



Department
for Transport

Distributional Impacts: Severance

TAG Reference

TAG Unit A4.2 - Distributional Impacts

Version Control

Date	Description
Jan-14	Definitive release
17/10/2013	Release of restructured guidance

Contact

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Distributional Impacts: Severance

	All social groups			No-car households			Young people			Older people			People with disabilities		
	Change in severance [A]	No of people affected [B]	Overall effect [A]*[B]	[A]	[B]	[A]*[B]	[A]	[B]	[A]*[B]	[A]	[B]	[A]*[B]	[A]	[B]	[A]*[B]
Location a	Neutral (0)	4308	0	0	429	0	0	833	0	0	234	0	0	114	0
Location b	Neutral (0)	5138	0	0	987	0	0	799	0	0	316	0	0	124	0
Location c	Neutral (0)	3181	0	0	715	0	0	289	0	0	145	0	0	86	0
Location d	Neutral (0)	1222	0	0	261	0	0	86	0	0	29	0	0	33	0

Reference Source(s):

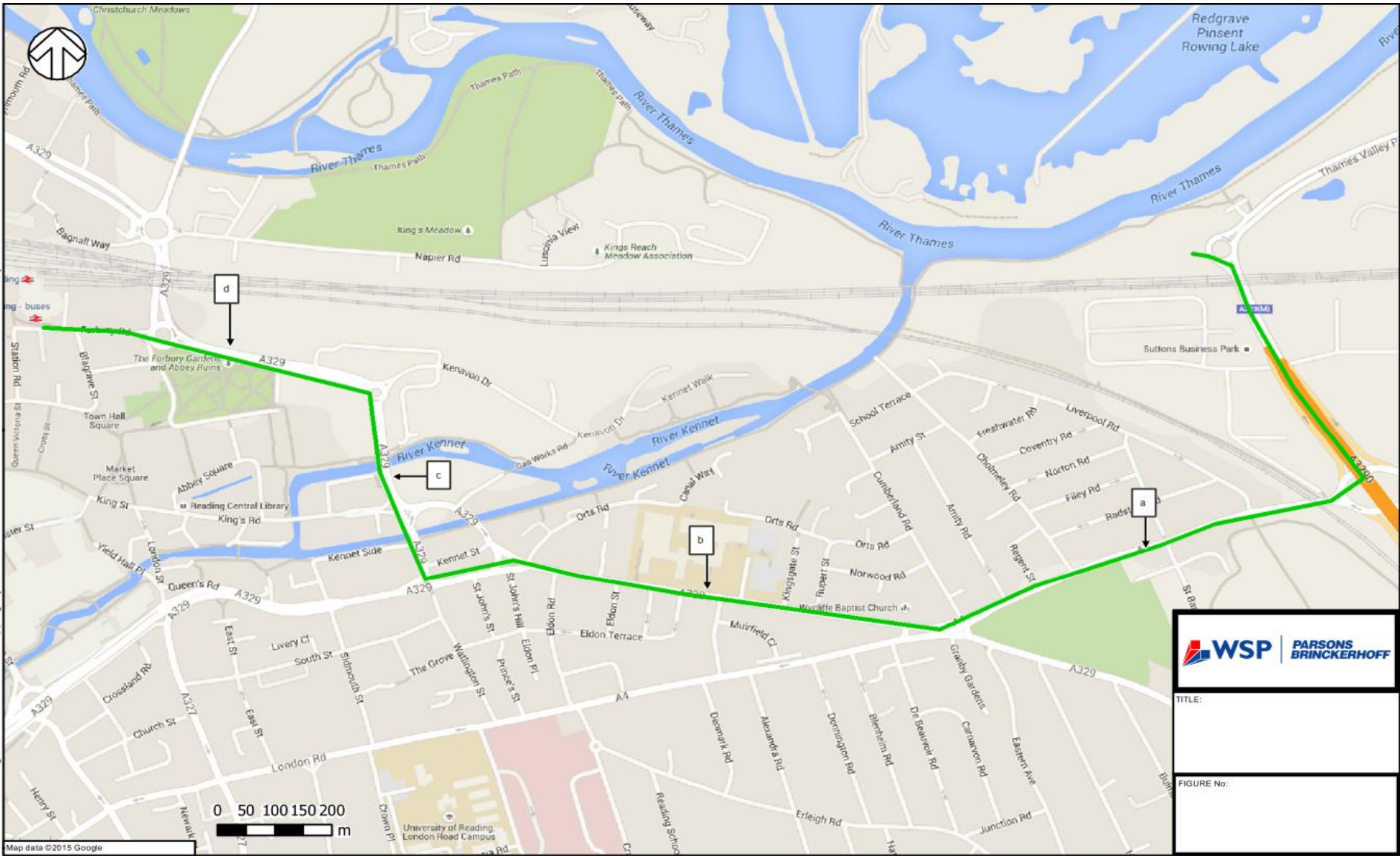
Reading Borough and Wokingham Borough Address Point Data, Google Maps, Census 2011 Data on Household Car Ownership, Age, Population Size and Disability Allowance Claimants.

Assessment Score:

All social groups' overall (net) score is 0 = Neutral impact
 No car households is 0 = Neutral impact
 Young people is 0 = Neutral impact
 Older people is 0 = Neutral impact
 People with disabilities is 0 = Neutral impact

Qualitative Comments:

There is currently a slight/moderate level of severance on the A329/A4 corridor, caused by high volumes of traffic and road layout. There are a number of signalised pedestrian crossings along the length of the road, particularly between Watlington Street and the A329(M)/A4 roundabout. While no additional pedestrian crossings will be provided as part of the proposals, there will be a very slight reduction in traffic volumes as a result of improved accessibility by public transport. However, the reduction is not considered large enough to say that there will be a slight benefit to severance and as such the change in severance is considered neutral.



TITLE:

FIGURE No:

Map data ©2015 Google

Location a

OA	LSOA	LA	HH affected	Average HH size	Population affected	% under 16	No. under 16	% over 65	No. over 65	% no car HH	No. no car HH	% disability claimant	No. disability claimant
E00082851	E01016401	Reading	43	2.03	87	12.54%	11	13.43%	12	36.97%	16	2.24%	2
E00082853	E01016406	Reading	132	3.40	449	15.49%	70	6.83%	31	32.56%	43	1.95%	9
E00082854	E01016401	Reading	34	2.70	92	16.98%	16	7.41%	7	17.50%	6	2.24%	2
E00082855	E01016406	Reading	51	2.51	128	11.11%	14	6.17%	8	20.93%	11	1.95%	2
E00082856	E01016401	Reading	21	3.00	63	14.97%	9	10.66%	7	23.13%	5	2.24%	1
E00082867	E01016404	Reading	82	2.92	240	25.43%	61	3.67%	9	31.43%	26	2.93%	7
E00082869	E01016405	Reading	110	2.68	295	19.86%	59	5.92%	17	36.45%	40	2.89%	9
E00082870	E01016405	Reading	137	3.81	522	21.84%	114	4.41%	23	27.48%	38	2.89%	15
E00082871	E01016405	Reading	125	3.17	396	25.16%	100	4.90%	19	30.41%	38	2.89%	11
E00082872	E01016405	Reading	136	2.58	350	20.59%	72	5.00%	18	25.00%	34	2.89%	10
E00082873	E01016404	Reading	15	2.61	39	21.74%	9	6.38%	3	31.82%	5	2.93%	1
E00082874	E01016405	Reading	138	3.67	506	19.42%	98	2.69%	14	34.09%	47	2.89%	15
E00082875	E01016406	Reading	121	3.84	465	15.01%	70	4.64%	22	31.36%	38	1.95%	9
E00082876	E01016404	Reading	123	2.50	308	18.39%	57	4.89%	15	30.22%	37	2.93%	9
E00082917	E01016416	Reading	19	2.29	43	17.68%	8	2.89%	1	30.88%	6	1.83%	1
E00082920	E01016417	Reading	23	2.71	62	14.23%	9	2.31%	1	37.50%	9	1.81%	1
E00083877	E01016613	Wokingham	40	3.12	125	21.88%	27	9.64%	12	16.26%	7	4.32%	5
E00083886	E01016613	Wokingham	4	2.76	11	24.05%	3	11.89%	1	13.43%	1	4.32%	0
E00174525	E01016404	Reading	53	2.39	126	22.54%	29	12.38%	16	46.21%	24	2.93%	4
		Total			4308		833		234		429		114

Location b

OA	LSOA	LA	HH affected	Average HH size	Population affected	% under 16	No. under 16	% over 65	No. over 65	% no car HH	No. no car HH	% disability claimant	No. disability claimant
E00082593	E01033417	Reading	81	1.88	153	5.74%	9	5.74%	9	35.14%	28	2.69%	4
E00082598	E01033417	Reading	31	2.35	73	10.00%	7	6.67%	5	39.13%	12	2.69%	2
E00082610	E01033421	Reading	178	2.28	406	22.38%	91	5.35%	22	47.78%	85	2.69%	11
E00082614	E01033421	Reading	209	2.01	420	21.47%	90	10.47%	44	51.58%	108	2.69%	11
E00082616	E01033421	Reading	219	1.75	383	10.48%	40	12.18%	47	51.98%	114	2.69%	10
E00082617	E01033421	Reading	190	2.42	460	22.02%	101	6.52%	30	46.74%	89	2.69%	12
E00082868	E01016404	Reading	50	2.65	132	16.22%	21	3.83%	5	31.25%	16	2.93%	4
E00082873	E01016404	Reading	72	2.61	188	21.74%	41	6.38%	12	31.82%	23	2.93%	6
E00082908	E01016414	Reading	157	2.31	362	13.92%	50	3.88%	14	29.85%	47	2.10%	8
E00082915	E01016414	Reading	145	2.11	306	16.30%	50	5.19%	16	35.94%	52	2.10%	6
E00082916	E01016416	Reading	180	1.83	329	9.55%	31	1.01%	3	57.80%	104	1.83%	6
E00082917	E01016416	Reading	55	2.29	126	17.68%	22	2.89%	4	30.88%	17	1.83%	2
E00082918	E01016416	Reading	90	3.02	272	6.77%	18	4.95%	13	38.58%	35	1.83%	5
E00082919	E01016416	Reading	134	1.98	266	8.94%	24	6.91%	18	41.94%	56	1.83%	5
E00082920	E01016417	Reading	5	2.71	14	14.23%	2	2.31%	0	37.50%	2	1.81%	0
E00082921	E01016414	Reading	1	2.55	3	24.92%	1	5.18%	0	42.15%	0	2.10%	0
E00082922	E01016416	Reading	56	3.85	216	6.24%	13	2.21%	5	28.68%	16	1.83%	4
E00082925	E01016414	Reading	128	2.08	266	12.29%	33	7.85%	21	24.82%	32	2.10%	6
E00174489	E01033417	Reading	96	1.66	159	7.73%	12	4.42%	7	41.28%	40	2.69%	4
E00174498	E01033421	Reading	24	1.69	41	7.94%	3	0.00%	0	41.07%	10	2.69%	1
E00174523	E01033417	Reading	7	1.72	12	8.59%	1	1.01%	0	46.09%	3	2.69%	0
E00174525	E01016404	Reading	104	2.39	248	22.54%	56	12.38%	31	46.21%	48	2.93%	7
E00174548	E01016404	Reading	135	2.26	305	26.53%	81	3.40%	10	37.69%	51	2.93%	9
					5138		799		316		987		124

Note: where % disability claimant data not available, have used study area average

Location c

OA	LSOA	LA	HH affected	Average HH size	Population affected	% under 16	No. under 16	% over 65	No. over 65	% no car HH	No. no car HH	% disability claimant	No. disability claimant
E00082593	E01033417	Reading	48	1.88	90	5.74%	5	5.74%	5	35.14%	17	2.69%	2
E00082594	E01033417	Reading	36	1.60	58	6.33%	4	21.94%	13	43.92%	16	2.69%	2
E00082598	E01033417	Reading	120	2.35	282	10.00%	28	6.67%	19	39.13%	47	2.69%	8
E00082614	E01033421	Reading	31	2.01	62	21.47%	13	10.47%	7	51.58%	16	2.69%	2
E00082616	E01033421	Reading	235	1.75	411	10.48%	43	12.18%	50	51.98%	122	2.69%	11
E00082719	E01016378	Reading	75	1.85	138	10.96%	15	4.32%	6	42.33%	32	3.06%	4
E00082915	E01016414	Reading	1	2.11	2	16.30%	0	5.19%	0	35.94%	0	2.10%	0
E00174487	E01033415	Reading	188	3.06	575	5.45%	31	2.72%	16	38.33%	72	2.69%	15
E00174489	E01033417	Reading	96	1.66	159	7.73%	12	4.42%	7	41.28%	40	2.69%	4
E00174494	E01033418	Reading	99	1.81	179	7.98%	14	1.84%	3	55.56%	55	2.69%	5
E00174495	E01033418	Reading	139	1.67	232	7.48%	17	0.47%	1	28.91%	40	2.69%	6
E00174497	E01033420	Reading	143	1.66	237	10.15%	24	1.52%	4	61.34%	88	2.69%	6
E00174498	E01033421	Reading	117	1.69	197	7.94%	16	0.00%	0	41.07%	48	2.69%	5
E00174520	E01033418	Reading	186	1.91	355	13.50%	48	3.68%	13	36.84%	69	2.69%	10
E00174523	E01033417	Reading	118	1.72	203	8.59%	17	1.01%	2	46.09%	54	2.69%	5
					3181		289		145		715		86

Note: where % disability claimant data not available, have used study area average

Location d

OA	LSOA	LA	HH affected	Average HH size	Population affected	% under 16	No. under 16	% over 65	No. over 65	% no car HH	No. no car HH	% disability claimant	No. disability claimant
E00174484	E01033415	Reading	75	1.81	136	9.27%	13	2.42%	3	72.99%	55	2.69%	4
E00174487	E01033415	Reading	250	3.06	765	5.45%	42	2.72%	21	38.33%	96	2.69%	21
E00174492	E01033418	Reading	1	1.97	2	18.06%	0	0.88%	0	31.30%	0	2.69%	0
E00174495	E01033418	Reading	26	1.67	43	7.48%	3	0.47%	0	28.91%	8	2.69%	1
E00174497	E01033420	Reading	167	1.66	276	10.15%	28	1.52%	4	61.34%	102	2.69%	7
					1222		86		29		261		33

Note: where % disability claimant data not available, have used study area average