

PLD Zones ¹		Output Change (£millions, 2013 prices) ²		As a proportion of GDP	
Ref	Name	Low	High	Low	High
1	ALLERDALE	10.61	3.13	0.8%	0.2%
2	Aberdeen City, Aberdeenshire & Moray	-220.48	40.33	-1.3%	0.2%
3	BARNSELY	53.34	102.32	1.6%	3.1%
4	BATH & NE SOMERSET	-3.34	-20.20	-0.1%	-0.4%
5	BIRMINGHAM	764.35	1547.80	2.6%	5.3%
6	BLABY	34.11	42.50	0.8%	1.0%
7	BLACKBURN	42.30	33.21	1.4%	1.1%
8	BLACKPOOL	37.28	20.35	1.9%	1.0%
9	BOLTON	89.00	34.31	1.5%	0.6%
10	BOURNEMOUTH	56.27	69.37	1.3%	1.6%
11	BRADFORD	185.66	189.99	1.5%	1.6%
12	BRIDGEND	-10.78	-9.52	-0.5%	-0.4%
13	Bedfordshire North	-15.88	-63.14	-0.3%	-1.3%
14	Berkshire East	318.47	108.50	0.9%	0.3%
15	Berkshire West	89.33	71.13	0.9%	0.7%
16	Borders	-8.92	6.39	-0.5%	0.4%
17	Brighton & Hove	-5.84	-12.84	-0.1%	-0.1%
18	Buckinghamshire	-14.82	-92.95	-0.1%	-0.5%
19	CALDERDALE	87.75	53.15	1.3%	0.8%
20	CARDIFF	-67.95	-70.06	-0.6%	-0.6%
21	CARLISLE	23.92	10.76	1.1%	0.5%
22	CARMARTHENSHIRE	-12.14	-5.23	-0.4%	-0.2%
23	CEREDIGION	5.09	0.53	0.5%	0.1%
24	CHARNWOOD	105.03	173.76	2.5%	4.1%
25	CITY OF BRISTOL	-42.99	-101.27	-0.2%	-0.5%
26	CONGLETON	18.13	26.70	0.8%	1.1%
27	CONWY	1.23	-9.74	0.1%	-0.8%
28	CORBYP	-14.82	-84.39	-0.5%	-2.8%
29	COVENTRY	136.22	255.30	1.5%	2.8%
30	Cambridge City & South	-40.24	-126.89	-0.3%	-1.1%
31	Cambridgeshire East	-14.87	-28.84	-0.8%	-1.5%
32	Cambridgeshire North & West	-24.78	-79.32	-0.3%	-1.1%
33	Cannock & Lichfield	97.94	233.27	2.5%	5.9%
34	Cheltenham & Cotswold	9.03	-2.79	0.2%	0.0%
35	Chester & Ellesmere Port	76.86	-29.12	0.9%	-0.4%
36	City of Edinburgh	328.44	38.47	1.1%	0.1%
37	City of Glasgow	201.24	-76.97	0.9%	-0.3%
38	Cornwall	-19.25	-1.05	-0.2%	0.0%
39	County Durham ECML	35.51	27.60	1.1%	0.9%
40	County Durham East	15.96	22.58	1.0%	1.5%
41	County Durham West	23.17	35.40	1.1%	1.7%
42	Crewe	55.32	77.75	1.2%	1.7%
43	Cumbria South	29.32	-26.69	0.7%	-0.6%
44	DARLINGTON	43.91	32.45	2.0%	1.5%
45	DERBY CITY	97.55	186.46	1.4%	2.6%

46	DONCASTER	42.25	53.20	0.7%	0.9%
47	DUDLEY	83.22	137.69	1.4%	2.3%
48	Denbigh, Flint	33.49	19.26	0.7%	0.4%
49	Derbyshire High Peak	21.54	44.14	1.5%	3.0%
50	Derbyshire North East	96.53	179.23	1.7%	3.2%
51	Derbyshire West	80.30	180.60	1.9%	4.3%
52	Devon	-6.01	-1.43	-0.2%	-0.1%
53	Devon East	-13.45	-9.28	-0.3%	-0.2%
54	Devon North West	-18.54	-4.38	-0.5%	-0.1%
55	Devon South West	-14.01	-2.13	-0.2%	0.0%
56	Dorset	52.46	56.05	0.7%	0.7%
57	Dumfries & Galloway	18.63	33.19	0.9%	1.5%
58	Dundee & Angus	-96.46	-0.72	-1.9%	0.0%
59	EAST NORTHAMPTONSHIRE	-6.99	-28.75	-0.4%	-1.5%
60	EAST RIDING OF YORKSHIRE	39.93	67.92	0.6%	1.1%
61	EAST STAFFORDSHIRE	49.74	105.11	1.7%	3.6%
62	EASTLEIGH	28.85	15.96	0.5%	0.3%
63	EDEN	5.38	-2.60	0.6%	-0.3%
64	EREWASH	65.34	175.43	3.0%	8.1%
65	East Ayrshire	12.53	0.07	0.7%	0.0%
66	East Dunbartonshire	7.23	-2.98	0.7%	-0.3%
67	East Lothian	13.03	7.12	0.9%	0.5%
68	East Renfrewshire	7.37	-1.95	0.7%	-0.2%
69	East Sussex	-15.01	-16.38	-0.1%	-0.1%
70	Essex East	8.47	-29.57	0.1%	-0.2%
71	Essex South	28.91	-151.12	0.1%	-0.4%
72	Exeter	-7.37	-3.94	-0.2%	-0.1%
73	FAREHAM	17.70	11.47	0.4%	0.3%
74	Falkirk	-17.61	-1.29	-0.4%	0.0%
75	Fife	49.40	34.16	0.5%	0.4%
76	GOSPORT	1.96	-0.07	0.2%	0.0%
77	GWYNEDD	4.77	-3.21	0.3%	-0.2%
78	Gatwick & Crawley	11.00	-31.40	0.1%	-0.3%
79	Gloucester, Stroud, Forest of Dean	-34.38	-81.02	-0.4%	-1.0%
80	HALTON	46.78	23.51	1.0%	0.5%
81	HARBOROUGH	11.43	8.54	0.4%	0.3%
82	HARTLEPOOL	14.27	17.61	1.2%	1.5%
83	HAVANT	-0.26	-4.13	0.0%	-0.1%
84	HINCKLEY & BOSWORTH	29.20	43.38	1.0%	1.5%
85	Hampshire East	16.43	8.16	0.6%	0.3%
86	Hampshire New Forest	42.42	46.98	0.9%	1.0%
87	Hampshire North	132.20	55.78	0.7%	0.3%
88	Hampshire Test Valley	28.29	19.75	0.6%	0.5%
89	Hampshire Winchester	30.76	28.80	0.7%	0.6%
90	Heathrow & Hillingdon	326.39	347.68	1.8%	1.9%
91	Herefordshire	-3.54	-12.88	-0.1%	-0.3%
92	Hertfordshire ECML	259.48	710.58	1.1%	3.1%
93	Hertfordshire MML	78.98	126.21	0.7%	1.2%
94	Hertfordshire WCML	134.97	155.62	0.9%	1.1%
95	Highland	329.93	24.51	7.1%	0.5%

96	ISLE OF ANGLESEY	2.56	-1.88	0.3%	-0.2%
97	Isle of Wight	-2.27	-1.35	-0.1%	0.0%
98	KETTERING	-17.25	-50.73	-0.8%	-2.3%
99	KINGSTON UPON HULL	30.38	39.01	0.5%	0.7%
100	KIRKLEES	92.92	182.80	1.2%	2.3%
101	KNOWSLEY	25.02	18.16	0.8%	0.6%
102	Kent Ashford & Shepway	2.73	-19.77	0.0%	-0.3%
103	Kent East	-1.34	-6.52	0.0%	-0.1%
104	Kent West	31.62	-132.71	0.1%	-0.4%
105	LEEDS	562.99	437.24	2.0%	1.5%
106	LEICESTER	89.94	134.04	1.0%	1.5%
107	Lancashire Ribble & Pendle	43.31	26.96	1.3%	0.8%
108	Lancashire South East	67.30	56.50	1.3%	1.1%
109	Lancashire West	116.01	79.87	1.5%	1.1%
110	Lancaster	7.13	-45.51	0.3%	-1.9%
111	Leicestershire North & West	77.54	156.43	1.7%	3.5%
112	Leicestershire South	6.79	1.00	0.6%	0.1%
113	Lincoln City and Coast	62.93	115.85	0.9%	1.6%
114	Lincolnshire South East	-13.42	-32.99	-0.4%	-0.9%
115	Lincolnshire South West	2.29	13.71	0.1%	0.5%
116	Liverpool	114.95	-50.19	1.2%	-0.5%
117	London Central	1520.50	1446.95	0.4%	0.4%
118	London North	69.29	-13.93	0.3%	-0.1%
119	London North East	195.50	100.22	0.7%	0.4%
120	London South / Croydon	41.42	24.63	0.4%	0.2%
121	London South East	142.17	73.04	0.5%	0.3%
122	London South West	134.70	103.10	0.6%	0.4%
123	London West	359.57	439.09	1.1%	1.3%
124	Luton	71.02	109.62	1.0%	1.5%
125	MACCLESFIELD	66.50	41.54	0.9%	0.6%
126	MELTON	13.74	24.37	1.2%	2.1%
127	MID BEDFORDSHIRE	19.38	42.97	0.6%	1.3%
128	MIDDLESBROUGH	35.57	23.69	2.0%	1.3%
129	MONMOUTHSHIRE	-5.34	-8.44	-0.3%	-0.6%
130	Manchester including Metrolink area	833.69	325.71	2.0%	0.8%
131	Midlothian	12.52	5.41	0.8%	0.4%
132	Milton Keynes	179.04	317.24	1.1%	1.9%
133	NEATH PORT TALBOT	-6.15	-5.82	-0.3%	-0.3%
134	NEWPORT	-17.65	-36.42	-0.4%	-0.8%
135	NORTH EAST LINCOLNSHIRE	9.05	3.54	0.2%	0.1%
136	NORTH LINCOLNSHIRE	2.17	-16.49	0.1%	-0.4%
137	NORTH SOMERSET	-11.87	-23.89	-0.2%	-0.4%
138	NORTH WARWICKSHIRE	61.12	127.87	2.4%	5.0%
139	NOTTINGHAM	430.50	797.80	3.5%	6.4%
140	NUNEATON & BEDWORTH	56.92	116.55	1.9%	4.0%
141	Newcastle & Rest of Tyne & Wear	304.03	78.23	1.7%	0.4%
142	Norfolk East	-164.47	-133.34	-0.8%	-0.7%
143	Norfolk West	-55.65	-65.02	-0.9%	-1.1%
144	North Lanarkshire	48.91	13.92	0.6%	0.2%
145	North Yorkshire ECML	26.64	28.70	1.5%	1.6%

146	North Yorkshire East	58.71	63.99	1.6%	1.7%
147	North Yorkshire West	143.66	68.85	1.9%	0.9%
148	Northamptonshire WCML	66.83	79.57	0.5%	0.6%
149	Northumberland North	11.76	9.12	2.3%	1.8%
150	Northumberland South	37.85	36.70	1.8%	1.8%
151	Northumberland West	10.05	3.38	1.5%	0.5%
152	Nottinghamshire Bassetlaw	29.74	54.44	1.1%	2.1%
153	Nottinghamshire Mansfield	43.20	70.78	1.7%	2.8%
154	Nottinghamshire Newark & Sherwood	27.02	49.04	0.8%	1.5%
155	Nottinghamshire South & East	101.36	192.85	2.6%	4.9%
156	Nottinghamshire West	154.72	331.79	2.5%	5.4%
157	OLDHAM	64.28	63.11	1.3%	1.3%
158	Oxford City	47.41	39.14	0.6%	0.5%
159	Oxfordshire North	31.77	-15.80	0.3%	-0.2%
160	Oxfordshire South	70.69	34.30	0.6%	0.3%
161	PEMBROKESHIRE	-9.38	-0.48	-0.6%	0.0%
162	POOLE	25.47	27.58	0.6%	0.6%
163	POWYS	-5.62	-2.77	-0.4%	-0.2%
164	Perth & Kinross	18.83	2.02	0.6%	0.1%
165	Peterborough	-34.08	-65.63	-0.3%	-0.7%
166	Plymouth	-14.15	-2.38	-0.3%	0.0%
167	Portsmouth	-1.14	-4.76	0.0%	-0.1%
168	Preston, Fylde, Wyre	178.77	141.46	1.8%	1.4%
169	REDCAR & CLEVELAND	24.90	37.07	1.5%	2.2%
170	ROCHDALE	65.40	54.44	1.4%	1.2%
171	ROTHERHAM	131.17	272.17	2.3%	4.8%
172	RUTLAND	-0.68	-5.32	-0.1%	-0.7%
173	Reading	120.74	105.62	1.0%	0.9%
174	Renfrewshire	15.15	-1.52	0.4%	0.0%
175	Rugby	35.42	66.65	1.2%	2.3%
176	SANDWELL	129.70	287.68	1.6%	3.7%
177	SEFTON	42.17	-4.19	1.3%	-0.1%
178	SELBY	22.64	41.08	1.2%	2.1%
179	SHEFFIELD	319.57	473.99	2.4%	3.6%
180	SHREWSBURY & ATCHAM	17.13	21.79	1.1%	1.4%
181	SOLIHULL	213.62	475.24	3.0%	6.6%
182	SOUTH BEDFORDSHIRE	20.00	33.35	0.6%	1.1%
183	SOUTH DERBYSHIRE	42.03	112.13	1.8%	4.8%
184	SOUTH GLOUCESTERSHIRE	-17.04	-83.06	-0.1%	-0.6%
185	ST HELENS	39.83	7.77	1.1%	0.2%
186	STAFFORD	26.16	39.03	1.1%	1.6%
187	STOCKPORT	92.91	25.13	1.2%	0.3%
188	STOCKTON-ON-TEES	79.00	76.42	1.7%	1.7%
189	SUNDERLAND	85.30	56.85	1.5%	1.0%
190	SWANSEA	-16.43	-10.57	-0.4%	-0.3%
191	SWINDON	82.82	32.39	0.8%	0.3%
192	Shropshire North	21.46	27.48	1.1%	1.4%
193	Shropshire South	17.00	27.34	1.0%	1.7%
194	Somerset East	30.13	10.30	0.4%	0.1%
195	Somerset West	-5.20	-8.52	-0.1%	-0.2%

196	South Ayrshire	19.34	4.25	0.7%	0.2%
197	South Lanarkshire	736.12	482.57	10.2%	6.7%
198	South Staffordshire	19.40	36.89	1.4%	2.6%
199	South Wales Central	-23.04	-28.37	-0.4%	-0.5%
200	South Wales East	-5.83	-18.16	-0.3%	-0.9%
201	Southampton	69.75	68.33	0.8%	0.8%
202	Stansted & Uttlesford	2.33	-31.34	0.1%	-1.0%
203	Stirling & Clackmannan	13.98	-7.74	0.4%	-0.2%
204	Stoke & Staffordshire North	-9.00	-78.38	-0.1%	-0.9%
205	Suffolk Main	-4.67	-14.90	0.0%	-0.1%
206	Suffolk West	-39.37	-62.82	-0.9%	-1.4%
207	Surrey East	11.27	-30.78	0.1%	-0.2%
208	Surrey North West	236.72	197.21	1.0%	0.9%
209	Surrey South West	10.41	-5.29	0.1%	-0.1%
210	TAMESIDE	58.89	67.00	1.4%	1.6%
211	TAMWORTH	37.27	85.29	2.2%	5.1%
212	TELFORD & THE WREKIN	62.04	101.46	1.2%	2.0%
213	TEWKESBURY	1.46	-28.10	0.0%	-0.7%
214	VALE OF GLAMORGAN	-6.30	-7.07	-0.5%	-0.5%
215	VALE ROYAL	67.22	92.63	1.9%	2.6%
216	WAKEFIELD	75.47	114.28	0.9%	1.4%
217	WALSALL	116.76	253.12	1.9%	4.1%
218	WARRINGTON	104.80	-17.79	1.2%	-0.2%
219	WELLINGBOROUGH	-7.88	-39.53	-0.3%	-1.6%
220	WIGAN	80.86	67.60	1.3%	1.1%
221	WOLVERHAMPTON	64.67	101.08	1.0%	1.6%
222	Warwickshire South	167.49	324.18	1.8%	3.4%
223	West Dumbartonshire	7.95	-1.02	0.6%	-0.1%
224	West Lothian	37.96	37.74	0.4%	0.4%
225	West Sussex Central	-1.22	-12.06	0.0%	-0.3%
226	West Sussex Chichester	-3.75	-4.13	-0.1%	-0.1%
227	West Sussex Coast	-9.63	-10.86	-0.1%	-0.1%
228	West Sussex Horsham	-3.83	-14.38	-0.1%	-0.4%
229	West of Glasgow	17.26	5.75	0.3%	0.1%
230	Wiltshire North	27.14	-8.19	0.6%	-0.2%
231	Wiltshire South	11.24	-19.42	0.1%	-0.2%
232	Wirral	37.62	4.22	1.0%	0.1%
233	Worcestershire	214.07	375.23	1.8%	3.2%
234	Wrexham	17.91	19.66	0.8%	0.9%
235	YORK	109.37	116.00	2.0%	2.1%

¹The analysis uses data from HS2 Ltd's assessment of the direct transport impacts of the scheme as reflected in the PLANET Long Distance (PLD) Model, which considers rail and car travel between 235 different geographic zones. A map of these zones is provided in a separate sheet 'Map of PLD Zones'.

²Estimated change in output is measured in terms of the potential impact of investment in HS2 on annual economic output for each zone. Estimates are presented in 2013 prices for a forecast year of 2037 (undiscounted). The 'low'/'high' scenarios reflect different estimates of buyers' sensitivity

to purchase costs and transport costs: a 'high' business location scenario implies that buyers are more sensitive to purchase costs and transport costs, and a 'low' scenario implies that they are less sensitive.