGVs, 0% Petrol LGVs, 14% HGVr, 22% HGVa, 2% Buses

A50 (Highways England managed)	99335	50	47	44	41	39	4% Regional background, 3% Urban background (non-traffic), 8% Urban background (traffic), 24% Diesel cars, 6% Petrol cars, 16% Diesel LGVs, 0% Petrol LGVs, 13% HGVr, 24% HGVa, 2% Buses
A50 (Highways England managed)	99337	44	42	39	37	35	4% Regional background, 4% Urban background (non-traffic), 5% Urban background (traffic), 25% Diesel cars, 6% Petrol cars, 19% Diesel LGVs, 0% Petrol LGVs, 9% HGVr, 25% HGVa, 2% Buses
A50 (Highways England managed)	99329	48	45	43	40	37	4% Regional background, 7% Urban background (non-traffic), 10% Urban background (traffic), 23% Diesel cars, 6% Petrol cars, 14% Diesel LGVs, 0% Petrol LGVs, 15% HGVr, 20% HGVa, 1% Buses

Sunderland City Council

Map of Projected Exceedances



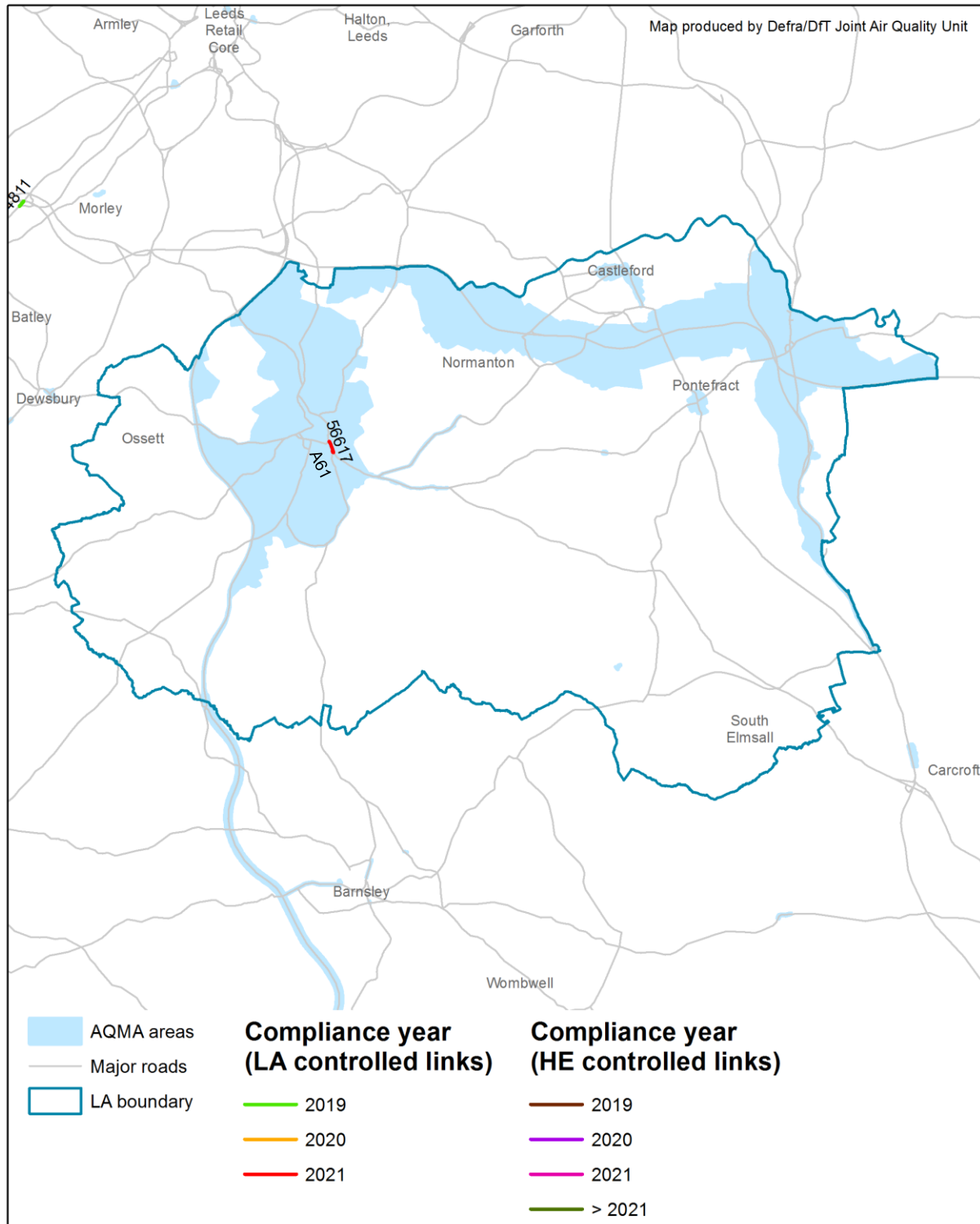
Sunderland City Council

Table of Projected Exceedances

Road(s) in exceedance	Census ID	Annual mean nitrogen dioxide concentration. All figures are provided in $\mu\text{g}/\text{m}^3$ and 40 $\mu\text{g}/\text{m}^3$ is the statutory annual mean limit value for NO_2 .					Source apportionment for total NO_x 2015 (figures may not sum to 100% due to rounding)
		2017	2018	2019	2020	2021	
A1231	57620	43	41	40	37	35	5% Regional background, 7% Urban background (non-traffic), 11% Urban background (traffic), 29% Diesel cars, 7% Petrol cars, 18% Diesel LGVs, 0% Petrol LGVs, 11% HGVr, 11% HGVa, 1% Buses

Wakefield Metropolitan Borough Council

Map of Projected Exceedances



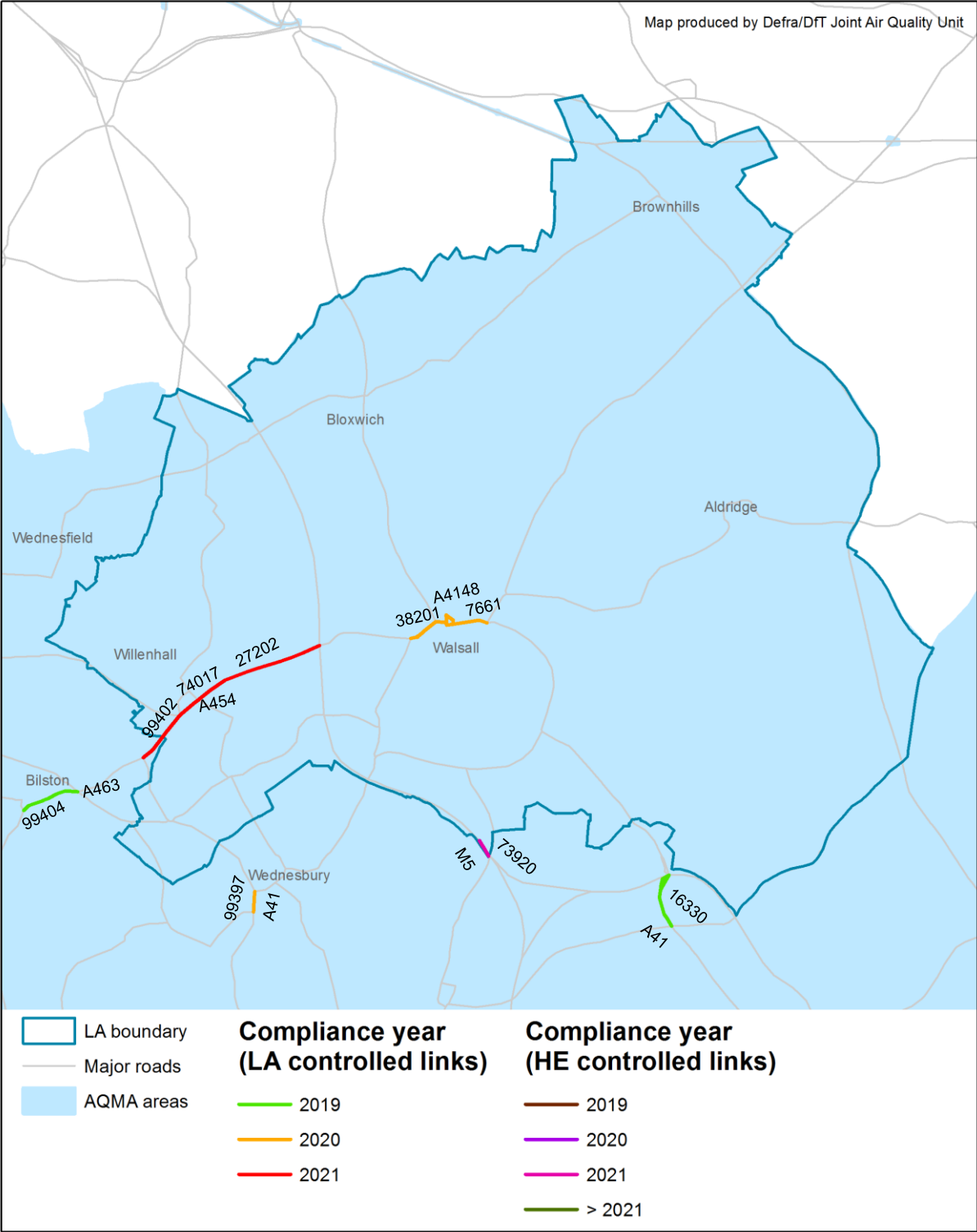
Wakefield Metropolitan Borough Council

Table of Projected Exceedances

Road(s) in exceedance	Census ID	Annual mean nitrogen dioxide concentration. All figures are provided in $\mu\text{g}/\text{m}^3$ and 40 $\mu\text{g}/\text{m}^3$ is the statutory annual mean limit value for NO_2 .					Source apportionment for total NO_x 2015 (figures may not sum to 100% due to rounding)
		2017	2018	2019	2020	2021	
A61	56617	49	46	44	42	40	5% Regional background, 11% Urban background (non-traffic), 11% Urban background (traffic), 28% Diesel cars, 6% Petrol cars, 14% Diesel LGVs, 0% Petrol LGVs, 9% HGVr, 2% HGVa, 14% Buses

Walsall Metropolitan Borough Council

Map of Projected Exceedances



Walsall Metropolitan Borough Council

Table of Projected Exceedances

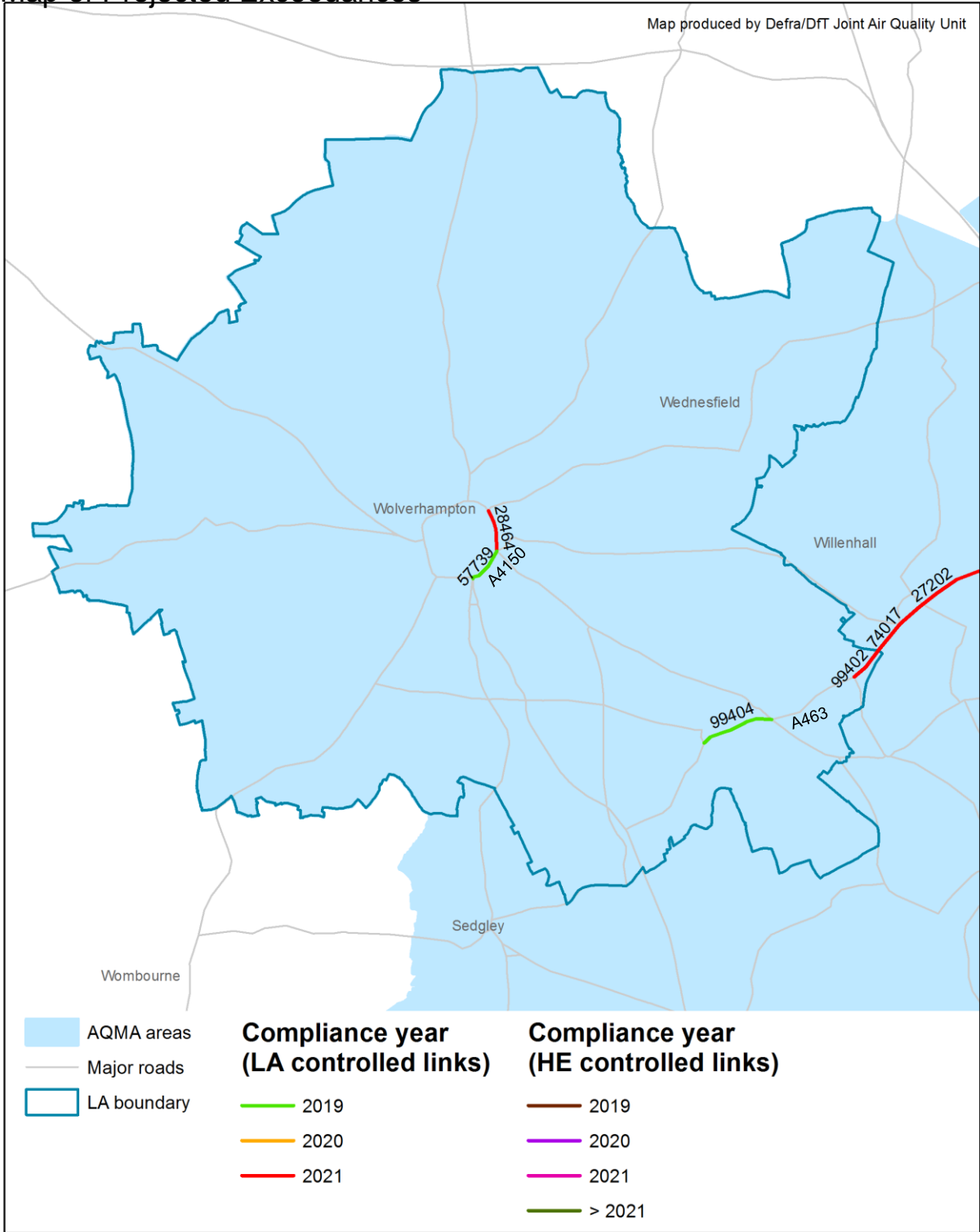
Road(s) in exceedance	Census ID	Annual mean nitrogen dioxide concentration. All figures are provided in $\mu\text{g}/\text{m}^3$ and $40 \mu\text{g}/\text{m}^3$ is the statutory annual mean limit value for NO_2 .					Source apportionment for total NO_x 2015 (figures may not sum to 100% due to rounding)
		2017	2018	2019	2020	2021	
A454	27202	50	47	44	41	38	3% Regional background, 7% Urban background (non-traffic), 11% Urban background (traffic), 18% Diesel cars, 4% Petrol cars, 12% Diesel LGVs, 0% Petrol LGVs, 21% HGVr, 22% HGVA, 2% Buses
A463 ⁴	74017	49	46	43	41	38	4% Regional background, 8% Urban background (non-traffic), 11% Urban background (traffic), 19% Diesel cars, 4% Petrol cars, 15% Diesel LGVs, 0% Petrol LGVs, 23% HGVr, 15% HGVA, 1% Buses

⁴ The current assessment is that there is no public access in the vicinity of this road link and so we currently expect that the local authority will not need to take action on it for the purpose of compliance.

A4148	38201	47	44	42	40	38	4% Regional background, 15% Urban background (non-traffic), 15% Urban background (traffic), 25% Diesel cars, 6% Petrol cars, 16% Diesel LGVs, 0% Petrol LGVs, 10% HGVr, 9% HGVa, 2% Buses
4148	7661	45	43	41	39	37	5% Regional background, 14% Urban background (non-traffic), 14% Urban background (traffic), 29% Diesel cars, 7% Petrol cars, 13% Diesel LGVs, 0% Petrol LGVs, 9% HGVr, 7% HGVa, 3% Buses
M5 (Highways England managed)	73920	48	45	43	41	38	4% Regional background, 9% Urban background (non-traffic), 20% Urban background (traffic), 22% Diesel cars, 2% Petrol cars, 23% Diesel LGVs, 0% Petrol LGVs, 8% HGVr, 10% HGVa, 1% Buses

City of Wolverhampton Council

Map of Projected Exceedances



City of Wolverhampton Council

Table of Projected Exceedances

Road(s) in exceedance	Census ID	Annual mean nitrogen dioxide concentration. All figures are provided in $\mu\text{g}/\text{m}^3$ and $40 \mu\text{g}/\text{m}^3$ is the statutory annual mean limit value for NO_2 .					Source apportionment for total NO_x 2015 (figures may not sum to 100% due to rounding)
		2017	2018	2019	2020	2021	
A4150	28464	48	46	43	41	39	4% Regional background, 17% Urban background (non-traffic), 16% Urban background (traffic), 22% Diesel cars, 5% Petrol cars, 11% Diesel LGVs, 0% Petrol LGVs, 12% HGVr, 3% HGVa, 10% Buses
A463	99402	49	46	43	41	38	4% Regional background, 8% Urban background (non-traffic), 11% Urban background (traffic), 19% Diesel cars, 4% Petrol cars, 15% Diesel LGVs, 0% Petrol LGVs, 23% HGVr, 15% HGVa, 1% Buses

A4150	57739	44	42	40	38	36	5% Regional background, 20% Urban background (non-traffic), 18% Urban background (traffic), 24% Diesel cars, 6% Petrol cars, 14% Diesel LGVs, 0% Petrol LGVs, 9% HGVr, 2% HGVa, 3% Buses
A463	99404	43	41	39	37	34	4% Regional background, 11% Urban background (non-traffic), 14% Urban background (traffic), 19% Diesel cars, 4% Petrol cars, 15% Diesel LGVs, 0% Petrol LGVs, 10% HGVr, 12% HGVa, 10% Buses