

Technical note 03

Figure C.11 – Sector 1022 (Buncrana) to All N.I. – HGV

Belfast and Northern Ireland Models: Cross Border Movements

Modelled Weekday 12hr HGV Trips (UC4)

Origin: Sector 1022 (Buncrana)

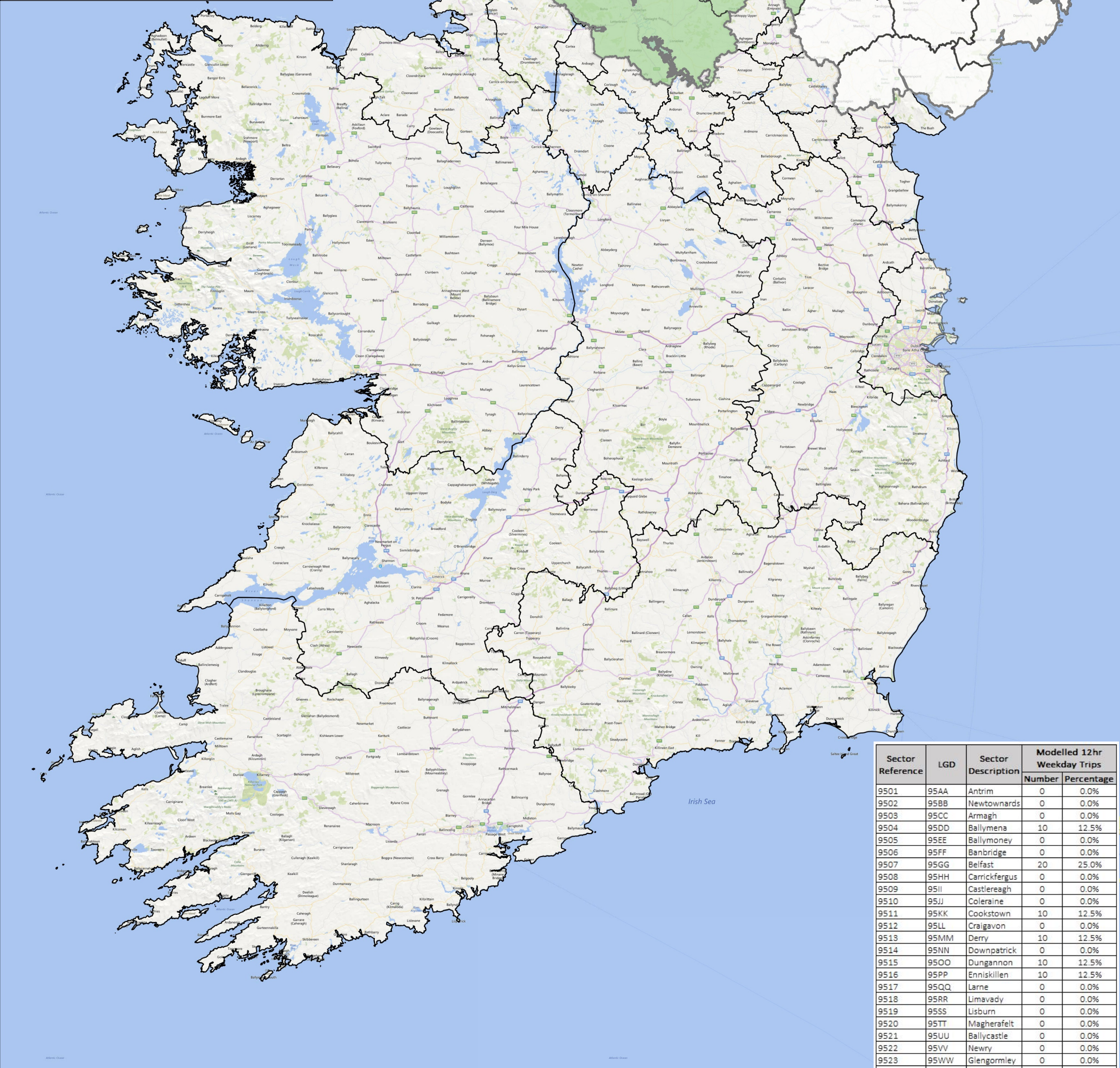
Destination: All NI

Legend

- NI/ROI Border
- Model Sectors
- Sector 1022 (Buncrana)

Proportion of Trips from Sector 1022 to All NI

- 0%
- 1-10%
- 11-20%
- 21-30%
- 31-40%
- 41-50%
- 51+%



Sector Reference	LGD	Sector Description	Modelled 12hr Weekday Trips	
			Number	Percentage
9501	95AA	Antrim	0	0.0%
9502	95BB	Newtownards	0	0.0%
9503	95CC	Armagh	0	0.0%
9504	95DD	Ballymena	10	12.5%
9505	95EE	Ballymoney	0	0.0%
9506	95FF	Banbridge	0	0.0%
9507	95GG	Belfast	20	25.0%
9508	95HH	Carrickfergus	0	0.0%
9509	95II	Castlereagh	0	0.0%
9510	95JJ	Coleraine	0	0.0%
9511	95KK	Cookstown	10	12.5%
9512	95LL	Craigavon	0	0.0%
9513	95MM	Derry	10	12.5%
9514	95NN	Downpatrick	0	0.0%
9515	95OO	Dungannon	10	12.5%
9516	95PP	Enniskillen	10	12.5%
9517	95QQ	Larne	0	0.0%
9518	95RR	Limavady	0	0.0%
9519	95SS	Lisburn	0	0.0%
9520	95TT	Magherafelt	0	0.0%
9521	95UU	Ballycastle	0	0.0%
9522	95VV	Newry	0	0.0%
9523	95WW	Glengormley	0	0.0%
9524	95XX	Bangor	0	0.0%
9525	95YY	Omagh	10	12.5%
9526	95ZZ	Strabane	0	0.0%
Total			80	100%

0 50 100 km

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
Figure C.12 – All N.I. to Sector 1022 (Buncrana) – HGV

Belfast and Northern Ireland Models: Cross Border Movements








Modelled Weekday 12hr HGV Trips (UC4)

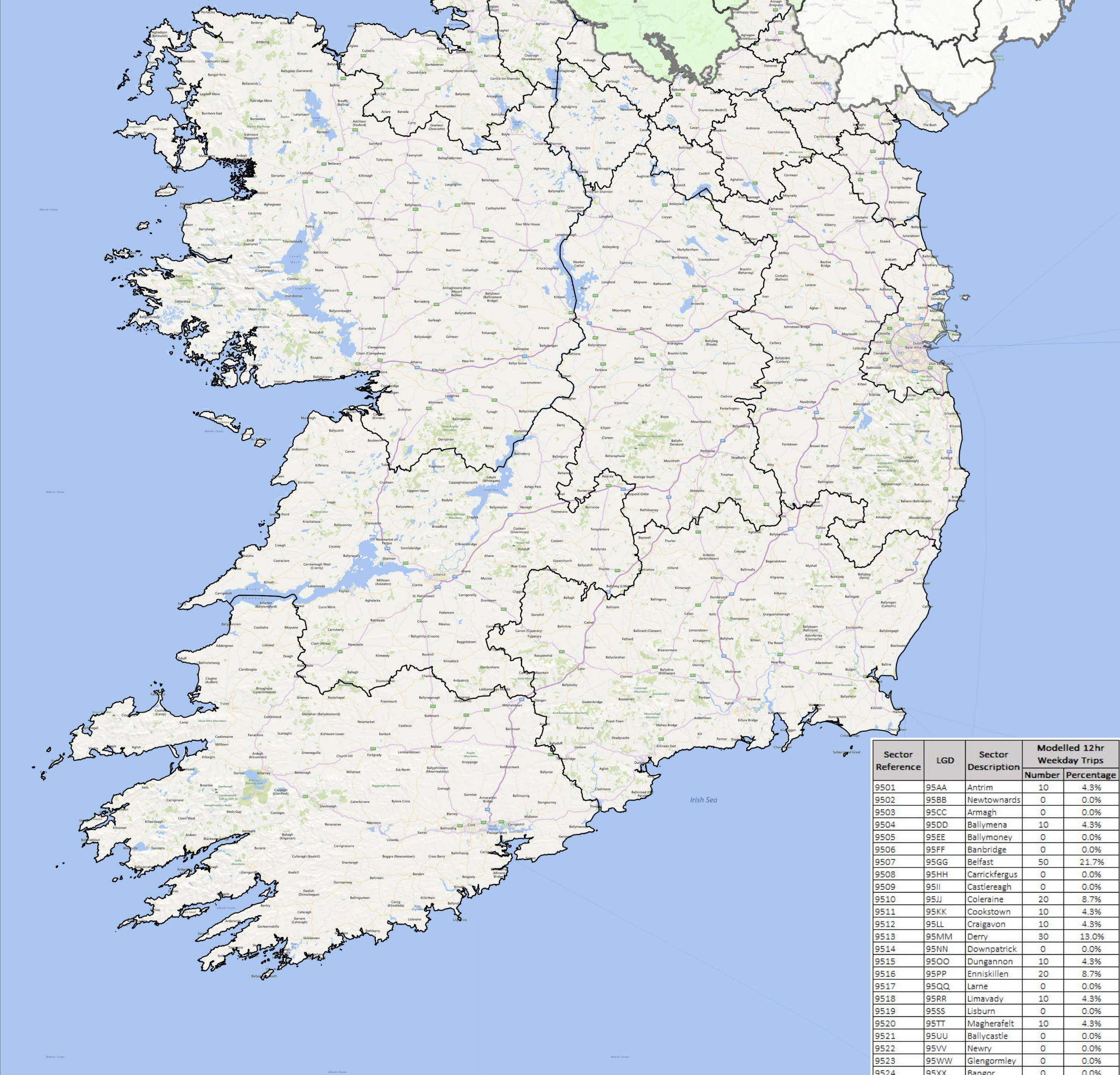
Origin: All NI
Destination: Sector 1022 (Buncrana)

Legend

-  NI/ROI Border
-  Model Sectors
-  Sector 1022 (Buncrana)

Proportion of Trips from All NI to Sector 1022

-  0%
-  1-10%
-  11-20%
-  21-30%
-  31-40%
-  41-50%
-  51+%



Sector Reference	LGD	Sector Description	Modelled 12hr Weekday Trips	
			Number	Percentage
9501	95AA	Antrim	10	4.3%
9502	95BB	Newtownards	0	0.0%
9503	95CC	Armagh	0	0.0%
9504	95DD	Ballymena	10	4.3%
9505	95EE	Ballymoney	0	0.0%
9506	95FF	Banbridge	0	0.0%
9507	95GG	Belfast	50	21.7%
9508	95HH	Carrickfergus	0	0.0%
9509	95II	Castlereagh	0	0.0%
9510	95JJ	Coleraine	20	8.7%
9511	95KK	Cookstown	10	4.3%
9512	95LL	Craigavon	10	4.3%
9513	95MM	Derry	30	13.0%
9514	95NN	Downpatrick	0	0.0%
9515	95OO	Dungannon	10	4.3%
9516	95PP	Enniskillen	20	8.7%
9517	95QQ	Larne	0	0.0%
9518	95RR	Limavady	10	4.3%
9519	95SS	Lisburn	0	0.0%
9520	95TT	Magherafelt	10	4.3%
9521	95UU	Ballycastle	0	0.0%
9522	95VV	Newry	0	0.0%
9523	95WW	Glengormley	0	0.0%
9524	95XX	Bangor	0	0.0%
9525	95YY	Omagh	20	8.7%
9526	95ZZ	Strabane	20	8.7%
Total			230	100%



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Figure C.13 – Sector 1026 (Dublin) to All N.I. – Car/LGV

Belfast and Northern Ireland Models: Cross Border Movements

Modelled Weekday 12hr Car/LGV Trips (UC1-3)

Origin: Sector 1026 (Dublin)

Destination: All NI

Legend

NI/ROI Border

Model Sectors

Sector 1026 (Dublin)

Proportion of Trips from Sector 1026 to All NI

0%

1-10%

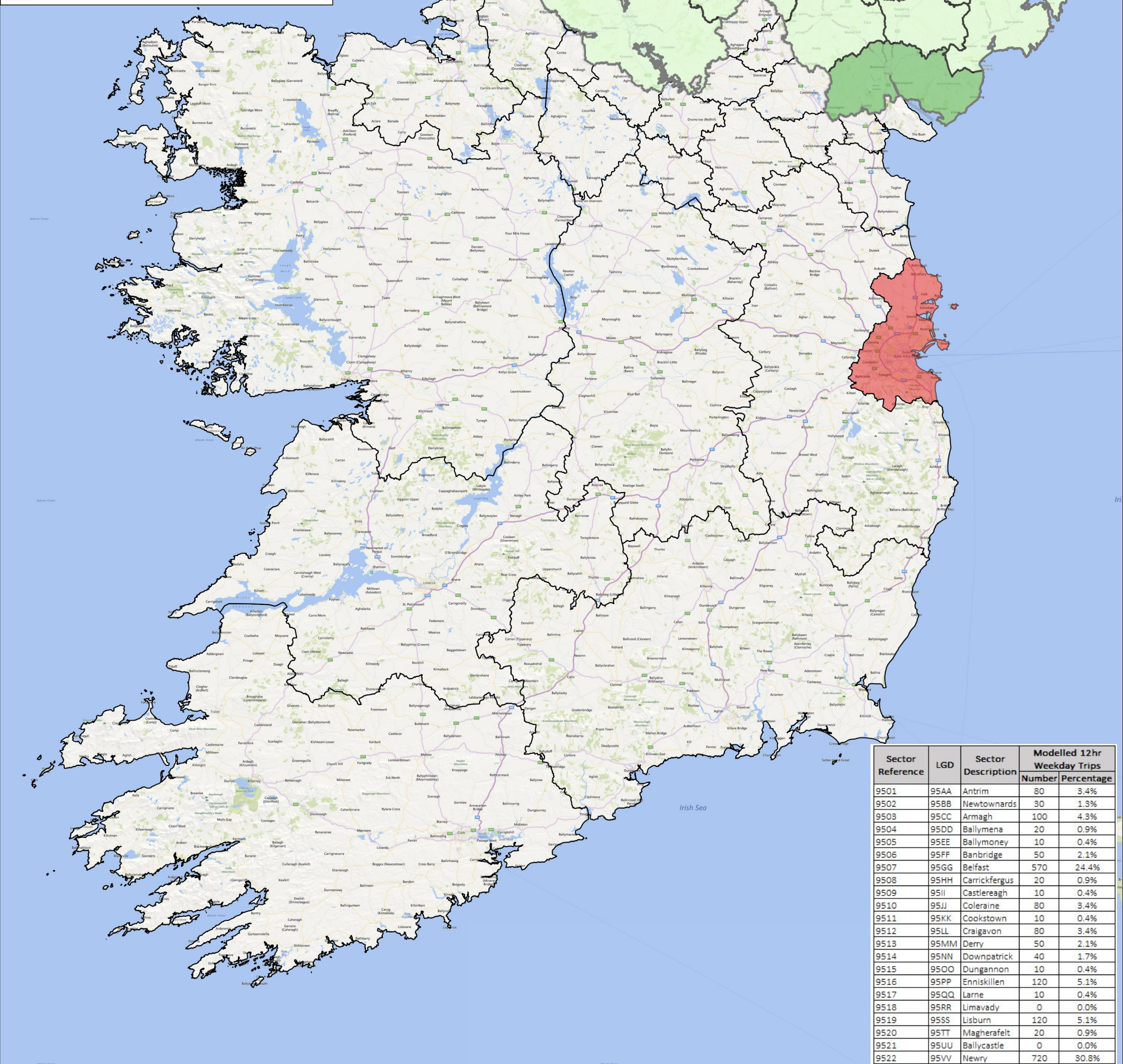
11-20%

21-30%

31-40%

41-50%

51+%



Sector Reference	LGD	Sector Description	Modelled 12hr Weekday Trips	
			Number	Percentage
9501	95AA	Antrim	80	3.4%
9502	95BB	Newtownards	30	1.3%
9503	95CC	Armagh	100	4.3%
9504	95DD	Ballymena	20	0.9%
9505	95EE	Ballymoney	10	0.4%
9506	95FF	Banbridge	50	2.1%
9507	95GG	Belfast	570	24.4%
9508	95HH	Carrickfergus	20	0.9%
9509	95II	Castlereagh	10	0.4%
9510	95JJ	Coleraine	80	3.4%
9511	95KK	Cookstown	10	0.4%
9512	95LL	Craigavon	80	3.4%
9513	95MM	Derry	50	2.1%
9514	95NN	Downpatrick	40	1.7%
9515	95OO	Dungannon	10	0.4%
9516	95PP	Enniskillen	120	5.1%
9517	95QQ	Larne	10	0.4%
9518	95RR	Limavady	0	0.0%
9519	95SS	Lisburn	120	5.1%
9520	95TT	Magherafelt	20	0.9%
9521	95UU	Ballycastle	0	0.0%
9522	95VV	Newry	720	30.8%
9523	95WW	Glengormley	90	3.8%
9524	95XX	Bangor	60	2.6%
9525	95YY	Omagh	30	1.3%
9526	95ZZ	Strabane	10	0.4%
Total			2340	100%

0 50 100 km

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Figure C.14 – All N.I. to Sector 1026 (Dublin) – Car/LGV

Belfast and Northern Ireland Models: Cross Border Movements

Modelled Weekday 12hr Car/LGV Trips (UC1-3)

Origin: All NI
Destination: Sector 1026 (Dublin)

Legend

NI/ROI Border

Model Sectors

Sector 1026 (Dublin)

Proportion of Trips from All NI to Sector 1026

0%

1-10%

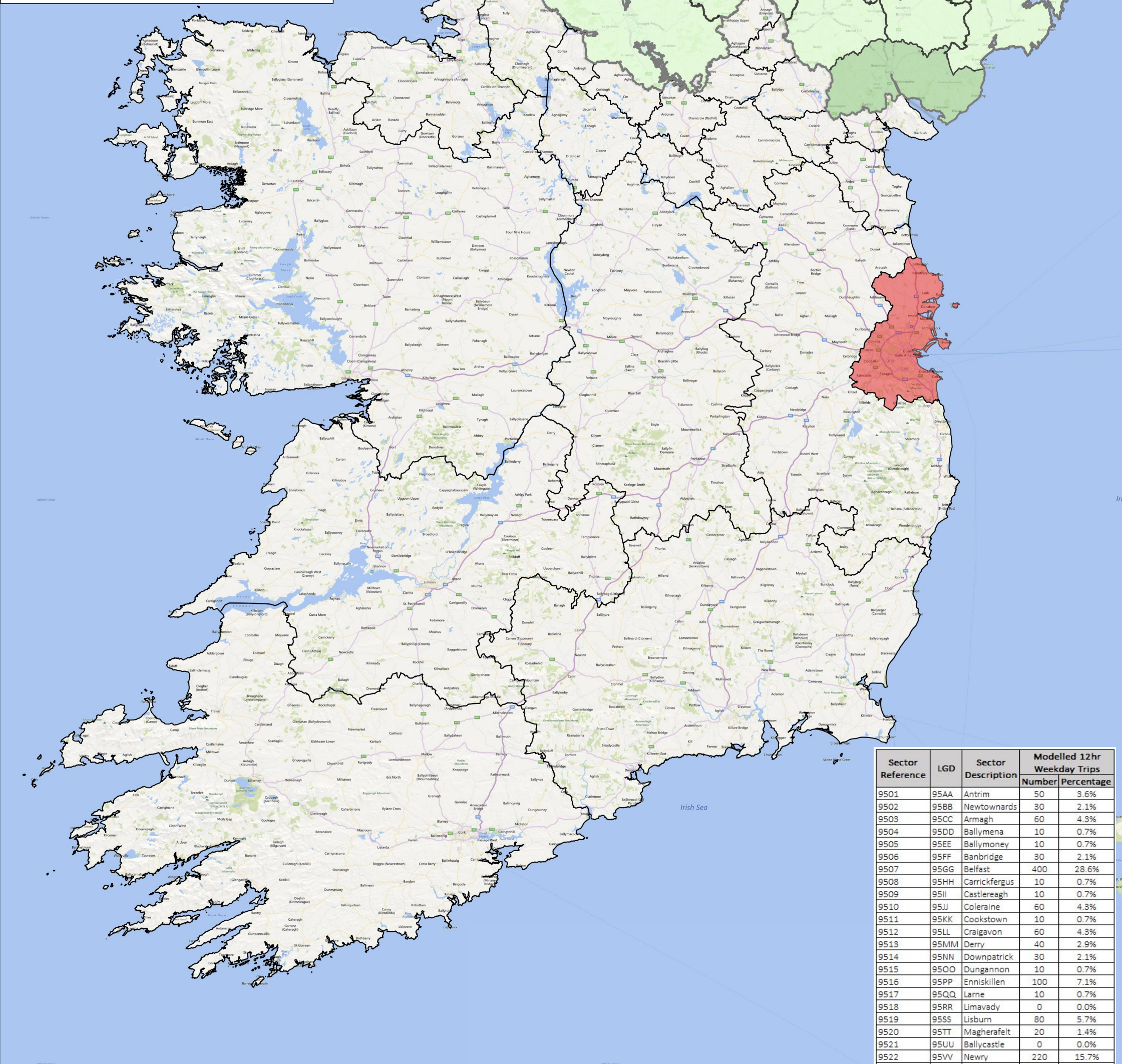
11-20%

21-30%

31-40%

41-50%

51+%



Sector Reference	LGD	Sector Description	Modelled 12hr Weekday Trips	
			Number	Percentage
9501	95AA	Antrim	50	3.6%
9502	95BB	Newtownards	30	2.1%
9503	95CC	Armagh	60	4.3%
9504	95DD	Ballymena	10	0.7%
9505	95EE	Ballymoney	10	0.7%
9506	95FF	Banbridge	30	2.1%
9507	95GG	Belfast	400	28.6%
9508	95HH	Carrickfergus	10	0.7%
9509	95II	Castlereagh	10	0.7%
9510	95JJ	Coleraine	60	4.3%
9511	95KK	Cookstown	10	0.7%
9512	95LL	Craigavon	60	4.3%
9513	95MM	Derry	40	2.9%
9514	95NN	Downpatrick	30	2.1%
9515	95OO	Dungannon	10	0.7%
9516	95PP	Enniskillen	100	7.1%
9517	95QQ	Larne	10	0.7%
9518	95RR	Limavady	0	0.0%
9519	95SS	Lisburn	80	5.7%
9520	95TT	Magherafelt	20	1.4%
9521	95UU	Ballycastle	0	0.0%
9522	95VV	Newry	220	15.7%
9523	95WW	Glengormley	60	4.3%
9524	95XX	Bangor	50	3.6%
9525	95YY	Omagh	30	2.1%
9526	95ZZ	Strabane	10	0.7%
Total			1400	100%

0 50 100 km

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Figure C.15 – Sector 1026 (Dublin) to All N.I. – HGV

Belfast and Northern Ireland Models: Cross Border Movements

Modelled Weekday 12hr HGV Trips (UC4)

Origin: Sector 1026 (Dublin)

Destination: All NI

Legend

NI/ROI Border

Model Sectors

Sector 1026 (Dublin)

Proportion of Trips from Sector 1026 to All NI

0%

1-10%

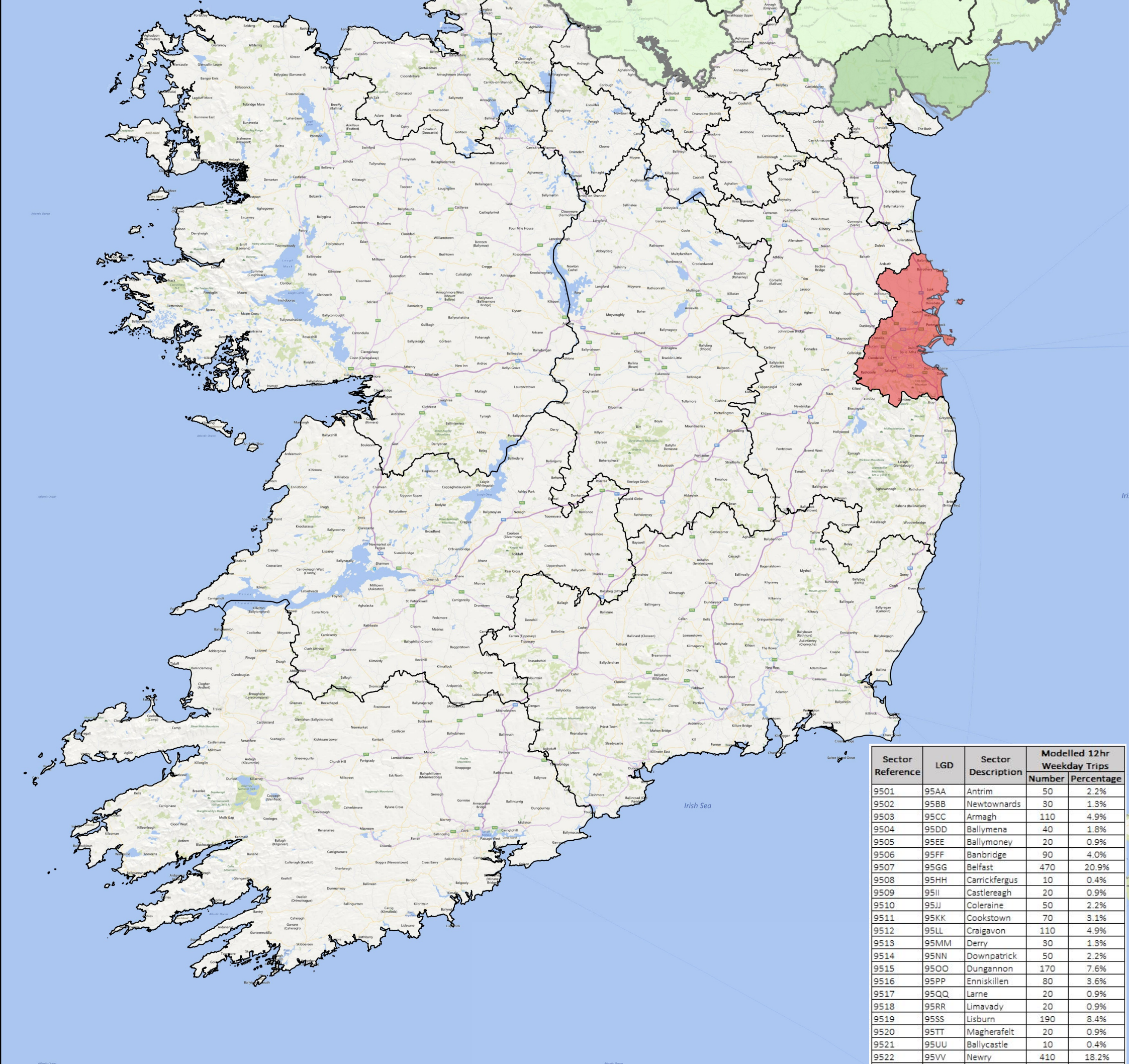
11-20%

21-30%

31-40%

41-50%

51+%



Sector Reference	LGD	Sector Description	Modelled 12hr Weekday Trips	
			Number	Percentage
9501	95AA	Antrim	50	2.2%
9502	95BB	Newtownards	30	1.3%
9503	95CC	Armagh	110	4.9%
9504	95DD	Ballymena	40	1.8%
9505	95EE	Ballymoney	20	0.9%
9506	95FF	Banbridge	90	4.0%
9507	95GG	Belfast	470	20.9%
9508	95HH	Carrickfergus	10	0.4%
9509	95II	Castlereagh	20	0.9%
9510	95JJ	Coleraine	50	2.2%
9511	95KK	Cookstown	70	3.1%
9512	95LL	Craigavon	110	4.9%
9513	95MM	Derry	30	1.3%
9514	95NN	Downpatrick	50	2.2%
9515	95OO	Dungannon	170	7.6%
9516	95PP	Enniskillen	80	3.6%
9517	95QQ	Larne	20	0.9%
9518	95RR	Limavady	20	0.9%
9519	95SS	Lisburn	190	8.4%
9520	95TT	Magherafelt	20	0.9%
9521	95UU	Ballycastle	10	0.4%
9522	95VV	Newry	410	18.2%
9523	95WW	Glengormley	70	3.1%
9524	95XX	Bangor	20	0.9%
9525	95YY	Omagh	60	2.7%
9526	95ZZ	Strabane	30	1.3%
Total			2250	100%

0 50 100 km

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Figure C.16 – All N.I. to Sector 1026 (Dublin) – HGV

Belfast and Northern Ireland Models: Cross Border Movements

Modelled Weekday 12hr HGV Trips (UC4)

Origin: All NI

Destination: Sector 1026 (Dublin)

Legend

NI/ROI Border

Model Sectors

Sector 1026 (Dublin)

Proportion of Trips from All NI to Sector 1026

0%

1-10%

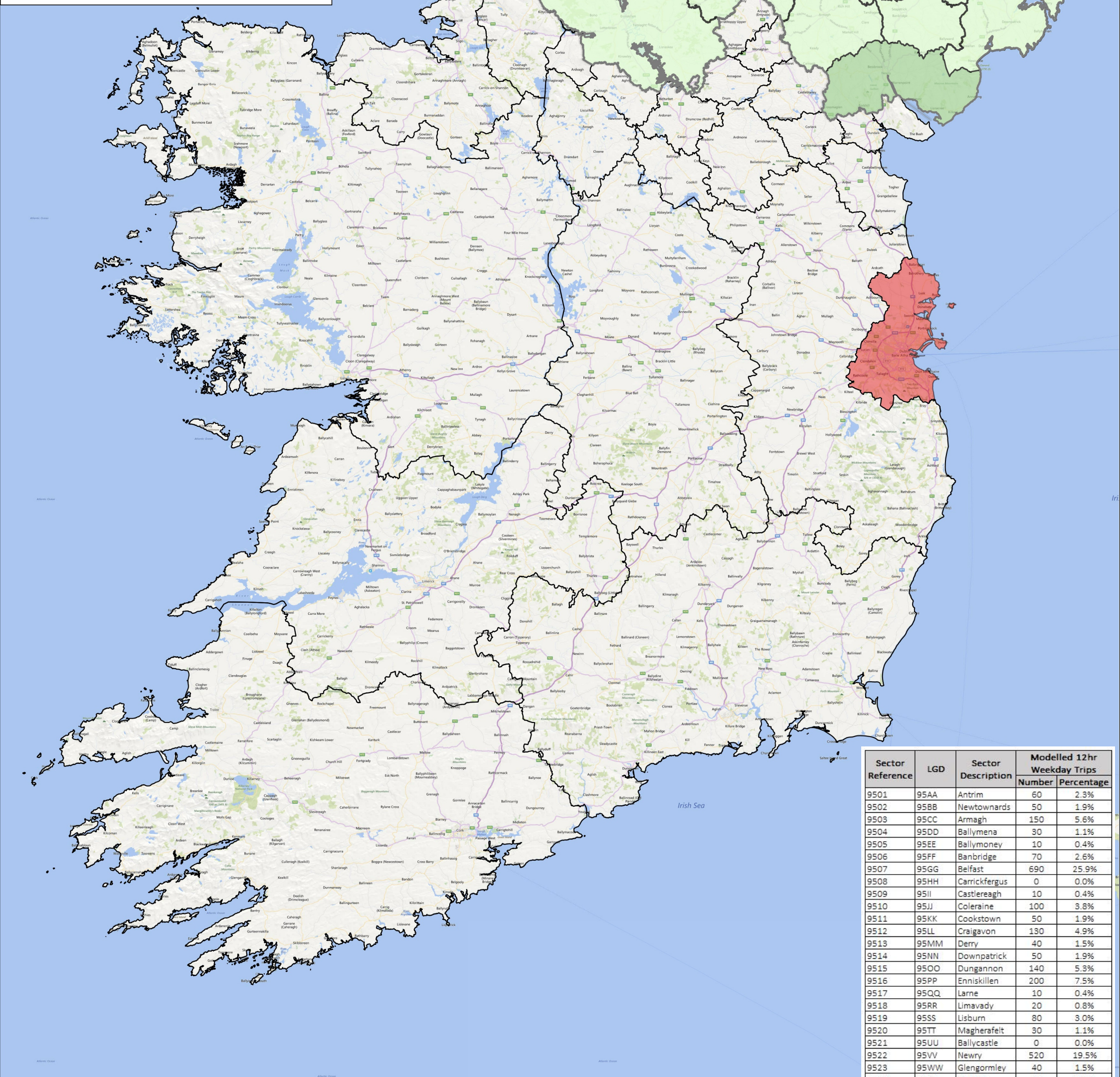
11-20%

21-30%

31-40%

41-50%

51+%



Sector Reference	LGD	Sector Description	Modelled 12hr Weekday Trips	
			Number	Percentage
9501	95AA	Antrim	60	2.3%
9502	95BB	Newtownards	50	1.9%
9503	95CC	Armagh	150	5.6%
9504	95DD	Ballymena	30	1.1%
9505	95EE	Ballymoney	10	0.4%
9506	95FF	Banbridge	70	2.6%
9507	95GG	Belfast	690	25.9%
9508	95HH	Carrickfergus	0	0.0%
9509	95II	Castlereagh	10	0.4%
9510	95JJ	Coleraine	100	3.8%
9511	95KK	Cookstown	50	1.9%
9512	95LL	Craigavon	130	4.9%
9513	95MM	Derry	40	1.5%
9514	95NN	Downpatrick	50	1.9%
9515	95OO	Dungannon	140	5.3%
9516	95PP	Enniskillen	200	7.5%
9517	95QQ	Larne	10	0.4%
9518	95RR	Limavady	20	0.8%
9519	95SS	Lisburn	80	3.0%
9520	95TT	Magherafelt	30	1.1%
9521	95UU	Ballycastle	0	0.0%
9522	95VV	Newry	520	19.5%
9523	95WW	Glengormley	40	1.5%
9524	95XX	Bangor	10	0.4%
9525	95YY	Omagh	100	3.8%
9526	95ZZ	Strabane	70	2.6%
Total			2660	100%

0 50 100 km

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Appendix D – Border Traffic Count

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Figure D.1 – 2 Way Flow – AM, IP & PM

ATC Locations: Cross Border Movements

Legend

Cross Border ATC Locations

- A5 Study
- LMS New Data
- NRA TII Counts
- TICC Census Report

