

**Cambridge + South Cambridgeshire**

	Dwellings	Population	Jobs	Workers	Cambridge commuters		Total distance travelled*	
					Inbound	Outbound	AM peak	PM peak
2015 Baseline	115,607	279,593	179,353	140,293	64,566	50,817	4,148,236	4,648,969
2041 Baseline	159,966	367,593	243,324	186,870	88,022	51,708	5,365,374	6,229,945
2041 Preferred option	173,466	394,430	254,009	201,073	90,516	55,567	5,454,040	6,349,079
Preferred Option Full Build Out <i>With mitigation</i>	190,616	428,452	294,805	219,204	100,038	43,413	5,459,854	6,426,970
2041 Preferred option							5,457,254	6,347,007
Preferred Option Full Build Out							5,460,953	6,420,824

**Growth relative to 2015 Baseline**

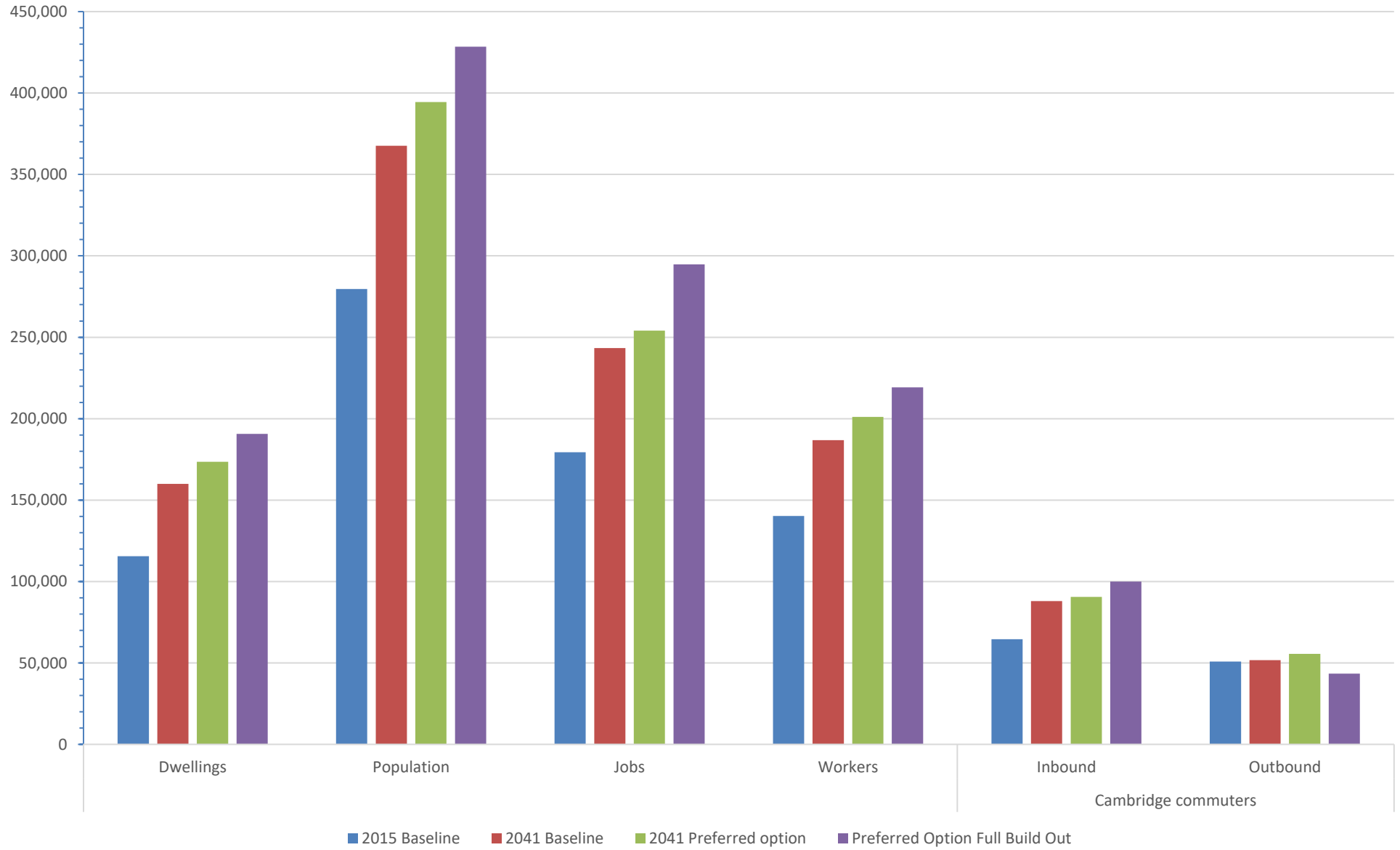
2041 Baseline	38.4%	31.5%	35.7%	33.2%	36.3%	1.8%	29.3%	34.0%
2041 Preferred option	50.0%	41.1%	41.6%	43.3%	40.2%	9.3%	31.5%	36.6%
Preferred Option Full Build Out <i>With mitigation</i>	64.9%	53.2%	64.4%	56.2%	54.9%	-14.6%	31.6%	38.2%
2041 Preferred option							31.6%	36.5%
Preferred Option Full Build Out							31.6%	38.1%

**Incremental additions to 2015 Baseline**

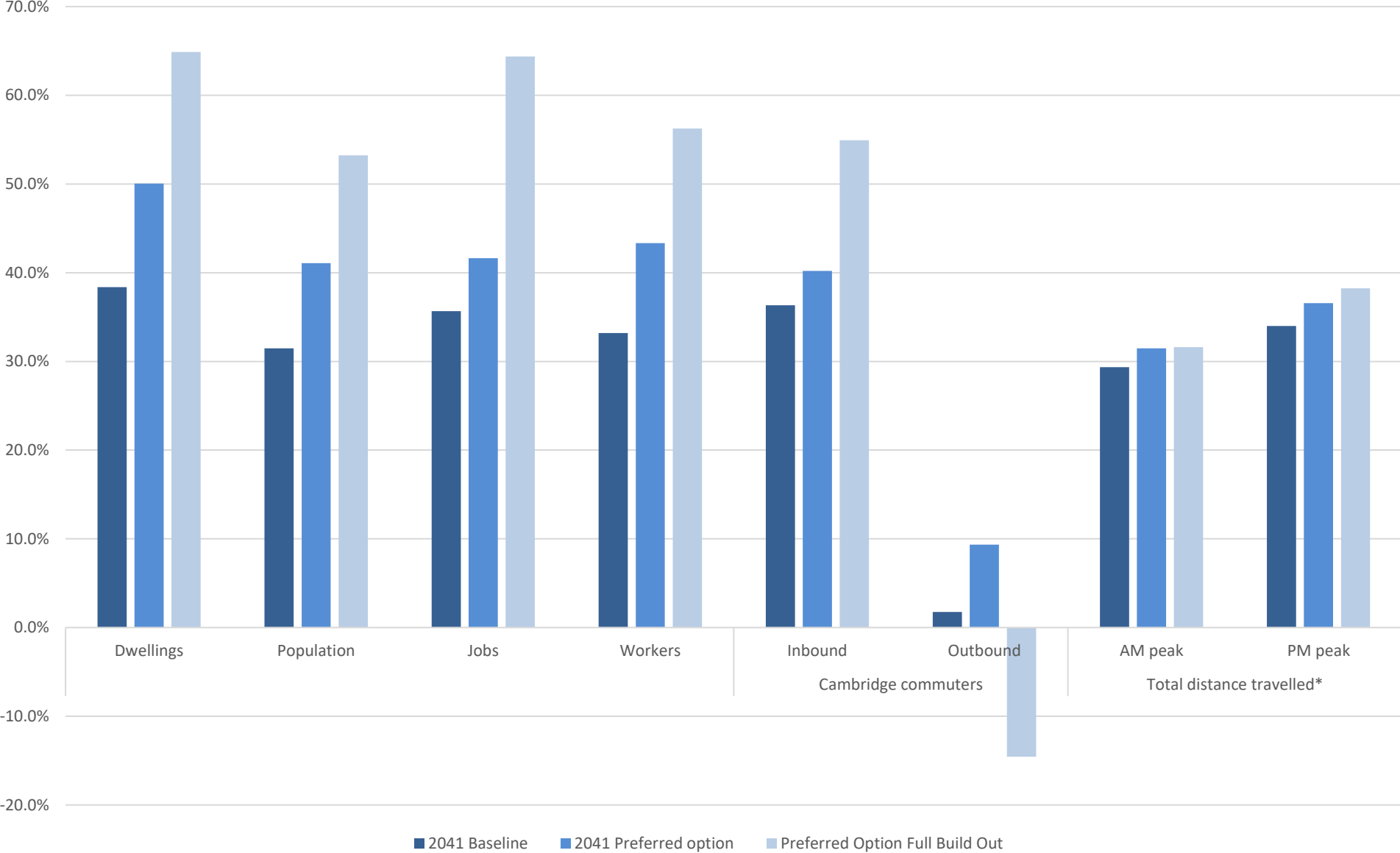
2041 Baseline	44,359	88,000	63,971	46,577	23,456	891	1,217,138	1,580,976
2041 Preferred option	13,500	26,837	10,685	14,203	2,494	3,859	88,666	119,134
Preferred Option Full Build Out <i>With mitigation</i>	17,150	34,022	40,796	18,131	9,522	-12,154	5,814	77,891
2041 Preferred option							91,880	117,062
Preferred Option Full Build Out							3,699	73,817

\*Unit is passenger-car-unit-kilometres, where 1km in a goods vehicle or bus counts as up to 2.5 units

# Growth scenarios in Cambridge and South Cambridgeshire



### Growth relative to 2015 Baseline



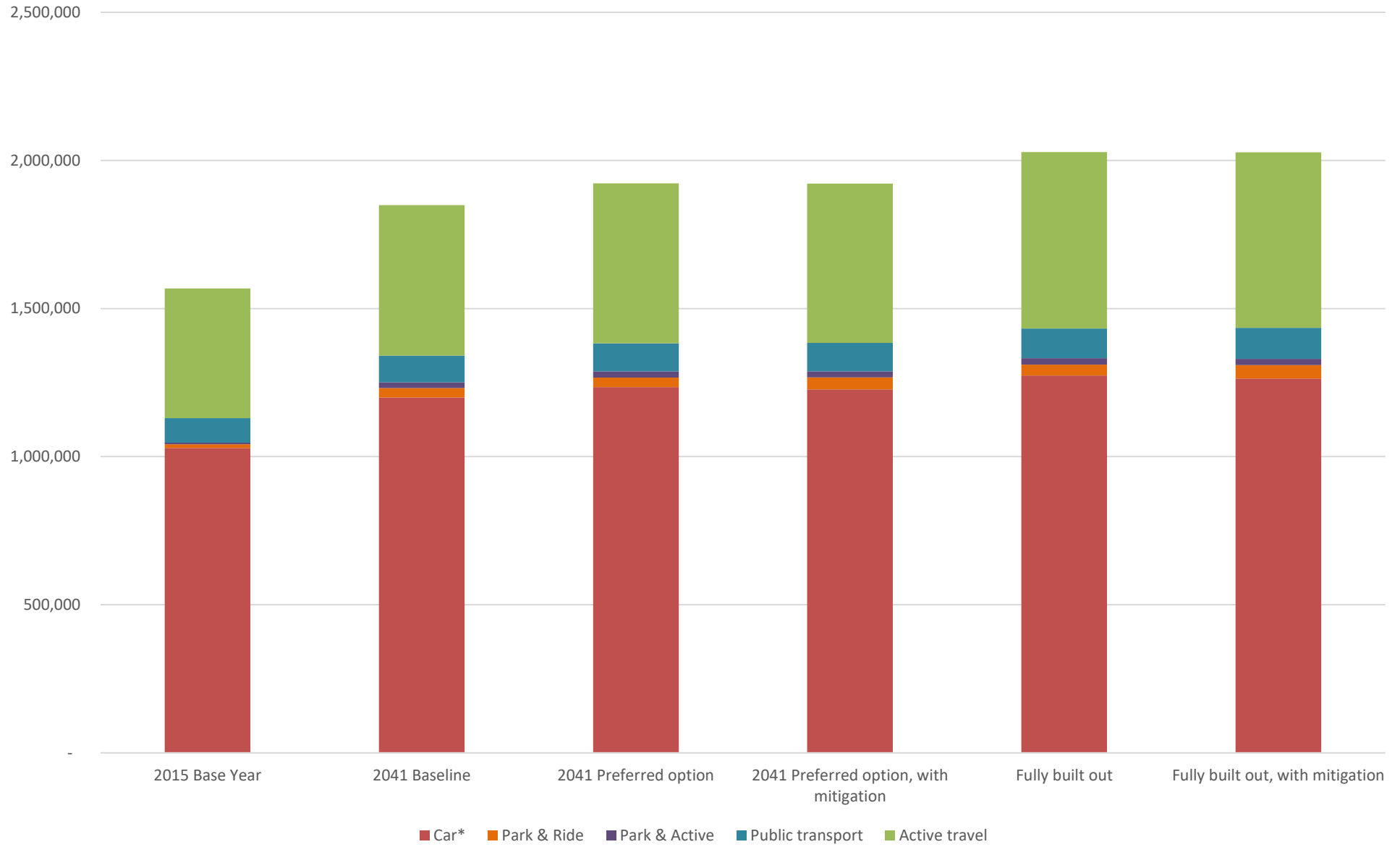
Baseline year / Base case	Weekday trips (one-way)								P&R parking	
	Car*	Park & Ride	Park & Active	Public transport	Active travel	P&R/A	Car plus P&R/A	Total	Required	Actual
2015 Base Year	1,029,274	12,205	5,433	82,908	438,052	17,638	1,046,912	<b>1,567,872</b>	8,819	6,743
2041 Baseline	1,199,292	31,889	19,929	90,031	508,083	51,818	1,251,110	<b>1,849,224</b>	25,909	
2041 Preferred option	1,234,619	32,239	20,687	95,005	539,575	52,926	1,287,545	<b>1,922,125</b>	26,463	
2041 Preferred option, with mitigation	1,226,936	40,742	20,104	96,107	537,908	60,846	1,287,782	<b>1,921,797</b>	30,423	
Fully built out	1,274,118	36,365	22,161	100,032	595,391	58,526	1,332,644	<b>2,028,067</b>	29,263	
Fully built out, with mitigation	1,263,344	45,443	21,328	104,894	592,557	66,771	1,330,115	<b>2,027,566</b>	33,386	

	Mode share by trips							
2015 Base Year	65.6%	0.8%	0.3%	5.3%	27.9%	1.1%	66.8%	100.0%
2041 Baseline	64.9%	1.7%	1.1%	4.9%	27.5%	2.8%	67.7%	100.0%
Preferred option	64.2%	1.7%	1.1%	4.9%	28.1%	2.8%	67.0%	100.0%
2041 Preferred option, with mitigation	63.8%	2.1%	1.0%	5.0%	28.0%	3.2%	67.0%	100.0%
2041 Preferred option, fully built out	62.8%	1.8%	1.1%	4.9%	29.4%	2.9%	65.7%	100.0%
Fully built out, with mitigation	62.3%	2.2%	1.1%	5.2%	29.2%	3.3%	65.6%	100.0%

	Growth in trips								Growth in P&R parking	
2015 Base Year	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	30.8%
2041 Baseline	16.5%	161.3%	266.8%	8.6%	16.0%	193.8%	19.5%	17.9%	193.8%	284.2%
Preferred option	20.0%	164.1%	280.8%	14.6%	23.2%	200.1%	23.0%	22.6%	200.1%	292.5%
2041 Preferred option, with mitigation	19.2%	233.8%	270.0%	15.9%	22.8%	245.0%	23.0%	22.6%	245.0%	351.2%
2041 Preferred option, fully built out	23.8%	198.0%	307.9%	20.7%	35.9%	231.8%	27.3%	29.4%	231.8%	334.0%
Fully built out, with mitigation	22.7%	272.3%	292.6%	26.5%	35.3%	278.6%	27.1%	29.3%	278.6%	395.1%

\*Car = passenger-car units, where goods vehicles and buses count as more than 1 unit

Mode shares in each growth scenario



	Dwellings		Jobs	
2015 Baseline	115,607	115,607	179,353	179,353
2041 Baseline additions	44,359	44,359	63,973	63,973
<i>Preferred Option additions</i>	<b>2041</b>	<b>Full build out</b>	<b>2041</b>	<b>Full build out</b>
<b>Densification of Cambridge</b>				
North East Cambridge	3,900	8,350	1,260	15,000
North West Cambridge	1,000	1,500		
Other Smaller urban sites	200	200		
<b>Edge of Cambridge – non-Green Belt</b>				
Cambridge Airport	2,850	7,000	75	8,325
<b>Edge of Cambridge – Green Belt</b>				
Cambridge Biomedical Campus				8,000
<b>Faster delivery at existing New Settlements</b>				
Northstowe	750	750		
Waterbeach	750	750		
<b>New settlements on public transport corridors</b>				
Extension to Cambourne	1,950	10,000	300	10,000
<b>Southern Cluster</b>				
Babraham Research Campus			270	-560
<b>Dispersal to Villages in Southern Cluster and Rest of Rural Area</b>				
Dispersal to Rural Centres, Minor Rural Centres and Group Villages with very good Public Transport	2,100	2,100		
<b>Rural Employment Locations</b>				
B2 / B8 on A14 corridor (in vicinity of Swavesey junction)			300	750
<b>Total additions to 2041 baseline</b>	<b>13,500</b>	<b>30,650</b>	<b>2,205</b>	<b>41,515</b>
Total additions to 2015 baseline	57,859	75,009	66,178	105,488
Growth from 2015 baseline	50.0%	64.9%	36.9%	58.8%

Baseline test / Strategic Spatial Option test	Weekday trips (one-way)					Total distance travelled†		Additional travel distance†	
	Active	Public transport	Park & Ride	Car*	Total	AM peak	PM peak	AM peak	PM peak
2015 Base Year	400,924	93,649	23,756	1,050,496	<b>1,568,824</b>	4,148,236	4,648,969		
2041 Baseline	541,823	113,035	63,399	1,288,332	<b>2,006,589</b>	5,365,374	6,229,945		
SO1: Densification	609,469	123,129	69,081	1,349,738	<b>2,151,418</b>	5,412,690	6,283,057	47,316	53,112
SO2: Edge – non-Green Belt	600,276	121,864	69,465	1,361,583	<b>2,153,188</b>	5,393,588	6,299,834	28,214	69,889
SO3: Edge – Green Belt	603,557	121,439	65,724	1,362,228	<b>2,152,949</b>	5,431,440	6,303,798	66,066	73,853
SO4: New Settlements	589,543	118,476	68,503	1,377,456	<b>2,153,978</b>	5,433,201	6,316,107	67,827	86,162
SO5: Villages	582,656	119,567	68,030	1,386,035	<b>2,156,287</b>	5,436,174	6,318,959	70,800	89,014
SO6: PT Corridors	593,658	121,732	68,478	1,370,572	<b>2,154,440</b>	5,419,571	6,294,762	54,197	64,817
SO7: Integrating homes+jobs	594,532	121,608	69,613	1,368,004	<b>2,153,756</b>	5,413,823	6,291,619	48,449	61,674
SO8: Expanded growth area	599,396	120,733	69,619	1,364,055	<b>2,153,802</b>	5,425,380	6,310,052	60,006	80,107

	Mode share by trips				
2015 Base Year	25.6%	6.0%	1.5%	67.0%	100.0%
2041 Baseline	27.0%	5.6%	3.2%	64.2%	100.0%
SO1: Densification	28.3%	5.7%	3.2%	62.7%	100.0%
SO2: Edge – non-Green Belt	27.9%	5.7%	3.2%	63.2%	100.0%
SO3: Edge – Green Belt	28.0%	5.6%	3.1%	63.3%	100.0%
SO4: New Settlements	27.4%	5.5%	3.2%	63.9%	100.0%
SO5: Villages	27.0%	5.5%	3.2%	64.3%	100.0%
SO6: PT Corridors	27.6%	5.7%	3.2%	63.6%	100.0%
SO7: Integrating homes+jobs	27.6%	5.6%	3.2%	63.5%	100.0%
SO8: Expanded growth area	27.8%	5.6%	3.2%	63.3%	100.0%