

Appendix D – Vehicle Fleet Split Assumptions

National Car Fuel Type Splits

Vehicle	2008	2015
Diesel car	27%	37%
Petrol car	73%	63%

National Car Fleet Proportions

Fuel Type	Engine	Standard	2008	2015
Petrol	<1400 cc	Pre-Euro I	0%	0%
Petrol	<1400 cc	Euro I	2%	0%
Petrol	<1400 cc	Euro II	8%	1%
Petrol	<1400 cc	Euro III	7%	2%
Petrol	<1400 cc	Euro IV	20%	14%
Petrol	<1400 cc	Euro V	0%	18%
Petrol	<1400 cc	Euro VI	0%	3%
Petrol	1400-2000	Pre-Euro I	1%	0%
Petrol	1400-2000	Euro I	3%	0%
Petrol	1400-2000	Euro II	10%	1%
Petrol	1400-2000	Euro III	9%	2%
Petrol	1400-2000	Euro IV	25%	17%
Petrol	1400-2000	Euro V	0%	22%
Petrol	1400-2000	Euro VI	0%	4%
Petrol	>2000 cc	Pre-Euro I	0%	0%
Petrol	>2000 cc	Euro I	1%	0%
Petrol	>2000 cc	Euro II	3%	0%
Petrol	>2000 cc	Euro III	3%	1%
Petrol	>2000 cc	Euro IV	7%	5%
Petrol	>2000 cc	Euro V	0%	7%
Petrol	>2000 cc	Euro VI	0%	1%
Diesel	<1400 cc	Pre-Euro I	0%	0%
Diesel	<1400 cc	Euro I	0%	0%
Diesel	<1400 cc	Euro II	0%	0%
Diesel	<1400 cc	Euro III	2%	1%
Diesel	<1400 cc	Euro IV	2%	1%
Diesel	<1400 cc	Euro V	0%	3%
Diesel	<1400 cc	Euro VI	0%	1%
Diesel	1400-2000	Pre-Euro I	0%	0%
Diesel	1400-2000	Euro I	2%	0%
Diesel	1400-2000	Euro II	6%	0%
Diesel	1400-2000	Euro III	27%	7%
Diesel	1400-2000	Euro IV	28%	17%
Diesel	1400-2000	Euro V	0%	33%
Diesel	1400-2000	Euro VI	0%	6%
Diesel	>2000 cc	Pre-Euro I	0%	0%
Diesel	>2000 cc	Euro I	1%	0%
Diesel	>2000 cc	Euro II	3%	0%
Diesel	>2000 cc	Euro III	13%	3%
Diesel	>2000 cc	Euro IV	14%	8%
Diesel	>2000 cc	Euro V	0%	16%
Diesel	>2000 cc	Euro VI	0%	3%

National LGV Fuel Type Splits

	2008	2016
Petrol	10%	10%
Diesel	90%	90%

National LGV Fleet Proportions

Size	Fuel_Type	Standard	2008	2015
LGV N1(I)	Petrol	Pre-Euro I	0%	0%
LGV N1(I)	Petrol	Euro I	0%	0%
LGV N1(I)	Petrol	Euro II	1%	0%
LGV N1(I)	Petrol	Euro III	2%	1%
LGV N1(I)	Petrol	Euro IV	2%	2%
LGV N1(I)	Petrol	Euro V	0%	3%
LGV N1(I)	Petrol	Euro VI	0%	0%
LGV N1(II)	Petrol	Pre-Euro I	1%	0%
LGV N1(II)	Petrol	Euro I	1%	0%
LGV N1(II)	Petrol	Euro II	5%	1%
LGV N1(II)	Petrol	Euro III	9%	3%
LGV N1(II)	Petrol	Euro IV	10%	9%
LGV N1(II)	Petrol	Euro V	0%	13%
LGV N1(II)	Petrol	Euro VI	0%	0%
LGV N1(III)	Petrol	Pre-Euro I	3%	0%
LGV N1(III)	Petrol	Euro I	3%	0%
LGV N1(III)	Petrol	Euro II	13%	2%
LGV N1(III)	Petrol	Euro III	23%	8%
LGV N1(III)	Petrol	Euro IV	26%	25%
LGV N1(III)	Petrol	Euro V	0%	34%
LGV N1(III)	Petrol	Euro VI	0%	0%
LGV N1(I)	Diesel	Pre-Euro I	0%	0%
LGV N1(I)	Diesel	Euro I	0%	0%
LGV N1(I)	Diesel	Euro II	1%	0%
LGV N1(I)	Diesel	Euro III	2%	1%
LGV N1(I)	Diesel	Euro IV	2%	2%
LGV N1(I)	Diesel	Euro V	0%	3%
LGV N1(I)	Diesel	Euro VI	0%	0%
LGV N1(II)	Diesel	Pre-Euro I	0%	0%
LGV N1(II)	Diesel	Euro I	1%	0%
LGV N1(II)	Diesel	Euro II	5%	1%
LGV N1(II)	Diesel	Euro III	9%	3%
LGV N1(II)	Diesel	Euro IV	10%	9%
LGV N1(II)	Diesel	Euro V	0%	13%
LGV N1(II)	Diesel	Euro VI	0%	0%
LGV N1(III)	Diesel	Pre-Euro I	1%	0%
LGV N1(III)	Diesel	Euro I	3%	0%
LGV N1(III)	Diesel	Euro II	13%	2%
LGV N1(III)	Diesel	Euro III	24%	8%
LGV N1(III)	Diesel	Euro IV	27%	25%
LGV N1(III)	Diesel	Euro V	0%	34%
LGV N1(III)	Diesel	Euro VI	0%	0%

National OGV Type Splits

Vehicle	2008	2015
Artic HGV	17%	17%
Rigid HGV	83%	83%

National OGV Fleet Proportions - Rigid

Size	Weight	Standard	2008	2015
HGV - rigid	3.5-7.5 t	Pre-Euro I	0%	0%
HGV - rigid	3.5-7.5 t	Euro I	1%	0%
HGV - rigid	3.5-7.5 t	Euro II	12%	0%
HGV - rigid	3.5-7.5 t	Euro III	22%	6%
HGV - rigid	3.5-7.5 t	Euro IV	10%	5%
HGV - rigid	3.5-7.5 t	Euro V	1%	21%
HGV - rigid	3.5-7.5 t	Euro VI	0%	14%
HGV - rigid	7.5-12 t	Pre-Euro I	0%	0%
HGV - rigid	7.5-12 t	Euro I	0%	0%
HGV - rigid	7.5-12 t	Euro II	1%	0%
HGV - rigid	7.5-12 t	Euro III	2%	0%
HGV - rigid	7.5-12 t	Euro IV	1%	0%
HGV - rigid	7.5-12 t	Euro V	0%	1%
HGV - rigid	7.5-12 t	Euro VI	0%	1%
HGV - rigid	12-14 t	Pre-Euro I	0%	0%
HGV - rigid	12-14 t	Euro I	0%	0%
HGV - rigid	12-14 t	Euro II	1%	0%
HGV - rigid	12-14 t	Euro III	1%	0%
HGV - rigid	12-14 t	Euro IV	1%	0%
HGV - rigid	12-14 t	Euro V	0%	1%
HGV - rigid	12-14 t	Euro VI	0%	1%
HGV - rigid	14-20 t	Pre-Euro I	0%	0%
HGV - rigid	14-20 t	Euro I	1%	0%
HGV - rigid	14-20 t	Euro II	6%	0%
HGV - rigid	14-20 t	Euro III	11%	3%
HGV - rigid	14-20 t	Euro IV	5%	3%
HGV - rigid	14-20 t	Euro V	1%	10%
HGV - rigid	14-20 t	Euro VI	0%	7%
HGV - rigid	20-26 t	Pre-Euro I	0%	0%
HGV - rigid	20-26 t	Euro I	0%	0%
HGV - rigid	20-26 t	Euro II	2%	0%
HGV - rigid	20-26 t	Euro III	3%	1%
HGV - rigid	20-26 t	Euro IV	2%	1%
HGV - rigid	20-26 t	Euro V	0%	3%
HGV - rigid	20-26 t	Euro VI	0%	2%
HGV - rigid	26-28 t	Pre-Euro I	0%	0%
HGV - rigid	26-28 t	Euro I	0%	0%
HGV - rigid	26-28 t	Euro II	1%	0%
HGV - rigid	26-28 t	Euro III	2%	1%
HGV - rigid	26-28 t	Euro IV	1%	1%
HGV - rigid	26-28 t	Euro V	0%	2%
HGV - rigid	26-28 t	Euro VI	0%	2%
HGV - rigid	28-32 t	Pre-Euro I	0%	0%
HGV - rigid	28-32 t	Euro I	0%	0%
HGV - rigid	28-32 t	Euro II	3%	0%
HGV - rigid	28-32 t	Euro III	5%	1%
HGV - rigid	28-32 t	Euro IV	2%	1%
HGV - rigid	28-32 t	Euro V	0%	5%
HGV - rigid	28-32 t	Euro VI	0%	3%
HGV - rigid	>32 t	Pre-Euro I	0%	0%
HGV - rigid	>32 t	Euro I	0%	0%
HGV - rigid	>32 t	Euro II	0%	0%
HGV - rigid	>32 t	Euro III	1%	0%
HGV - rigid	>32 t	Euro IV	0%	0%
HGV - rigid	>32 t	Euro V	0%	1%
HGV - rigid	>32 t	Euro VI	0%	0%

National OGV Fleet Proportions - Artic

Size	Weight	Standard	2008	2015
HGV - artic	14-20 t	Pre-Euro I	0%	0%
HGV - artic	14-20 t	Euro I	0%	0%
HGV - artic	14-20 t	Euro II	0%	0%
HGV - artic	14-20 t	Euro III	0%	0%
HGV - artic	14-20 t	Euro IV	0%	0%
HGV - artic	14-20 t	Euro V	0%	0%
HGV - artic	14-20 t	Euro VI	0%	0%
HGV - artic	20-28 t	Pre-Euro I	0%	0%
HGV - artic	20-28 t	Euro I	0%	0%
HGV - artic	20-28 t	Euro II	2%	0%
HGV - artic	20-28 t	Euro III	4%	1%
HGV - artic	20-28 t	Euro IV	2%	1%
HGV - artic	20-28 t	Euro V	0%	3%
HGV - artic	20-28 t	Euro VI	0%	2%
HGV - artic	28-34 t	Pre-Euro I	0%	0%
HGV - artic	28-34 t	Euro I	0%	0%
HGV - artic	28-34 t	Euro II	1%	0%
HGV - artic	28-34 t	Euro III	2%	1%
HGV - artic	28-34 t	Euro IV	1%	0%
HGV - artic	28-34 t	Euro V	0%	2%
HGV - artic	28-34 t	Euro VI	0%	1%
HGV - artic	34-40 t	Pre-Euro I	0%	0%
HGV - artic	34-40 t	Euro I	2%	0%
HGV - artic	34-40 t	Euro II	20%	1%
HGV - artic	34-40 t	Euro III	38%	11%
HGV - artic	34-40 t	Euro IV	18%	9%
HGV - artic	34-40 t	Euro V	2%	35%
HGV - artic	34-40 t	Euro VI	0%	24%
HGV - artic	40-50 t	Pre-Euro I	0%	0%
HGV - artic	40-50 t	Euro I	0%	0%
HGV - artic	40-50 t	Euro II	2%	0%
HGV - artic	40-50 t	Euro III	4%	1%
HGV - artic	40-50 t	Euro IV	2%	1%
HGV - artic	40-50 t	Euro V	0%	3%
HGV - artic	40-50 t	Euro VI	0%	2%

National Bus Fleet Assumptions

Engine	Standard	2008	2015
<15t (Single Deck)	Pre-Euro I	1%	0%
<15t (Single Deck)	Euro I	1%	0%
<15t (Single Deck)	Euro II	8%	1%
<15t (Single Deck)	Euro III	14%	5%
<15t (Single Deck)	Euro IV	7%	4%
<15t (Single Deck)	Euro V	1%	13%
<15t (Single Deck)	Euro VI	0%	8%
15-18t (Double Deck)	Pre-Euro I	1%	0%
15-18t (Double Deck)	Euro I	2%	0%
15-18t (Double Deck)	Euro II	17%	3%
15-18t (Double Deck)	Euro III	31%	11%
15-18t (Double Deck)	Euro IV	16%	9%
15-18t (Double Deck)	Euro V	2%	28%
15-18t (Double Deck)	Euro VI	0%	18%

Sheffield Car Fuel Type Splits

	2008	2016
Petrol	73%	55%
Diesel	27%	45%

Sheffield Car Fleet Proportions

	2008	2015
Pre-Euro I	6%	1%
Euro I	14%	1%
Euro II	15%	8%
Euro III	48%	35%
Euro IV	16%	40%
Euro V	0%	15%
Euro VI	0%	1%

Sheffield LGV Fuel Type Splits

	2008	2016
Petrol	10%	2%
Diesel	90%	98%

Sheffield LGV Fleet Proportions

	2008	2015
Pre-Euro I	3%	1%
Euro I	8%	1%
Euro II	15%	5%
Euro III	58%	30%
Euro IV	15%	40%
Euro V	0%	23%
Euro VI	0%	1%

Sheffield OGV Type Splits

Vehicle	2008	2015
Artic HGV	17%	17%
Rigid HGV	83%	83%

Sheffield LGV Fleet Proportions

	2008	2015
Pre-Euro I	0%	0%
Euro I	7%	0%
Euro II	22%	10%
Euro III	61%	38%
Euro IV	10%	30%
Euro V	0%	22%
Euro VI	0%	1%

Sheffield Bus Fleet Assumptions

Company		First (Sheffield)		First (Rotherham)		Stagecoach		TM Travel		Others	
Engine	Standard	2008	2015	2008	2015	2008	2015	2008	2015	2008	2015
<15t (Single Deck)	Pre-Euro I	5%	0%	23%	0%	0%	0%	0%	0%	0%	0%
<15t (Single Deck)	Euro I	6%	0%	10%	0%	0%	0%	0%	0%	9%	8%
<15t (Single Deck)	Euro II	36%	9%	22%	25%	51%	3%	35%	44%	9%	0%
<15t (Single Deck)	Euro III	18%	24%	15%	2%	37%	9%	48%	32%	59%	64%
<15t (Single Deck)	Euro IV	0%	0%	0%	0%	12%	41%	0%	10%	23%	12%
<15t (Single Deck)	Euro V	0%	14%	0%	14%	0%	5%	0%	7%	0%	8%
<15t (Single Deck)	Euro VI	0%	13%	0%	2%	0%	17%	0%	0%	0%	8%
15-18t (Double Deck)	Pre-Euro I	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
15-18t (Double Deck)	Euro I	4%	0%	0%	0%	0%	0%	17%	7%	0%	0%
15-18t (Double Deck)	Euro II	1%	0%	14%	13%	0%	0%	0%	0%	0%	0%
15-18t (Double Deck)	Euro III	19%	27%	3%	13%	0%	8%	0%	0%	0%	0%
15-18t (Double Deck)	Euro IV	10%	11%	14%	20%	0%	0%	0%	0%	0%	0%
15-18t (Double Deck)	Euro V	0%	0%	0%	0%	0%	17%	0%	0%	0%	0%
15-18t (Double Deck)	Euro VI	0%	0%	0%	12%	0%	0%	0%	0%	0%	0%