

Swindon Local Transport Plan 2011 – 2026
Diversity Impact Assessment
Review and refresh - May 2015

Introduction

A Diversity Impact Assessment was carried out in 2010 during the preparation of the Local Transport Plan (2011 – 2026). After five years the opportunity is being taken to review and refresh the DIA.

It remains the case that highways and transport is a service area that has an impact on every member of the community. It therefore impacts on every equality group. It has the potential to have significant positive or negative impacts on the equality groups depending upon how the service is designed and configured.

The referenced research on the impact of transport on equality groups remains valid as does the potential for transport to deliver positive outcomes for these groups.

The first DIA in 2010 relied greatly on data from the 2001 census updated with some mid 2010 ONS estimates. We now have access to data from the 2011 census and this is included as Appendix 1 (along with comparison figures from 2001). There remain some significant gaps in data for particular groups.

A summary of the Swindon-wide results is shown below along with comparative data for the 2001 Census. Of all the local authorities in the South West Swindon had the greatest increase in population – 16% between 2001 and 2011.

Table 1 – Total of population, households and cars

	Total population	Total households	Total cars	Average per household
2011	209,156	88,360	107,747	1.22
2001	180,104	75,176	88,255	1.17

Car ownership

Household car ownership is a key statistic as it has a significant impact on the ability of those in the household to access goods, services, employment, education, training, leisure and recreation. There remains a significant number of households without access to a car (table 2).

Table 2 – Cars per household

	Households with no car	1 car in household	2 cars in household	3 cars in household	4+ cars in household	With 2 or more
2011	21.6%	44.2%	27.3%	5.3%	1.6%	34.2%
2001	22.1%	46.1%	25.8%	4.8%	1.2%	31.8%

The dataset in Appendix 2 shows all households by whether there are any cars or vans owned or available to the household, and if so how many. It also includes a total count of cars or vans in the area. The number of cars or vans available for use, by one or more members of a household includes company cars and vans available for private use. The count of cars or vans in an area is based on details for private households only. Cars or vans used by residents of communal establishments are not counted. Car ownership in the other South West areas identified is very similar to Swindon.

Only 22% of households in Swindon have no car available, with almost 35% having two or more cars. Within Swindon there are significant variations at the extremes, with over 40% of households in some areas having no car available (including the Park North & South and Walcot East) compared to only 5% of households in parts of North Swindon (where over 50% have 2 or more cars). Overall, most areas of Swindon have between 40% and 50% of households with 1 car available. As a result there are likely to be significant variations in the transport issues faced by residents in different parts of Swindon and we should therefore avoid using the overall Swindon figure as the basis for decision making because of these wide geographical variations.

Equality Groups

There are also significant variations between areas in terms of the equality groups.

The percentage of the Swindon population over 65 years of age is 13.8% - but this varies from 3.4% in North Swindon (Central) to 22.6% in Old Town and Lawns. For those aged over 75 the Swindon average of 6.5% masks variations from 0.6% in North Swindon (West) to 13.1% in Old Town and Lawns

For those whose “day to day activities are limited by long term illness, health or disability” the Swindon average is 15.4%. The range of variation is from 5.9% in North Swindon (West) to 22.2% in Walcot East.

There are similar significant variations by area for other diversity groups covered by Census data.

Similarly, car ownership for some equality groups varies from the average, with some groups having significant levels of non car ownership. As a result some groups are more reliant on public transport, walking and cycling than the population generally. The different geographic spread of some equality groups is reflected in the different geographic spread of car ownership.

For example – Of people who say their day to day activities are “limited a lot” by ill health 39.25% are in “no car” households compared to 13.11% of those whose activities are not limited. Of people aged over 65 years of age 30.73% are in “no car” households compared to a population average of 16.08%.

Conclusions

It would therefore appear that the significant variation in the geographical spread of equality groups across Swindon means that:

- Some equality groups have significantly lower levels of car ownership than the population generally and will therefore have different transport issues (eg more reliance on public transport, walking and cycling)
- Caution should be used in applying “Swindon-wide” average figures for equality groups on a local basis
- That the concentration of certain groups into distinct parts of Swindon will mean that transport issues unique to those communities (eg non car ownership, reliance on public transport, concern over safety on-street, at night) will be particularly emphasised in those areas
- That transport officers planning and designing services and schemes for local areas should consider the detailed demographic data for those areas to ensure that particular and unique issues for any equality groups strongly represented locally are identified at an early stage.
- Locality based decision making over scheme prioritisation may provide an opportunity to address particular equality group issues at a local level.

APPENDIX 1

Swindon population by equality groups

Background

The census in 2011 recorded the population of Swindon and generated a set of data about the local population which helps us to understand the diversity of our population.

This data is much more accurate than previous estimates based on the 2001 census, though it is still argued that it may not truly represent to current population in Swindon. However, this data is the latest snapshot we have and will be used to help understand the diversity of the population we are making decisions within the Council.

Equality Groups

The census does not provide us with information about all protected characteristics set out in the Equality Act 2010. The record of disability uses a different definition asking if people have limited day-to-day activity, rather than if they are disabled by the Act's definition. There is no direct question regarding Sexual Orientation so the Government estimate is used instead. There was no question regarding Transgender/genre identity or Pregnancy/maternity and there are no reliable estimates that we are able to use instead.

Data

The census 2011 summary is set alongside the 2001 census and 2010 estimates for Swindon. The information is presented in a way which matches as closely as possible the data provided in the SBC employee data. Estimated figures have been rounded in accordance with Office for National Statistics policy. Totals may not sum due to rounding.

1. Population by Sex

	Census 2001		Mid 2010 ONS estimate		Census 2011	
Female	90500	50.30%	100900	50.03%	104538	50.0%

Male	89550	49.70%	100800	49.97%	104618	50.0%
Total	180050		201800		209156	

2. Population by Age Group

	Census 2001		Mid 2010 ONS estimate		Census 2011	
Group 0-19	45900	25.48%	49000	24.28%	48268	24.5%
Group 20-29	24000	13.35%	26300	13.03%	27934	13.4%
Group 30-39	31550	17.52%	31000	15.36%	31469	15.4%
Group 40-49	25200	13.98%	32100	15.91%	33240	15.1%
Group 50-59	20650	11.47%	24000	11.88%	25456	12.1%
Group 60-69	15150	8.41%	18900	9.35%	19443	9.3%
Group 70+	17650	9.80%	20500	10.18%	20401	9.8%
Total	180050		201800		209300	

3. Population by Disability (Long Term Limiting Illness)

	2001 Census		Mid 2010 estimate based on 2001 data		Census 2011	
Disabled	27500	15.26%	30800	15.26%	32302	15.4%
Non-disabled	152600	84.74%	171000	84.74%	176854	84.6%
Total	180050		201800		209156	

4. Population by Ethnic Group

	2001 Census		Mid 2010 experimental estimate		Census 2011	
Asian or Asian British	3850	2.13%	8050	3.98%	13365	6.4%
Black or Black British	1250	0.70%	3450	1.71%	2861	1.4%

Mixed	2050	1.14%	3550	1.76%	4226	2.0%
Other Ethnic Groups	1500	0.83%	3050	1.51%	806	0.4%
White Minority Ethnic	6700	3.72%	10750	5.33%	10870	5.2%
White British	164700	91.48%	172950	85.71%	177028	84.6%
Total	180050		201800		209156	

5. Population by Black & Minority Ethnic group (BME) and non-BME

BME is identified as those categories which are not White British

	2001 Census		Mid 2010 experimental estimate		Census 2011	
BME	15350	8.52%	28850	14.29%	32128	15.4%
Non-BME	164700	91.48%	172950	85.71%	177028	84.6%
Total	180050		201800		209156	

6. Population by Religion

	2001 Census		Mid 2010 estimate		Census 2011	
Buddhist	500	0.28%	550	0.28%	1209	0.6%
Christian	126150	70.07%	141350	70.07%	120287	57.5%
Hindu	1000	0.56%	1150	0.56%	2597	1.2%
Jewish	150	0.07%	150	0.07%	151	0.1%
Muslim	1850	1.03%	2100	1.03%	3538	1.7%
Sikh	1000	0.56%	1150	0.56%	1228	0.6%
Other	650	0.36%	750	0.36%	1061	0.5%
No Religion	34450	19.13%	38600	19.13%	64780	31.0%
Declined to Disclose	14300	7.95%	16000	7.95%	14305	6.8%
Total	180050		201800		209156	

7. Population by Sexual Orientation

Using Government Equality Office estimate of 5-7% applied to census or population estimate totals

	2001		2010		2011	
Lesbian, Gay & Bisexual	10800	6%	12100	6%	12540	6%
Heterosexual	169250	94%	189650	94%	196607	94%
Total	180050		201800		209156	

8. Marital Status – population aged over 16

	Census 2011	
Civil Partnership	426	0.25%
Divorced ^	16381	10%
Separated ^^	4910	3%
Married	81617	48%
Single	54391	32%
Widowed	10049	6%
Total	167774	

^Divorced or formerly in a civil partnership which is now legally dissolved.

^^Separated but still legally married or in a civil partnership

Household Car Ownership

Location	All people	All HHs	No car HH %	1 car in HH %	2 cars in HH %	3 cars in HH %	4+ cars in HH %	Total cars in area	Average cars/HH
TOTAL									
Swindon	209,156	88,360	19,060 21.6%	39,031 44.2%	24,098 27.3%	4,722 5.3%	1,449 1.6%	107,747	1.22
Swindon MSOAs									
Blunsdon, S.Marston & Ridgeway	6,686	2,536	162 6.4%	799 31.5%	1,096 43.2%	329 13.0%	150 5.9%	4,643	1.83
Dorcan & Eldene	8,684	3,615	717 19.8%	1,638 45.3%	968 26.8%	214 5.9%	78 2.2%	4,545	1.26
Gorse Hill	6,450	2,872	970 33.8%	1,318 45.9%	493 17.2%	79 2.8%	12 0.4%	2,594	0.90
Grange Park	5,661	2,300	273 11.9%	1,027 44.7%	758 33.0%	185 8.0%	57 2.5%	3,339	1.45
Haydon Wick & Greenmeadow	6,993	3,068	489 15.9%	1,362 44.4%	968 31.6%	186 6.1%	63 2.1%	4,129	1.35
Highworth	8,259	3,607	570 15.8%	1,502 41.6%	1,164 32.3%	284 7.9%	87 2.4%	5,065	1.40
Lower Stratton	10,274	4,321	706 16.3%	1,901 44.0%	1,319 30.5%	306 7.1%	89 2.1%	5,836	1.35
Moredon	6,515	2,775	808 29.1%	1,160 41.8%	650 23.4%	122 4.4%	35 1.3%	2,984	1.08
Nine Elms & Peatmoor	6,306	2,525	246 9.7%	1,114 44.1%	913 36.2%	191 7.6%	61 2.4%	3,783	1.50
North Swindon (cen)	6,789	2,892	278 9.6%	1,422 49.2%	1,056 36.5%	114 3.9%	22 0.8%	3,974	1.37
North Swindon (east)	9,028	3,437	190 5.5%	1,397 40.6%	1,556 45.3%	231 6.7%	63 1.8%	5,471	1.59
North Swindon (west)	9,257	3,551	193 5.4%	1,443 40.6%	1,653 46.6%	219 6.2%	43 1.2%	5,592	1.57
Nythe & Covingham	8,742	3,814	514 13.5%	1,822 47.8%	1,152 30.2%	253 6.6%	73 1.9%	5,195	1.36
Old Town & Lawn	7,302	3,349	593 17.7%	1,539 46.0%	985 29.4%	170 5.1%	62 1.9%	4,300	1.28
Old Town & Okus	8,145	3,522	501 14.2%	1,753 49.8%	1,029 29.2%	186 5.3%	53 1.5%	4,596	1.30
Old Town, Kingshill & Swindon Centre	7,273	3,548	1,227 34.6%	1,716 48.4%	524 14.8%	62 1.7%	19 0.5%	3,046	0.86
Park North & South	8,514	3,445	1,324 38.4%	1,501 43.6%	493 14.3%	105 3.0%	22 0.6%	2,895	0.84
Penhill	6,328	2,745	1,262 46.0%	1,063 38.7%	344 12.5%	65 2.4%	11 0.4%	1,994	0.73
Rodbourn & Even Swindon	9,672	4,306	974 22.6%	2,136 49.6%	995 23.1%	150 3.5%	51 1.2%	4,813	1.12
Rodbourn Cheney & Pinehurst	6,575	2,596	816 31.4%	1,100 42.4%	532 20.5%	113 4.4%	35 1.3%	2,650	1.02
Swindon Centre (north)	8,352	3,345	1,598 47.8%	1,377 41.2%	316 9.4%	41 1.2%	13 0.4%	2,193	0.66
Toothill & Freshbrook	8,859	3,838	1,011 26.3%	1,734 45.2%	850 22.1%	191 5.0%	52 1.4%	4,235	1.10
Upper Stratton	9,095	3,911	734 18.8%	1,797 45.9%	1,080 27.6%	235 6.0%	65 1.7%	4,959	1.27
Walcot East	6,339	2,789	1,280 45.9%	1,127 40.4%	312 11.2%	59 2.1%	11 0.4%	1,975	0.71
Walcot West	6,590	2,698	656 24.3%	1,258 46.6%	633 23.5%	115 4.3%	36 1.3%	3,025	1.12
Westlea & Shaw	5,956	2,552	368 14.4%	1,172 45.9%	778 30.5%	169 6.6%	65 2.5%	3,515	1.38
Wroughton and Chiseldon	10,512	4,403	600 13.6%	1,853 42.1%	1,481 33.6%	348 7.9%	121 2.7%	6,401	1.45
Selected other areas									
Bath and North East Somerset	176,016	73,515	16,158 22.0%	31,073 42.3%	19,957 27.1%	4,511 6.1%	1,816 2.5%	92,628	1.26
Bournemouth	183,491	82,374	21,333 25.9%	36,807 44.7%	18,763 22.8%	3,961 4.8%	1,510 1.8%	92,927	1.13
Bristol City	428,234	182,747	52,814 28.9%	82,483 45.1%	37,858 20.7%	7,172 3.9%	2,420 1.3%	190,530	1.04
Cheltenham	115,732	50,929	11,222 22.0%	23,412 46.0%	13,006 25.5%	2,496 4.9%	793 1.6%	60,467	1.19
Chippenham	35,800	14,850	2,612 17.6%	6,573 44.3%	4,499 30.3%	901 6.1%	265 1.8%	19,440	1.31
Christchurch	47,752	21,475	3,843 17.9%	9,924 46.2%	5,929 27.6%	1,354 6.3%	425 2.0%	27,702	1.29
Exeter	117,773	49,242	13,323 27.1%	23,269 47.3%	10,093 20.5%	1,953 4.0%	604 1.2%	52,037	1.06
Gloucester	121,688	50,363	11,372 22.6%	21,873 43.4%	13,534 26.9%	2,712 5.4%	872 1.7%	60,927	1.21
North Somerset	202,566	88,227	15,151 17.2%	36,867 41.8%	27,620 31.3%	6,248 7.1%	2,341 2.7%	121,381	1.38
Plymouth	256,384	109,307	30,438 27.8%	49,904 45.7%	23,251 21.3%	4,425 4.0%	1,289 1.2%	115,466	1.06
Poole	147,645	63,530	11,245 17.7%	28,006 44.1%	18,431 29.0%	4,322 6.8%	1,526 2.4%	84,638	1.33
Salisbury District	118,784	49,332	7,937 16.1%	20,592 41.7%	15,488 31.4%	3,825 7.8%	1,490 3.0%	69,736	1.41
South Gloucestershire	262,767	107,538	14,044 13.1%	45,398 42.2%	36,103 33.6%	8,618 8.0%	3,375 3.1%	158,289	1.47
Taunton Deane	110,187	46,907	8,189 17.5%	21,084 44.9%	13,266 28.3%	3,212 6.8%	1,156 2.5%	62,555	1.33
Torbay	130,959	59,010	15,063 25.5%	26,678 45.2%	13,235 22.4%	2,926 5.0%	1,108 1.9%	66,852	1.13