

Distribution of Crossrail Benefits

Crossrail Benefits



Crossrail delivers:

- A robust Economic Appraisal approved by DfT (Benefit Cost Ratio = 2)*
- Wider Economic Benefits (WEBs) worth around £15bn

The following maps show how these benefits are distributed in terms of Transport Benefits and Wider Economic Benefits in London and the South East

*Incorporates small London weighting within Value of Time



Part 1: Greater London Transport Benefits

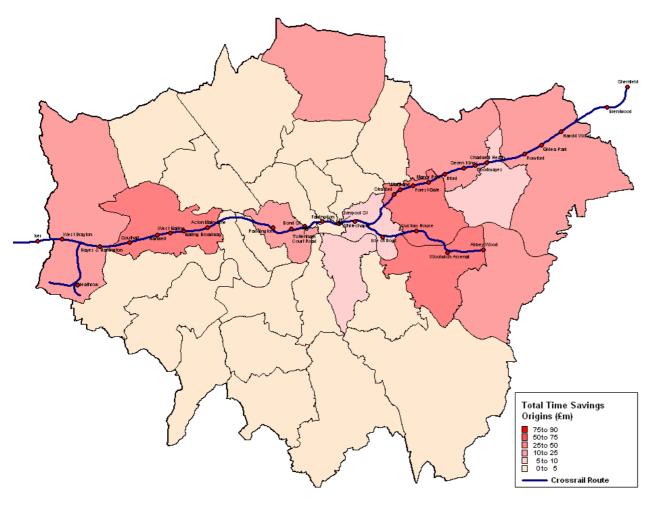


Crossrail delivers Transport Benefits through

- Faster journeys
- Less congested trains & stations
- Reduced need to interchange
- Improved quality

These form the basis of the transport case.

Public Transport Time Savings (Origins) by Borough (£m)

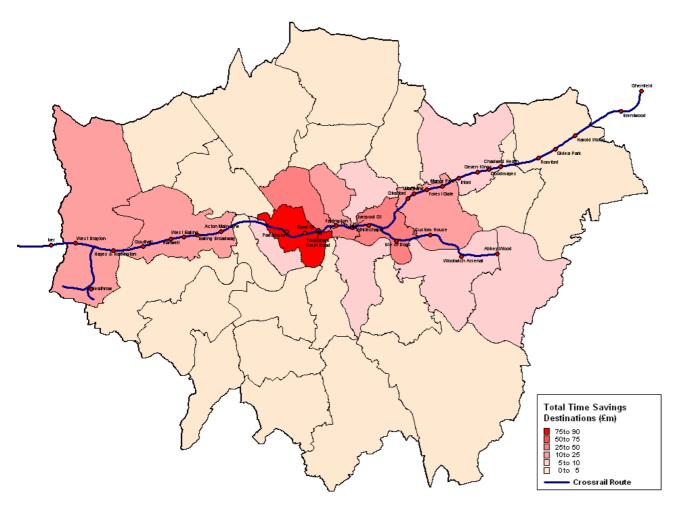


Borough	Origins
	2026 Annual (£m)
Barking and Dagenham	6
Barnet	4
Bexley	13
Brent	4
Bromley	1
Camden	5
City of London	3
Croydon	3
Ealing	30
Enfield	10
Greenwich	42
Hackney	4
Hammersmith and Fulham	2
Haringey	3
Harrow	1
Havering	11
Hillingdon	19
Hounslow	2
Islington	3
Kensington and Chelsea	5
Kingston Upon Thames	2
Lambeth	3
Lewisham	5
Merton	2
Newham	44
Redbridge	17
Richmond upon Thames	1
Southwark	6
Sutton	1
Tower Hamlets	9
Waltham Forest	3
Wandsworth	2
Westminster	20

• The largest time savings measured by origin of Crossrail user are visible in the boroughs situated along the Crossrail corridor, although all will benefit.

• Residents of Newham & Greenwich are the biggest beneficiaries as a result of direct journey opportunities to Central London removing the need to interchange.

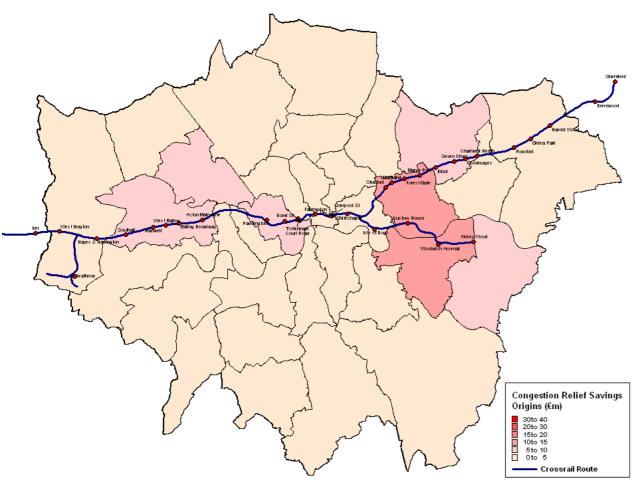
Public Transport Time Savings (Destinations) by Borough (£m)



• As Crossrail enables direct journeys to Central London it is not surprising to see significant time savings to the Boroughs that are major employment areas in London where transport time benefits are measured by destination.

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	Destinations
Borough	2026 Annual
Borougn	2020 Annuar (£m)
Dashina and Dasaahar	
Barking and Dagenham	2 4
Barnet	
Bexley	5
Brent	3
Bromley	×
Camden	32
City of London	33
Croydon	1
Ealing	11
Enfield	1
Greenwich	7
Hackney	8
Hammersmith and Fulham	5
Haringey	2
Harrow	1
Havering	3
Hillingdon	12
Hounslow	2
Islington	21
Kensington and Chelsea	8
Kingston Upon Thames	1
Lambeth	5
Lewisham	2
Merton	1
Newham	11
Redbridge	6
Richmond upon Thames	1
Southwark	9
Sutton	0
Tower Hamlets	34
Waltham Forest	1
Wandsworth	2
Westminster	90

Congestion Relief (Origins) by Borough (£m)



Borough	2026 Annual
_	(£m)
Barking and Dagenham	3
Barnet	2
Bexley	6
Brent	5
Bromley	2
Camden	2
City of London	1
Croydon	1
Ealing	9
Enfield	2
Greenwich	12
Hackney	2
Hammersmith and Fulham	4
Haringey	3
Harrow	2
Havering	2
Hillingdon	4
Hounslow	4
Islington	2
Kensington and Chelsea	4
Kingston Upon Thames	0
Lambeth	2
Lewisham	3
Merton	1
Newham	11
Redbridge	6
Richmond upon Thames	2
Southwark	3
Sutton	0
Tower Hamlets	5
Waltham Forest	4
Wandsworth	2

Origins

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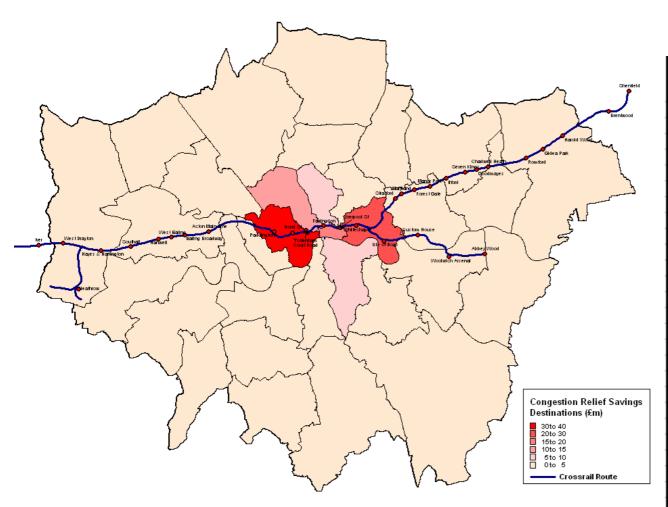
• Residents from most boroughs will experience less crowded trains as a result of Crossrail, making for more pleasant journeys. Greenwich and Newham again see the biggest impact.

• Residents in East London are primarily benefiting from the improved rolling stock Crossrail provides compared to Great Eastern.

• Residents in South East London are benefiting from a direct link into Central London and not having to travel on overcrowded trains through London Bridge

Westminster

Congestion Relief (Destinations) by Borough (£m)

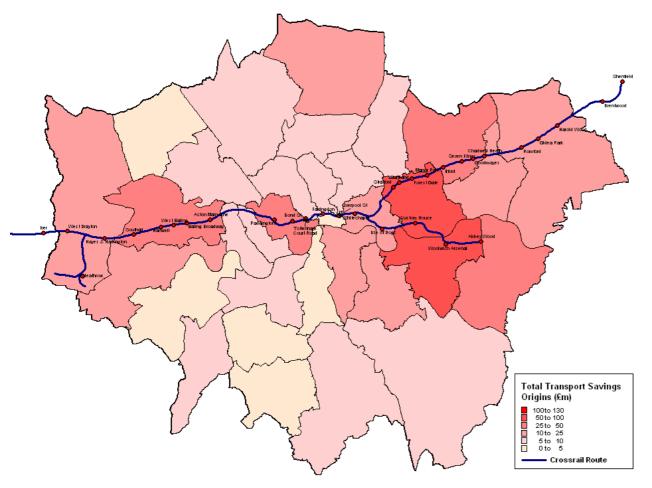


Destinations Borough 2026 Annual (£m) Barking and Dagenham 0 Barnet 1 Bexleu 0 Brent 1 Bromley Û Camden 14 City of London 16 Croydon 1 Ealing 2 Enfield 0 Greenwich 1 Hackney 2 Hammersmith and Fulham 3 Haringey 0 Harrow 1 Havering 0 Hillingdon 1 Hounslow 1 Islington 6 Kensington and Chelsea 5 Kingston Upon Thames 0 Lambeth 3 Lewisham 1 Merton. 0 Newham. 1 Redbridge 0 **Richmond upon Thames** 0 7 Southwark Sutton 0 Tower Hamlets 29 0 Waltham Forest Wandsworth 1 Westminster 38

• Not surprisingly the bulk of the congestion relief savings are found in central London Boroughs (the principal destinations), where significant extra capacity is provided by Crossrail, including to the Isle of Dogs.

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Total Transport Benefits (Origins) by Borough (£m)



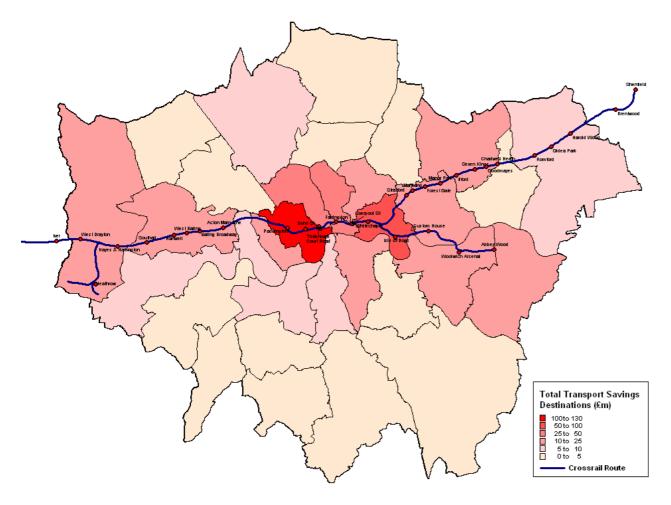
Borough	Origins Annual (£m)
Barking and Dagenham	11.3
Barnet	6.9
Bexley	26.8
Brent	8.0
Bromley	5.1
Camden	8.1
City of London	3.6
Croydon	5.1
Ealing	41.4
Enfield	13.2
Greenwich	63.1
Hackney	8.4
Hammersmith and Fulham	7.1
Haringey	6.2
Harrow	3.0
Havering	16.0
Hillingdon	24.7
Hounslow	10.8
Islington	5.1
Kensington and Chelsea	8.2
Kingston Upon Thames	5.0
Lambeth	2.9
Lewisham	10.0
Merton	4.1
Newham	58.7
Redbridge	27.7
Richmond upon Thames	4.5
Southwark	10.8
Sutton	2.6
Tower Hamlets	17.5
Waltham Forest	6.8
Wandsworth	6.6
Westminster	27.8

• Residents of all boroughs will benefit from Crossrail, even if not directly themselves as a result of others switching to Crossrail and relieving congestion on their journey.

•Time savings are the biggest proportion of the total transport Benefits that would be realised through Crossrail.

• Crossrail leads to a small decrease in highway vehicles across London, time savings to remaining road users are included within the Total Transport Benefits.

Total Transport Benefits (Destinations) by Borough (£m)



	Du stie stie se
Research	Destinations
Borough	Annual
	(£m)
Barking and Dagenham	4.9
Barnet	5.9
Bexley	13.7
Brent	2.1
Bromley	2.9
Camden	47.0
City of London	48.5
Croydon	3.5
Ealing	15.4
Enfield	1.9
Greenwich	17.7
Hackney	11.6
Hammersmith and Fulham	9.1
Haringey	2.1
Harrow	1.7
Havering	7.3
Hillingdon	15.0
Hounslow	6.8
Islington	26.8
Kensington and Chelsea	11.9
Kingston Upon Thames	3.1
Lambeth	6.5
Lewisham	4.9
Merton	2.6
Newham	16.9
Redbridge	10.1
Richmond upon Thames	3.0
Southwark	17.7
Sutton	1.8
Tower Hamlets	66.2
Waltham Forest	2.0
Wandsworth	5.2
Westminster	128.2

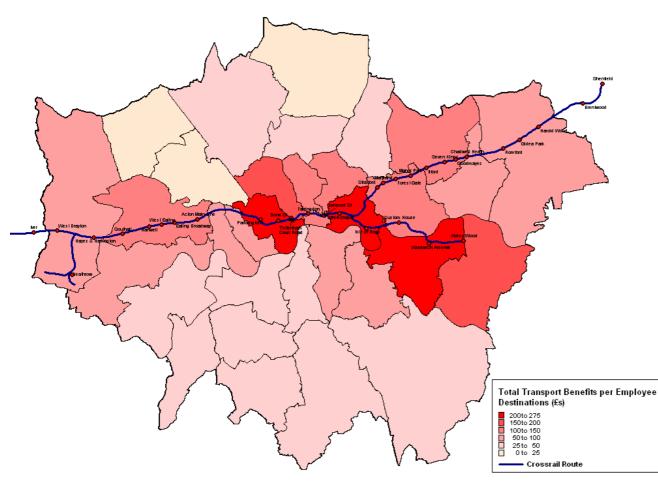
• The three major employment centres in London (City, Westminster and Tower Hamlets) will see significant benefits as a result of Crossrail, as accessibility will increase making them more attractive destinations for companies to locate.

•Boroughs not on the Crossrail route also experience benefits.

•Crossrail leads to a small decrease in highway vehicles across London, time savings to remaining road users are included within the Total Transport Benefits.

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Transport Benefits per Employee (£s)





Borough	per Employee
	(£s)
Barking and Dagenham	93.7
Barnet	45.0
Bexley	178.7
Brent	18.9
Bromley	27.6
Camden	158.3
City of London	133.5
Croydon	26.6
Ealing	114.4
Enfield	19.3
Greenwich	235.5
Hackney	110.6
Hammersmith and Fulham	64.3
Haringey	26.4
Harrow	21.3
Havering	85.5
Hillingdon	84.0
Hounslow	52.5
Islington	139.4
Kensington and Chelsea	90.8
Kingston Upon Thames	45.4
Lambeth	47.2
Lewisham	57.9
Merton	34.8
Newham	148.1
Redbridge	123.2
Richmond upon Thames	39.8
Southwark	81.8
Sutton	28.1
Tower Hamlets	240.7
Waltham Forest	31.4
Wandsworth	39.5
Westminster	203.3

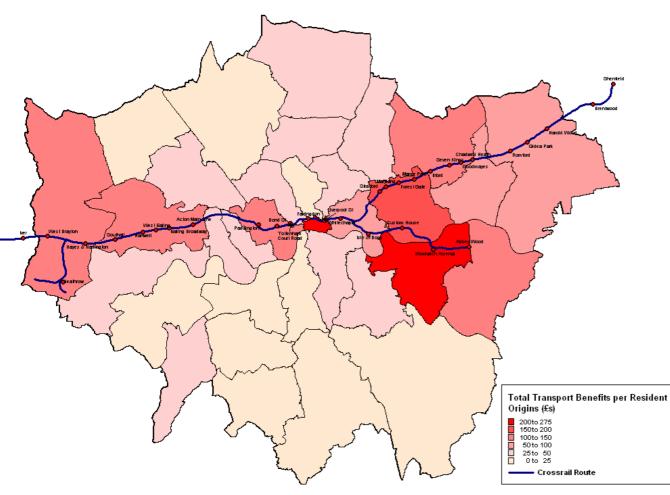
• The above map shows the total destination benefits divided by the number of employees in each borough and indicates the extent to which Crossrail will assist employers through faster/easier commutes for their employees.

• The values above are a slight under-estimate as not all employees will use public transport as their means to get to work, so in reality these values per public transport user would be slighter higher.

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Transport Benefits per Resident (£s)





Borough	per Resident
	(£s)
Barking and Dagenham	52.6
Barnet	19.0
Bexley	123.4
Brent	27.0
Bromley	16.4
Camden	35.7
City of London	259.1
Croydon	15.1
Ealing	127.9
Enfield	46.7
Greenwich	229.6
Hackney	33.2
Hammersmith and Fulham	37.4
Haringey	25.2
Harrow	13.9
Havering	68.4
Hillingdon	100.3
Hounslow	48.0
Islington	23.1
Kensington and Chelsea	45.1
Kingston Upon Thames	31.6
Lambeth	9.4
Lewisham	36.5
Merton	21.2
Newham	177.2
Redbridge	105.2
Richmond upon Thames	24.7
Southwark	34.0
Sutton	14.2
Tower Hamlets	57.6
Waltham Forest	30.0
Wandsworth	22.0
Westminster	117.9

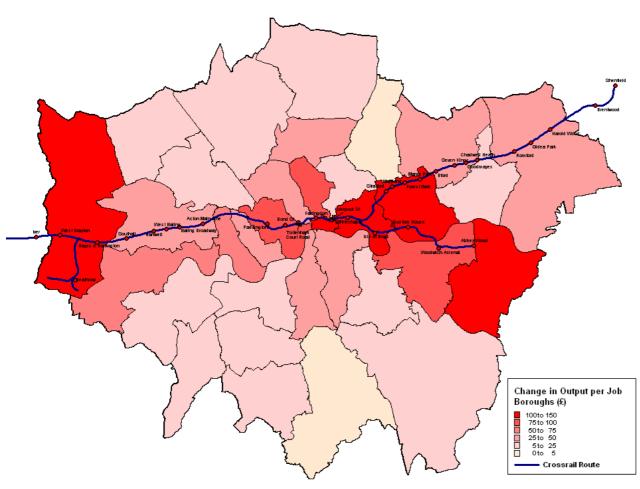
• The above map indicates the extent to which boroughs become more attractive as areas to live in. Benefits are spread to boroughs beyond the Crossrail route.

•It should be noted that the City's large benefit is due to having relatively few residents.



Wider Economic Benefits

Output per Job (£s)





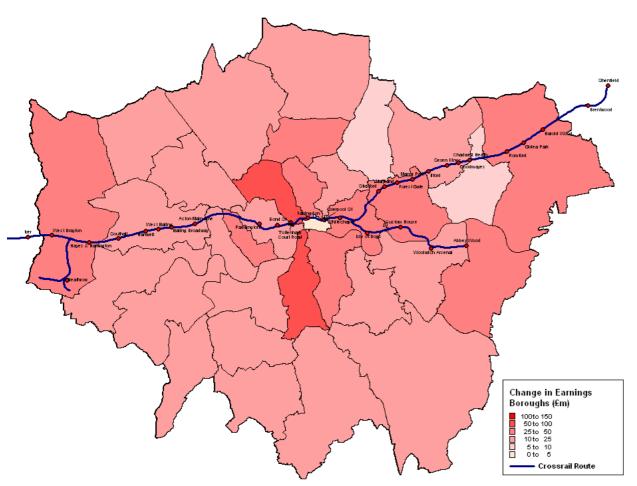
Borough	by Job (£)
Barking and Dagenham	17.47
Barnet	14.61
Bexley	149.29
Brent	13.00
Bromley	5.21
Camden	49.31
City of London	104.15
Croydon	4.65
Ealing	36.22
Enfield	17.17
Greenwich	85.84
Hackney	13.20
Hammersmith and Fulham	59.58
Haringey	32.32
Harrow	8.55
Havering	39.13
Hillingdon	109.27
Hounslow	54.88
Islington	80.70
Kensington and Chelsea	31.20
Kingston Upon Thames	14.78
Lambeth	32.69
Lewisham	17.84
Merton	7.59
Newham	132.85
Redbridge	39.12
Richmond upon Thames	20.50
Southwark	31.01
Sutton	9.50
Tower Hamlets	142.73
Waltham Forest	4.22
Wandsworth	19.49
Westminster	82.01

• The change in output arises from the pure agglomeration effects of Crossrail, which captures the increase in productivity all workers experience from the increase in accessibility resulting from Crossrail.

• Output represents Gross Value Added, the additional value of output generated by organisations, resulting from employees' increased productivity.

•The boroughs which experience the most significant change in accessibility to jobs have the highest change in output per job.

Earnings per Borough (£m)

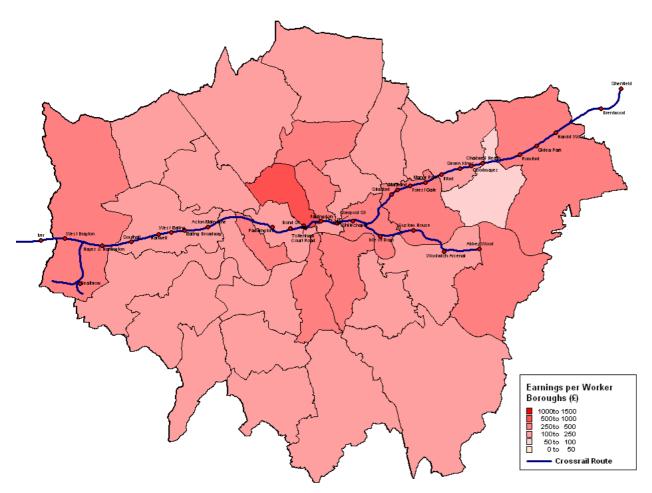


Borough	by Borough (£m)
Barking and Dagenham	5.4
Barnet	23.6
Bexley	31.5
Brent	23.3
Bromley	23.5
Camden	55.9
City of London	1.0
Croydon	24.4
Ealing	15.5
Enfield	14.2
Greenwich	21.3
Hackney	17.7
Hammersmith and Fulham	16.2
Haringey	26.5
Harrow	13.2
Havering	27.3
Hillingdon	33.9
Hounslow	15.8
Islington	35.8
Kensington and Chelsea	27.0
Kingston Upon Thames	13.3
Lambeth	58.0
Lewisham	24.7
Merton	10.2
Newham	41.1
Redbridge	21.2
Richmond upon Thames	16.5
Southwark	47.7
Sutton	11.1
Tower Hamlets	34.3
Waltham Forest	8.5
Wandsworth	19.2
Westminster	19.8

• 90% of output is assumed to filter through to gross wages as earnings. Income Tax, National Insurance and pension contributions have not been deducted.

• Earnings have been distributed according to where employees live, so although the majority of the gain in output occurs in central London, the majority of earnings will be spent locally by employees.

Earnings per Worker (£s)

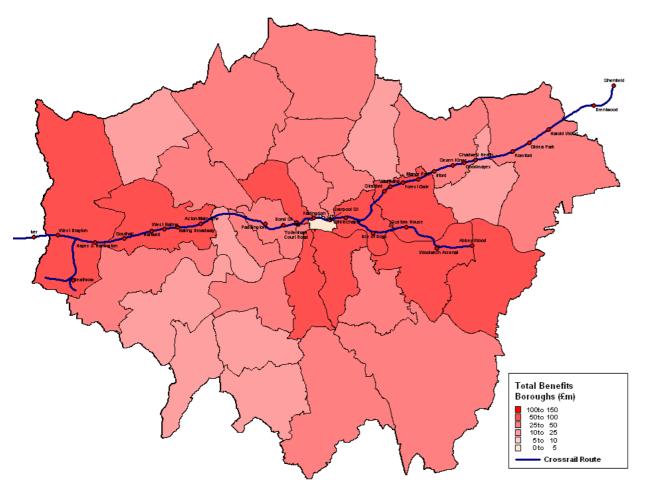


• The above map shows the additional borough earnings divided by the working population within a borough, showing an increase in gross wages for residents, some of which will be spent locally.



Borough	by Job (£)
Barking and Dagenham	73.4
Barnet	173.4
Bexley	358.0
Brent	214.9
Bromley	179.0
Camden	694.2
City of London	173.0
Croydon	174.2
Ealing	131.8
Enfield	147.2
Greenwich	222.0
Hackney	234.9
Hammersmith and Fulham	228.6
Haringey	316.2
Harrow	154.2
Havering	288.4
Hillingdon	386.7
Hounslow	190.8
Islington	432.9
Kensington and Chelsea	448.9
Kingston Upon Thames	202.3
Lambeth	492.9
Lewisham	232.0
Merton	121.0
Newham	425.8
Redbridge	230.6
Richmond upon Thames	216.6
Southwark	421.5
Sutton	134.0
Tower Hamlets	381.1
Waltham Forest	105.7
Wandsworth	147.2
Westminster	249.2

Total Benefits (Transport & Earnings) (£m)



(£m) Barking and Dagenham 16.7 Barnet 30.5 Bexley 58.3 Brent 31.3 Bromley 28.6 Camden. 64.0 City of London 4.7 Croydon 29.5 Ealing 56.9 Enfield 27.5 Greenwich 84.5 Hackneu 26.1 Hammersmith and Fulham 23.3 Haringey 32.6 16.2 Harrow 43.3 Havering Hillingdon 58.5 Hounslow 26.6 Islington 40.9 Kensington and Chelsea 35.2 Kingston Upon Thames 18.3 Lambeth 61.0 Lewisham 34.7 Merton. 14.3 Newham 99.8 Redbridge 48.9 Richmond upon Thames 21.0 Southwark 58.4 Sutton 13.6 **Tower Hamlets** 51.8 15.4 Waltham Forest 25.8 Wandsworth 47.6 Westminster delivering a world-class, affordable railway

Borough

•Total benefits are spread to boroughs not on the Crossrail route and widely to outer London.

• The above maps shows transport benefits and earnings distributed according to where public transport users live, which is why the City receives a low value, due to its small population.

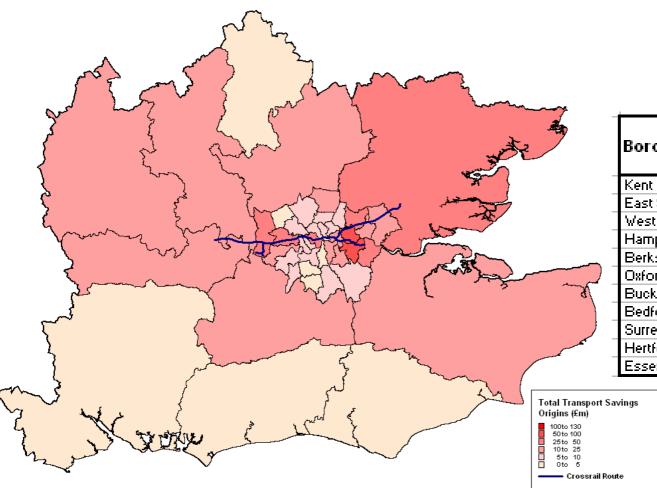


Earnings



Part 2: The South East Transport Benefits

Total Transport Benefits (Origins) (£m)

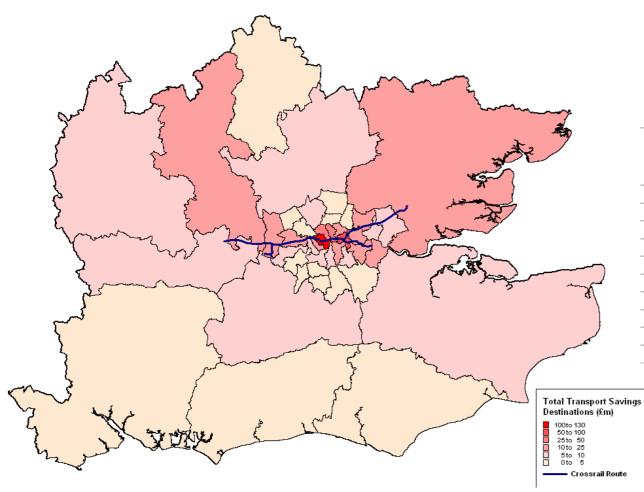


Crossrail

Borough	Origins Annual (£m)
Kent	14.2
East Sussex	0
West Sussex	0.5
Hampshire	1.8
Berkshire	23.1
Oxfordshire	10.3
Buckinghamshire	12.7
Bedfordshire	1.3
Surrey	10.3
Hertfordshire	15.9
Essex	26.2

• Crossrail will provide benefits to those using Crossrail for just part of their journey, so the above map shows that those that benefits from Crossrail will be spread far beyond the limits of the railway.

Total Transport Benefits (Destinations) (£m)





Borough	Destinations Annual (٤m)
Kent	8.7
East Sussex	1.9
West Sussex	0.6
Hampshire	0
Berkshire	8.7
Oxfordshire	5.3
Buckinghamshire	20.0
Bedfordshire	1.4
Surrey	7.2
Hertfordshire	7.2
Essex	9.7

• The above map shows the extent to which commuters travel into Central London for work and the benefits of using Crossrail to travel outside London, indicating the benefits from Crossrail will be felt far and wide across the South East and not just confined to the Greater London Area.