

RS Components

RS Components: Connecting the Capital Data

Methodology:

https://media.rs-online.com/infographics/uk/hyperloopv3/RS_Components_Connecting_the_Capital_Methodology.pdf

Top 25 cities source:

<http://www.centreforcities.org/data-tool/#graph=table&city=show-all&indicator=population\\single\\2016&tableOrder=tableOrder\\1,1>

City	2016 Population	Major Train Station(s) Used	Major Train Station(s) cont.	
Birmingham	2,512,000	Birmingham New Street	Birmingham International	Birmingham Snow Hill
Manchester	2,459,200	Manchester Piccadily	Manchester Airport	Manchester Victoria
Glasgow	992,300	Glasgow Central	Glasgow Queen Street	
Newcastle	850,800	Newcastle		
Sheffield	837,300	Sheffield		
Leeds	781,700	Leeds		
Bristol	731,800	Bristol Parkway	Bristol Temple Meads	
Nottingham	669,400	Nottingham		
Liverpool	632,500	Liverpool Lime Street	Liverpool Central	
Portsmouth	539,200	Portsmouth Harbour		
Bradford	535,300	- No direct route -	Bradford Forster Square	
Edinburgh	507,200	Edinburgh		
Leicester	501,800	Leicester		
Bournemouth	487,800	Bournemouth		
Belfast	480,800	- Not on National Rail as N. Ireland -		
Middlesbrough	471,500	- No direct route -		
Huddersfield	437,000	- No direct route -		
Swansea	386,100	Swansea		
Southampton	383,900	Southampton Central	Southampton Airport	
Stoke	381,700	Stoke-on-Trent		
Preston	366,300	Preston (Lancs)		
Cardiff	361,500	Cardiff Central	Cardiff Queen Street	
Southend	355,200	Southend Central	Southend Victoria	
Coventry	352,900	Coventry		

			Distance from City to London (between stations)		Hyperloop		National Rail Journey Planner		
City	Journey = (Station) to London	Major train Station	As the crow flies (miles)	Driving (miles)	Time taken (hours)	Time taken (mins)	City to London (mins)	Time saved (mins)	How many times faster
Birmingham	Birmingham New Street to London	London Euston	99.8	117.2	0.15	9	83	74	9.2
Manchester	Manchester Piccadilly to London	London Euston	161.2	207.4	0.24	14.4	125	110.6	8.7
Glasgow	Glasgow Central to London	London Euston	343.8	410.8	0.51	30.6	269	238.4	8.8
Newcastle	Newcastle to London	London King's Cross	245.6	281.4	0.37	22.2	171	148.8	7.7
Sheffield	Sheffield to London	London St. Pancras International	139.6	166.1	0.21	12.6	129	116.4	10.2
Leeds	Leeds to London	London King's Cross	167.5	194.7	0.25	15	134	119	8.9
Bristol	Bristol Parkway to London	London Paddington	101.9	115.1	0.15	9	89	80	9.9
Nottingham	Nottingham to London	London St. Pancras International	107	126.1	0.16	9.6	100	90.4	10.4
Liverpool	Liverpool Lime Street to London	London Euston	176.8	218.9	0.26	15.6	135	119.4	8.7

			Distance from City to London (between stations)		Hyperloop		National Rail Journey Planner		
City	Journey = (Station) to London	Major train Station	As the crow flies (miles)	Driving (miles)	Time taken (hours)	Time taken (mins)	City to London (mins)	Time saved (mins)	How many times faster
Portsmouth	Portsmouth Harbour to London	London Waterloo	65.2	75.6	0.10	6	96	90	16.0
Edinburgh	Edinburgh to London	London King's Cross	330.4	402.3	0.49	29.4	260	230.6	8.8
Leciester	Leicester to London	London St. Pancras International	87.1	102.1	0.13	7.8	65	57.2	8.3
Bournemouth	Bournemouth to London	London Waterloo	93.1	108.3	0.14	8.4	110	101.6	13.1
Swansea	Swansea to London	London Paddington	162	186.8	0.24	14.4	181	166.6	12.6
Southampton	Southampton Central to London	London Waterloo	69.8	81.8	0.10	6	79	73	13.2
Stoke	Stoke-on-Trent to London	London Euston	134.1	166.3	0.20	12	88	76	7.3
Preston	Preston (Lancs) to London	London Euston	188.1	228.7	0.28	16.8	132	115.2	7.9
Cardiff	Cardiff Central to London	London Paddington	129.3	151.8	0.19	11.4	124	112.6	10.9
Southend	Southend Central to London	London Fenchurch Street	34.1	39.3	0.05	3	51	48	17.0
Coventry	Coventry to London	London Euston	84.3	95.6	0.13	7.8	62	54.2	7.9