PLANNING APPLICATION 11/00143/FUL

# **ECONOMIC SUSTAINABILITY ASSESSMENT** FOR THE PROPOSED STORE

PREPARED FOR SAVE COFFERIDGE CLOSE BY EDWARD HUDSON



SAVE COFFERIDGE CLOSE www.savecofferidgeclose.org JULY 2012

This Assessment has been independently reviewed by

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He considers that "the conclusions are probably correct." His review is presented on page 3.

© Edward Hudson, 2012 9 Horsefair Green, Stony Stratford, MK11 1JW The author of this Assessment has some 30 years' international experience in economics. He was for twelve years the executive head of a United Nations regional body responsible for co-ordinating transport policy among European governments. Before recruitment to the international civil service, his background includes an Oxford degree and seven years' post-graduate training in France in multi-modal transport analysis and market research. He lives in Stony Stratford.

The assistance of Angela and Terry Cook in researching the supermarket operational data used in this Assessment is gratefully acknowledged.

## **Executive summary**

- This Assessment looks at whether a food store of the size proposed for Cofferidge Close would be economically sustainable and whether there is sufficient local need for it.
- More precisely, the Assessment seeks to establish:
  - whether the proposal constitutes sustainable economic development as sought by the National Planning Policy Framework (NPPF);
  - whether there is local need for a store of the size proposed, in accordance with the recommendation of Milton Keynes Council's Retail Capacity Update (2011) that each application for further convenience floorspace should now be assessed on the basis of demonstrated local need; and
  - whether, as a major retail development within an existing centre, the proposed store would be of an appropriate scale, as required by Local Plan Policy R1(iii).
- The Assessment's main conclusion is that there is no local need for a store of the size proposed on this site. Demand is inadequate to sustain a store of this size because:
  - the demographics of the catchment area are too weak;
  - the competition from nearby rival supermarkets is too strong; and
  - for motorists, access to the site is too slow and awkward.
- More specifically, such a store's market share would be limited:
  - in the urbanised area east of Stony Stratford and even within the town itself by the approved enlargement of the already-dominant Tesco store at Wolverton;
  - to the south-east by the building of the Western Expansion Area supermarket, whose approved convenience-goods size has recently been doubled; and
  - in the sparsely populated rural hinterland north, west and south of Stony Stratford, by competition from existing Tesco and Waitrose stores at Buckingham and Towcester.
- The Cofferidge Close site itself is handicapped by the fact that it can be accessed by cars only via a series of unclassified streets and junctions in a built-up area. This places it at a permanent competitive disadvantage to rival store sites with rapid access along the Milton Keynes grid-road system. It is further penalised by the fact that —unlike its nearest giant rivals— it cannot offer a petrol filling station.



VIABILITY OF STORE OF PROPOSED SIZE IN 2016 WITH A FIRST-TIER OPERATOR •

- If approved and built, such a store would be out of scale with demand to such an extent that it would not be viable. Its turnover would fall at least 37% and possibly as much as 67% short of the benchmark level of the leading food supermarkets.
- The Application fails therefore to present the sustainable development sought by the NPPF. The proposed store does not correspond to a localised need as required by local planning policy, and is out of scale with its catchment area. Its predictable failure would have significant adverse impact on the vitality of a town centre. The Application must accordingly be refused under NPPF paragraphs 12 and 27 and Local Plan Policy R1(iii).
- These conclusions are based on a realistic evaluation by gravity model<sup>1</sup> of the store's foreseeable share of the total "pot" of convenience-goods spending available in its catchment area. The evaluation is firmly based on official population forecasts, real store sizes, real travelling-times by car and by bus and the latest professional convenience-goods spending forecasts for the catchment area. The car-owning and non-car-owning segments of the market have been analysed separately, and the results aggregated. Viability has been assessed using the latest real industry benchmarks.
- On the other hand, using the same model to simulate the consequences of leaving the Cofferidge Close store unchanged shows that it would then decline appreciably under pressure of increased competition from the enlarged Tesco Wolverton and the planned Western Expansion Area supermarket.
- Further simulations with the model suggest that a modest expansion of the existing store by some 20% or 30% offers prospects of long-term viability. This would be a proportionate response to increased competition from nearby giant rivals, helping to ensure the store's future and also to retain trade in Stony Stratford for the town's other businesses.
- This would be far preferable to the hazardous disproportionate increase in the store's size sought by the present application. The store's predictable failure would leave Stony Stratford with a "white elephant" in the heart of its Conservation Area and without any mainstream food retailer. This would inflict irreparable damage on the town, its residents and its businesses.

The gravity model "provides a rational means of assessing how a given scale and quality of development is likely to alter current shopping patterns and hence impact on existing baseline turnovers." (DCLG, *Planning for Town Centres — Practice Guidance on Need, Impact and the Sequential Approach*, 2009, para. D.25). Its concept is derived from Reilly's Law of Retail Gravitation (1931), one of the foundations of modern spatial economic analysis.

### Independent Review by Dr David Rogers of the Saïd Business School at the University of Oxford



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### 1.0 Introduction

- 1.1 Sustainability is at the core of planning policy, both national and local.
- 1.2 It is sustainable development that the National Planning Policy Framework (NPPF) seeks to promote. "The purpose of the planning system is to contribute to the achievement of sustainable development."<sup>2</sup>
- 1.3 In economic terms, sustainability means "contributing to building a strong, responsive and competitive economy"<sup>3</sup>. For town centres, local planning authorities are called upon to recognise them "as the heart of their communities and pursue policies to support their viability and vitality"<sup>4</sup>. A planning application for a town centre development therefore calls for economic assessment against these criteria. Such an assessment has to be based on present and future need.<sup>5</sup>
- 1.4 Moreover, to meet Milton Keynes planning policy, applications for convenience floorspace must also be able to demonstrate need. The Milton Keynes Retail Capacity Update (2011), carried out as part of the ongoing work on the Core Strategy, recommends the Council to "assess each application [for further convenience floorspace] on its own merit and require that any application is able to demonstrate a localised need for additional floorspace."<sup>6</sup>
- 1.5 This recommendation flows from the Update's findings that there is now significant oversupply of convenience floorspace in the Borough and that this situation will continue right up to 2026.<sup>7</sup> These findings supersede earlier ones<sup>8</sup> that had previously foreseen a need for more convenience floorspace in the Borough from 2011 to 2026.

- <sup>4</sup> NPPF, paragraph 23.
- <sup>5</sup> Following Resolution 24/187 of the United Nations General Assembly, the NPPF defines sustainable development as "meeting the needs of the present without compromising the ability of future generations to meet their own needs." (NPPF, page 2).
- <sup>6</sup> Roger Tym & Partners, *Milton Keynes Council Retail Capacity Update*, M9550, August 2011, paragraph 4.39 iii).
- <sup>7</sup> These findings were reached even before the oversupply of convenience floorspace was increased by 3,575 sq. m. by the recent approvals of the enlargement of the planned Western Expansion Area store and of the larger Sainsbury store at Shenley Church End.
- <sup>8</sup> Roger Tym & Partners, *The Milton Keynes Retail Capacity and Leisure Study*, M9226, February 2010.

<sup>&</sup>lt;sup>2</sup> NPPF, paragraph 6.

<sup>&</sup>lt;sup>3</sup> NPPF, paragraph 7.

- 1.6 Furthermore, as Planning Application 11/00143/FUL is for a major retail development within an existing centre, under Local Plan Policy R1(iii) permission can only be granted if the development is of an appropriate scale. This is reinforced by the NPPF: "Where an application ... is likely to have a significant adverse impact [on factors affecting the vitality of town centres], it should be refused."<sup>9</sup>
- 1.7 To meet both national and local planning policy, therefore, assessment of Planning Application 11/00143/FUL is required to establish whether the proposed new food retail store in Cofferidge Close would be economically sustainable, whether such additional convenience floorspace would correspond to local need and whether the proposed store would be of an appropriate scale for Stony Stratford. This calls for quantitative evaluation of the store's foreseeable catchment area, market share and turnover.
- 1.8 The Retail Statement accompanying the Application does not address the economic sustainability of the proposed store. Its demonstration of need<sup>10</sup> rests on the now obsolete findings of the Milton Keynes Retail Capacity and Leisure Study (2010). It does not attempt a quantitative assessment of the store's market share relative to existing competition and committed competitive developments, stating only that "due to the size of the store in relation to existing provision, it is not considered that it will draw significant trade from beyond its local catchment area." This area is not defined in more precise geographical terms than the statement that the store "is intended to serve the needs of Stony Stratford's local residents, visitors to the town centre, and the immediate surrounding area."<sup>11</sup> The store's intended market is not quantified in demographic or economic terms.
- 1.9 This Economic Sustainability Assessment is therefore presented for the consideration of the Development Control Committee. The aims of the Assessment are to:
  - identify the proposed store's catchment area;
  - quantify its foreseeable market within this catchment area in 2016;
  - forecast its turnover in 2016; and
  - assess the viability of the proposed store and hence its economic sustainability.

<sup>&</sup>lt;sup>9</sup> NPPF, paragraph 27.

<sup>&</sup>lt;sup>10</sup> Barton Willmore LLP, *Retail Statement*, 17073/A5/AI, January 2010, paragraphs 4.24 and 4.26.

<sup>&</sup>lt;sup>11</sup> *Retail Statement*, paragraphs 5.4 and 3.4.

## PART 1 - CALCULATION OF CATCHMENT AREA

## 2.0 Methodology

- 2.1 To achieve the aims set out above, the Assessment will apply a classical gravity-model approach. Gravity models are a recognized methodology used for the last half-century in many forms of spatial economic assessment, especially in the field of retail demand. Whilst not taking all factors into account, they are considered the most reliable predictor available of likely demand for a proposed development. Further background information on gravity modelling is given in **Appendix 1**.
- 2.2 As the range of store choice available to the consumer depends largely on whether or not he has access to a motor vehicle, the car-owning and non-car-owning markets will be analysed separately. For each market, the relative attraction of each store within easy reach of the consumer will be considered as directly proportional to its sales area and inversely proportional to the time required to reach it, whether by car, by bus or on foot. A step-by-step approach will be adopted, as follows:
  - 1. Define the study area.
  - 2. Divide the study area into population zones as finely and evenly as possible.
  - 3. Evaluate the numbers of car-owning and non-car-owning households in each population zone in 2011 and in 2016, as well as the total population living in each type of household in each year.
  - 4. Identify all supermarkets which could attract convenience-goods shopping in 2011 and in 2016 from any of the population zones identified, and establish their net convenience-goods sales areas in each year as well as the main characteristics affecting their competitive strength.
  - 5. Identify, for the car-owning and non-car-owning markets separately, the shortest travelling-time from each population zone to each of the supermarkets identified in the previous step.
  - 6. Build a gravity model to forecast each store's share of the car-owning and non-carowning markets in each population zone in 2016, using the input from the steps 4 and 5, and calibrating the model on known present market data.

- 7. Calculate the total "pot" of supermarket convenience-goods spending by the carowning and non-car-owning populations respectively in each zone in 2016 by applying per-capita convenience-goods expenditure forecasts to the relevant population forecasts in step 3 above for that zone.
- 8. Forecast the turnover of the proposed Cofferidge Close store zone-by-zone in 2016 by applying its forecast shares of the car-owning and non-car-owning markets (step 6) to the relevant convenience-goods spending "pot" for that zone (step 7), and summing the results.
- 9. Assess the viability of the proposed Cofferidge Close store in 2016 by comparing its forecast turnover in step 8 to forecast supermarket convenience-goods benchmark data.

### 3.0 Definition of the study area

- 3.1 The first step in the methodology is to define the study area. This is the geographical space within which the methodology will identify the possible catchment area for the proposed store. Based on information on convenience-goods shopping patterns in Milton Keynes<sup>12</sup>, the area within about 11 minutes' drive of Cofferidge Close (the "11-minute isochrone") has been taken as a basis, as shown in **Figure 1**.
- 3.2 Thanks to Milton Keynes' grid network of trunk roads, this area extends much further east and south-east towards Central Milton Keynes than the market the proposed store is intended to serve. This will facilitate the calibration of the model on known market shares in the whole of the Stony Stratford/Wolverton area. The competitive effects of the many other supermarkets in this area and beyond, both for residents of this area and for those of Stony Stratford, will be taken into account at a later stage of the methodology.
- 3.3 In the more rural area to the north, west and south of Stony Stratford, the study area includes all or most of Old Stratford, Cosgrove, Potterspury, Grafton Regis, Yardley Gobion, Deanshanger, Wicken, Thornton, Beachampton, Nash, Whaddon, Calverton and Passenham.
- 3.3 The study area also includes the whole of the site of the future Western Expansion Area (zones 10.1-3 and 11), the commencement of which by 2016 will be taken into account.
- 3.4 The study area covers some 13,600 hectares. In demographic terms, the population of the study area stood at 73,016 at the time of the 2001 census. On the basis of current forecasts, it is expected to increase 33% by 2016, to about 96,800. Some of this increase will come from the completion of part of the Western Expansion Area, which is expected to house some 3,500 residents by 2016.

<sup>&</sup>lt;sup>12</sup> The Milton Keynes Retail Capacity and Leisure Study, Spreadsheet 11a.



Map base contains Ordnance Survey data © Crown copyright and database right 2012. Source for isochrone limits: Bing Maps, July 2012

## 4.0 Population zones within the study area

- 4.1 The second step in the methodology is to divide the study area into population zones as finely and evenly as possible. Adopting a fine-grain demographic approach in the interest of a robust market analysis, the study area has been divided into the 59 zones shown in **Figure 2**.
- 4.2 Except for the two zones representing the Western Expansion Area, all are constructed from Office for National Statistics (ONS) output areas, for which detailed 2001 census data and population estimates up to 2010 are published. The relationship of each zone to ONS source geography is detailed in **Appendix 2**.
- 4.3 For all zones within the borough of Milton Keynes, the population forecasts for 2016 have been derived from those published by the Milton Keynes Observatory for the relevant civil parish. For the other zones, situated within South Northamptonshire and Aylesbury Vale, ONS estimates of population growth up to 2010 have been extrapolated to 2016. Full demographic data and details of forecasting method for each zone are given in Appendix 2.
- 4.4 Zones 1–5 cover the civil parish of Stony Stratford. These and the other currently urbanised zones within the study area (6–41) contain approximately equal numbers of population (about 1,500 each in 2001, forecast to rise to an average of about 1,870 each in 2016). This provides as homogeneous and detailed a basis as possible for analysing market shares in the most heavily populated part of the study area. For even greater precision in zone 1, in which Cofferidge Close is located, six sub-zones have been created, as shown in the inset to Figure 2.
- 4.5 The Western Expansion Area, whose construction is expected to begin in 2013, is represented by population zones 42 and 43. Their boundaries are as defined in the Development Briefs for WEA zones 10.1–3 and 11 respectively.
- 4.6 The rural part of the study area, covered by zones 44–59, is more disparate in population terms. Only six of these zones contain settlements of appreciable size (Deanshanger, Potterspury, Yardley Gobion, Cosgrove, Old Stratford and part of Haversham), each of which forms one zone. Their forecast populations in 2016 range from about 700 (Cosgrove) to about 3,600 (Deanshanger). The remaining ten rural zones are very sparsely populated (fewer than 500 inhabitants forecast in each in 2016).

4.7 A summary of the total population in these groups of zones is presented in **Table 1**.

## TABLE 1 SUMMARY OF POPULATION OF STUDY AREA

|                                | тс             | DTAL POPULATI    | ON                  |   |
|--------------------------------|----------------|------------------|---------------------|---|
|                                | 2001<br>CENSUS | 2016<br>FORECAST | 2001-16<br>% CHANGE | 2 |
| Stony Stratford CP (zones 1–5) | 7,567          | 7,800            | +3.1%               |   |
| Other urban (zones 6–41)       | 54,831         | 69,300           | + 26.4%             |   |
| WEA (zones 42 & 43)            | —              | 3,500            | -                   |   |
| Rural (zones 44–59)            | 10,618         | 16,200           | + 52.6%             |   |
| Total Study Area               | 73,016         | 96,800           | +32.6%              | 2 |
|                                |                | Source.          | Appendix 2          |   |



Map base contains Ordnance Survey data © Crown copyright and database right 2012. Zone boundaries derived from ONS NeSS geography and WEA Development Briefs

## 5.0 Car-owning and non-car-owning population in each zone

- 5.1 The third step in the methodology is to evaluate the numbers of car-owning and non-carowning households in each population zone in 2011 and in 2016, as well as the total population living in each type of household in each year. It is from their relative proportions that the potential market in each zone for the proposed Cofferidge Close store will be calculated.
- 5.2 For all zones other than the two representing the Western Expansion Area, the numbers of car-owning and non-car-owning households in each zone have been projected forward to 2011 and 2016 from ONS 2001 census data using official estimates or forecasts of population growth. The total population living in each type of household in each year has been estimated from ONS civil parish data on the composition of non-car-owning households.
- 5.3 For zones 42 and 43 (the Western Expansion Area), the total number of households expected to be living in each zone by 2016 has been estimated from Milton Keynes Observatory population projections for these areas. The breakdown between car-owning and non-car-owning households in these zones has been assumed to be the same as the average for zones 1–41 (78.9% and 21.1% respectively).
- 5.4 A summary of the 2011 estimates and 2016 forecasts for each type of household in the study area, rounded to the nearest hundred, is presented in **Table 2**. Full zone-by-zone data for household numbers and populations in each year are given, with notes on method of calculation, in **Appendix 2**.

|                                |                | CAR-O            | WNING HOUSE      | EHOLDS           |                  |                | NON-CAR          | -OWNING HOU      | JSEHOLDS         |                 |
|--------------------------------|----------------|------------------|------------------|------------------|------------------|----------------|------------------|------------------|------------------|-----------------|
|                                | NUMBE          | RS OF HOUS       | EHOLDS           | POPUL            |                  | NUMBE          | RS OF HOUS       | EHOLDS           | POPUL            | ATION           |
|                                | 2001<br>CENSUS | 2011<br>ESTIMATE | 2016<br>FORECAST | 2011<br>ESTIMATE | 2016<br>FORECAST | 2001<br>CENSUS | 2011<br>ESTIMATE | 2016<br>FORECAST | 2011<br>ESTIMATE | 2016<br>FORECAS |
| Stony Stratford CP (zones 1–5) | 2,509          | 2,500            | 2,600            | 6,300            | 6,600            | 670            | 700              | 700              | 1,100            | 1,20            |
| Other urban (zones 6–43)       | 17,241         | 20,200           | 22,900           | 55,300           | 62,900           | 4,619          | 5,200            | 5,900            | 8,900            | 10,00           |
| Rural (zones 44–59)            | 3,753          | 4,900            | 5,700            | 13,000           | 15,200           | 445            | 600              | 700              | 800              | 90              |
| Total Study Area               | 23,503         | 27,500           | 31,200           | 74,700           | 84,700           | 5,734          | 6,500            | 7,200            | 10,800           | 12,10           |
|                                |                |                  |                  |                  |                  |                |                  |                  | Source           | · Appendix      |

### TABLE 2: SUMMARY OF CAR-OWNING AND NON-CAR-OWNING HOUSEHOLD ESTIMATES AND FORECASTS

## 6.0 Competing supermarkets

- 6.1 The fourth step in the methodology is to identify all supermarkets (including Cofferidge Close) which could potentially attract convenience-goods shopping in 2011 and in 2016 from any of the population zones identified, and establish their net convenience-goods sales areas in each year as well as the main characteristics affecting their competitive strength.
- 6.2 In order to take account of all possible sources of competition for the custom of residents of the study area by 2016, all existing and committed supermarkets within 22 minutes' drive of Stony Stratford, offering parking facilities and a suitable range of convenience goods to attract a weekly shopping trip, have been identified. In addition to Cofferidge Close itself, there are 19 such supermarkets, distributed as follows:
  - 10 supermarkets located within 11 minutes' drive of Stony Stratford: Tesco (Wolverton); Asda (Wolverton); Sainsbury (Shenley Church End); Aldi (Bradwell Common); Waitrose (Central Milton Keynes); Marks & Spencer (Central Milton Keynes); Sainsbury (Central Milton Keynes); Lidl (Oldbrook); Asda (Denbigh); and the supermarket to be built in the Western Expansion Area. In varying degrees, depending on their size and travelling-time from Stony Stratford, these may compete with the proposed Cofferidge Close store even in its core catchment area.
  - 9 supermarkets located within 12–22 minutes' drive of Stony Stratford: Morrisons (Westcroft); Tesco (Bletchley); Sainsbury (Bletchley); Tesco (Buckingham); Waitrose (Buckingham); Waitrose (Towcester); Tesco (Kingston); Marks & Spencer (Kingston); and the future Tesco store at Newport Pagnell for which planning permission has been granted. Whilst many of these are too remote to have any significant competitive effect on the proposed store, some may attract custom from the periphery of its catchment area, notably in the rural area north, west and south of Stony Stratford.
- 6.3 The net convenience-goods sales area (existing and approved) of most of these stores has been obtained from retail capacity studies carried out for the relevant local authorities and from planning applications. In other cases, their net convenience-goods sales area has been estimated from available data on their total net sales area. As this Assessment is

based on present commitments, only existing and approved store sizes have been taken into account in the gravity model.

- 6.4 All 20 supermarkets are listed, with their addresses, their net convenience-goods sales areas and the main characteristics affecting their competitive strength, in **Appendix 3**. The locations and relative sizes of all 20 supermarkets are illustrated in **Figure 3**.
- 6.5 In terms of competitive strength, the 20 supermarkets can be classified in two distinct categories:
  - 'Superstores', identifiable not only by their size but also by the presence of a petrol filling-station. Most of these are also open 24 hours a day, with some providing such convenient other services as a pharmacy or optician and/or a substantial offer of comparison goods. Weekly shopping trips at such stores can thus usually be conducted outside the opening hours of other supermarkets, and can be combined with shopping for other goods as well to form one-stop multi-purpose trips. With a filling-station offering petrol at attractive prices, such 'superstores' are at a clear competitive advantage in the car-owning market. Stores 1, 3, 10, 11, 13, 15 and 19 are considered to come within this category; and
  - the thirteen other supermarkets without a petrol filling-station and with few if any of the other features of the 'superstore' category.
- 6.6 Within this latter category of ordinary supermarkets without petrol filling-stations, the present operator of the Cofferidge Close store clearly stands well below the others in terms of market profile. Among all those listed in Appendix 3, its current operator is the only one that does not advertise in national or electronic media, have a loyalty card scheme, offer internet shopping or provide a delivery service.
- 6.7 These marked differences of competitive strength can be expected to show up in the results of the gravity model. They will need to be taken into account in calibrating the model on present results and, depending on the extent to which they will continue into the future, in adjusting its forecasts.



Map base contains Ordnance Survey data © Crown copyright and database right 2012. Source for store data: Appendix 3.

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### 7.0 Journey-times

- 7.1 The fifth step in the methodology is to identify, for the car-owning and non-car-owning markets separately, the shortest journey-time from each population zone to each of the supermarkets identified in the previous step.
- 7.2 For each population zone —or, in the case of zone 1, each of its six sub-zones— a single reference point has been selected, expressed as a full post code. As far as possible, each reference point is situated towards the centre of the main residential area within the zone or sub-zone. Each of the 20 store locations has been identified by its full post code.
- 7.3 For the car-owning market, the driving-time in minutes via the quickest route from each of these 64 reference points to each of the 20 stores has been derived from a standard road-mapping resource. In the Western Expansion Area, where the road network does not yet exist, estimates have been used. All routes take account of one-way restrictions, roundabouts and junctions, and the driving-times allow for the different speeds attainable on the various categories of highway used along the route. Although they cannot take account of any temporary restrictions or diversions, the results are considered to represent a realistic estimate of the average time it will take to drive from each reference point to each supermarket by the quickest route. The driving-times for these 1,280 car routes are shown in Appendix 4.
- 7.4 For the non-car-owning population, the quickest journey-times in minutes have been calculated from each of the 64 reference points to all stores reasonably accessible to this market segment: on foot to those stores that are within easy walking distance, and on foot and by bus to more distant stores (using currently operated services with a frequency of at least one per hour during weekday shopping times). In the absence of information on future public transport serving the Western Expansion Area, its proposed store has had to be omitted from the analysis of the non-car-owning market, as well as journey-times from zones 42 and 43 to all the stores considered<sup>13</sup>. The journey-times for practicable routes on foot and by bus are shown, with notes on their basis of calculation, in Appendix 5.

<sup>&</sup>lt;sup>13</sup> The resultant distortion of the results of the model will be in favour of the Cofferidge Close site. If there is a frequent bus service between Stony Stratford and the Western Expansion Area it is likely, in view of the disparity of store sizes, to carry more Stony Stratford residents to the WEA store than it is to bring WEA residents to Cofferidge Close. The applicant's objection to the recently approved enlargement of the WEA store supports the view that the Cofferidge Close proposal is vulnerable to competition from the WEA store.

## 8.0 Gravity model

- 8.1 The sixth step in the methodology is to build a gravity model to calculate each store's probable share of the car-owning and the non-car-owning market in each population zone in 2016, after calibration on known present market data. The existing and approved store sizes, the journey-times and the demographic data established in the previous steps will form the input data for the model.
- 8.2 The gravity model works on the principle that the larger a supermarket is and the shorter the time required to reach it, the more likely it will be to attract households to shop there. On this principle, the model calculates the "gravitational pull" exerted by each supermarket on the car-owning and non-car-owning residents of each population zone, relative to the "pull" of other supermarkets accessible to them within a specified journey-time.
- 8.3 Analysing the car-owning and non-car-owning markets separately, the gravity model:
  - first calculates an "attractiveness factor" in each zone for each supermarket, in proportion to the store's size and in inverse proportion to the time required to reach it; and
  - then calculates the market share of each supermarket in each zone by expressing its attractiveness factor as a percentage of the total of all attractiveness factors for that zone.
- 8.4 These market shares are then applied to the "pot" of supermarket convenience-goods spending by the car-owning and non-car-owning populations respectively in each zone, and the results are summed to calculate the total turnover of each supermarket in each zone.
- 8.5 As shown in the flow diagram in **Figure 4**, the model is run twice:
  - the first time using existing store sizes, in order to calibrate the model on known market data for the existing situation; and
  - the second time using the store sizes supposed for 2016 (i.e. the proposed size for the Cofferidge Close store; and existing sizes and, where appropriate, size commitments from approved planning applications for all other stores).



## FIGURE 5: CALIBRATION

CALIBRATION ON SHARES OF THE STONY STRATFORD + WOLVERTON CONVENIENCE-GOODS MARKET



CALIBRATION ON COFFERIDGE CLOSE STORE'S TURNOVER 2011



- 8.6 The model has been calibrated on the known present shares of the Stony Stratford/Wolverton market held by three major stores and on the known 2011 turnover of the present Cofferidge Close store, as described in Appendix 6. The results achieved are illustrated in Figure 5.
- 8.7 As anticipated in paragraph 6.6 above, the present Cofferidge Close store proves to be exerting much less competitive "pull" than the other supermarkets included in the model. Its attractiveness factors are shown on calibration to be as much as 71% below the level that would be expected for a store of its present size in this location. This has therefore been factored into the calibration.
- 8.8 In preparing to run the model to simulate the market in 2016, the question arises as to the cause of this present under-performance. If it is entirely due to the market profile of the present operator, then it can be factored out, the Cofferidge Close store being expected to regain its full competitive "pull" once it has an assumed first-tier operator with a higher market profile.
- 8.9 But such a large measure of under-performance suggests that part or all of it may be due to another factor which, being site-specific, will continue to affect future performance, whatever the operator. This factor is the restricted vehicle access to the site, through the brick-pillared archway connecting Cofferidge Close to Silver Street, shared by all cars and goods vehicles entering or leaving. Manœuvring through the archway is often slow and difficult due to its limited width and visibility. On exit, the visibility splay of all drivers is cut off to the left by the projecting building line of 25 Silver Street. On entry, drivers of articulated lorries approaching the site from the north-west have to pull across to the wrong side of the road in order to see enough of the pillars to judge their turn before commencing the manœuvre. This blocks all traffic in both directions and often requires other vehicles to reverse in order to give way. The resultant traffic snarl-ups, with concomitant damage to vehicle bodywork and to the brick pillars themselves, must be presumed to reduce the attraction of the Cofferidge Close store for motorists. Under the proposal, with more car traffic generated by the store and greatly increased numbers of goods-vehicle movements throughout the day (including at peak times)<sup>14</sup>, the deficiencies

<sup>&</sup>lt;sup>4</sup> Under the proposal, heavy goods vehicle movements through the archway would quadruple from 2 arrivals and 2 departures per day at present (outside peak hours) to 8 arrivals and 8 departures staggered throughout the day (including one departure and one arrival in peak hours). See Transport Assessment, Table 5.15.

of the site access can be expected to have an even greater negative effect on the store's ability to compete.

- 8.10 Because the relative weighting of these operator-specific and site-specific factors in the current under-performance is unknown, the forecasting run of the model has been made in three scenarios:
  - a minimum scenario, in which the present under-performance of the Cofferidge Close store is ascribed entirely to the site-specific factor of the Silver Street archway, whose effect is therefore fully retained<sup>15</sup>;
  - a median scenario, in which the present under-performance of the Cofferidge Close store is ascribed half to the operator-specific factor and half to the site-specific factor. Because, in this scenario, half the present competitive weakness will remain in the future, even with a fully-competitive store operator, only half of the present underperformance has been factored out and half retained (for the car-owning market only); and
  - a maximum scenario, in which any site-specific factor is disregarded completely, the whole of the present under-performance of the Cofferidge Close store being factored out on the assumption that it is due entirely to the market profile of the operator and that it will cease to apply once a fully competitive retailer is in place; and
- 8.11 The calculations for 2016, using the proposed size of the Cofferidge Close store and the existing size commitments<sup>16</sup> of all the other stores, are presented as follows:
  - the attractiveness factors calculated by the model from the store sizes and journeytimes are presented, for the car-owning- and non-car-owning markets respectively (with minimum, median and maximum scenarios for the car-owning market), in Appendices 7, 8, 9 and 10; and
  - the market shares calculated by the model for each store in each zone are presented, for the car-owning- and non-car-owning markets respectively (with minimum, median and maximum scenarios for the car-owning market), in **Appendices 11, 12, 13 and 14**.

<sup>&</sup>lt;sup>15</sup> Because the site-specific factor relates to vehicle access and therefore affects car-borne traffic only, it has been retained only for the car-owning market for the Cofferidge Close store..

<sup>&</sup>lt;sup>16</sup> i.e. taking account of approved planning applications, but disregarding any applications pending decision.

- 8.12 As called for in step seven of the methodology, the total "pot" of supermarket convenience-goods spending by the car-owning and non-car-owning populations respectively in 2016 has been forecast in each zone by applying the latest convenience-goods spending estimates for 2016 given by the Milton Keynes Retail Capacity Update (2011) to the relevant population forecasts in Appendix 2. The results are shown in columns 1 and 2 of Appendix 15.
- 8.13 In each of the three scenarios, the shares of the car-owning and non-car-owning markets calculated by the model for the proposed Cofferidge Close store are then applied zone-by-zone, to the total "pot" of supermarket convenience-goods spending by the car-owning and non-car-owning populations respectively, as called for in step eight of the methodology. The car-owning and non-car-owning results are then summed zone-by-zone to produce the total turnover forecast for the proposed store in 2016. The results are shown in columns 4 to 12 in Appendix 15 and summarised in **Table 3** below.
- 8.14 In each of the three scenarios, the market share of the proposed store in each zone is calculated by expressing its forecast turnover as a percentage of the total forecast convenience-goods spending for that zone. The results are shown in columns 13 to 15 in Appendix 15 and summarised in Table 3 below.
- 8.15 The market-share and turnover forecasts for the proposed Cofferidge Close store are analysed, and the store's viability assessed in comparison with supermarket benchmark data, in Chapters 9.0 and 10.0 below.

| TABLE 3: | SUMMARY OF TURN | OVER AND MARKET | SHARE FORECASTS F | OR THE PROPOSED |
|----------|-----------------|-----------------|-------------------|-----------------|
|          | STORE IN 2016   |                 |                   |                 |
|          |                 |                 |                   |                 |

|                                |            | TURNOVER   |             | M       | ARKET SHA | RE      |
|--------------------------------|------------|------------|-------------|---------|-----------|---------|
|                                | Μινιμυμ    | Median     | ΜΑΧΙΜυΜ     | MINIMUM | MEDIAN    | ΜΑΧΙΜυΜ |
| Stony Stratford CP (zones 1–5) | £3,443,000 | £4,759,000 | £5,575,000  | 22.3%   | 30.8%     | 36.0%   |
| Other urban (zones 6–43)       | £1,034,000 | £1,477,000 | £1,913,000  | 0.7%    | 1.0%      | 1.3%    |
| Rural (zones 44–59)            | £1,603,000 | £2,990,000 | £4,207,000  | 5.3%    | 10.0%     | 14.0%   |
| Total                          | £6,080,000 | £9,226,000 | £11,695,000 |         |           |         |

Source: Appendix 15, turnover rounded to nearest £1,000

## PART 2 - ANALYSIS OF RESULTS

### 9.0 Catchment area and market share

- 9.1 The geographical extent of the catchment area for the proposed Cofferidge Close store in 2016 is defined by its total market share in each population zone, as calculated by the gravity model. These shares have been calculated in the three scenarios described in paragraph 8.10 above, all of which assume a fully-competitive first-tier operator for the proposed store.
- 9.2 The total market shares calculated for each zone in 2016 are presented in Appendix 15 and summarised in Table 3. The market shares in the median scenario are illustrated, with the population density of each zone in 2016, in Figure 6.
- 9.3 Within the civil parish of Stony Stratford (zones 1–5), the proposed store's market share averages about 31% overall in the median scenario, but varies considerably from one zone to another. In the southwestern part (zone 4), it reaches 61% but in the eastern part (zones 2, 3 and 5), it falls away to between 10% and 15%. The same fall-off towards the east is apparent within zone 1 itself: in sub-zones 1c and 1f, the store's market share exceeds 70%, but in sub-zones 1a and 1b, in proximity to the Wolverton Road, it is below 40%. These variations reflect the dominant competitive pressure exerted from the east by the enlarged Tesco Wolverton store.
- 9.4 In the rest of the urban area (zones 6–43), where there is strong competition from many large supermarkets, the proposed store's market share is much lower, averaging about 1% in the median scenario. It reaches 5% or more only in Greenleys, Hodge Lea and Stacey Bushes (zones 11, 12 and 19), whose non-car-owning residents have a bus route to Stony Stratford. In the rest of this area, the share is negligible, being mostly well under 1%.
- 9.5 In the rural area (zones 44–59), much of which is more strongly attracted to Tesco's stores at Wolverton and Buckingham as well as those of Waitrose at Towcester and Buckingham, not to mention the future Western Expansion Area supermarket, the proposed store's market share averages only about 10% in the median scenario and this in a sparsely populated region.

### FIGURE 6: MARKET SHARES AND POPULATION DENSITY IN 2016



- 9.6 As shown by comparison between the two maps in Figure 6, it is in zones of low or moderate population density that the store's market share is generally highest, whilst its share is negligible in most of the more densely populated zones to the south-east of Stony Stratford. The store's market is thus restricted mainly to Stony Stratford itself, with limited custom from the rural area to the north and west and very little from the urban area to the south-east.
- 9.7 The main reason for the relatively low market penetration achieved by the proposed store —even in the maximum scenario— is the highly competitive situation in the retail food market in this region. Following recent planning decisions, competition in the Stony Stratford area will now be dominated by two superstores: the already market-dominant Tesco store at Wolverton, whose enlargement has been approved, and the planned store in the Western Expansion Area, a major enlargement of whose floorspace has also been approved. These two giant foodstores, offering a combined total of more than 9,000 square metres of convenience floorspace in immediate proximity to Stony Stratford, will largely outweigh the effect of enlarging the Cofferidge Close store as proposed.
- 9.8 For the car-owning market, the results of the gravity model show that the competitive weakness of the proposed Cofferidge Close store is attributable to three main factors:
  - The competitive disadvantage from which the Cofferidge Close site suffers by virtue of its location. It can be accessed only via a series of unclassified streets and junctions in a built-up area (either High Street → Church Street → Market Square → Silver Street → Cofferidge Close; or Horsefair Green → Silver Street → Cofferidge Close). In terms of driving-time from most residential zones in the study area, this represents a penalty of about two extra minutes, enough to decrease the site's attraction appreciably in a highly competitive market.
  - Conversely, the competitive advantage enjoyed by other supermarkets in the vicinity by virtue of their location and the layout of roads near Stony Stratford. The main competing supermarkets are mostly situated on or near main roads providing fast access from many directions. In addition, Queen Eleanor Street and the A5 offer rapid access from areas on the east side of Stony Stratford, from Old Stratford and from much of the rural area to the north and west to supermarkets in Wolverton and -via the grid road system - to stores elsewhere in Milton Keynes. Many of these

areas, although geographically closer to Cofferidge Close than to Wolverton, are further away in terms of driving-time and therefore "leak" to Wolverton.

- The fact that the proposed store cannot offer a petrol filling station, the site being unsuited for such a facility. In contrast, its two giant rivals in 2016, Tesco Wolverton and the future Western Expansion Area store will each have one, with corresponding added attraction for the car-owning market.
- 9.9 The local non-car-owning market is also less captive than might be assumed, because the bus routes calling at Stony Stratford, although fewer in number and frequency than when the applicant's Transport Assessment was made<sup>17</sup>, offer direct access to some of the main competing stores. Tesco and Asda in Wolverton are barely five minutes away from Stony Stratford by bus route 5, while Waitrose and Marks & Spencer in Central Milton Keynes are little more than ten minutes away by bus route 89 and Aldi at Bradwell Common can be reached in twenty minutes by bus route 5<sup>18</sup>. These bus routes thus serve as much to take Stony Stratford residents to other supermarkets elsewhere in Milton Keynes as to bring custom to Cofferidge Close.
- 9.10 It should be stressed that the market shares shown in Table 3 are unlikely to be fully achieved in practice. As no potential operator has yet been identified for the proposed Cofferidge Close store, the model's forecasts are based on the contradictory assumptions that:
  - the operator of the proposed store would be a first-tier food-retailer with a market profile such that it could compete on equal terms with its closest major rivals, notably Tesco and Asda in Wolverton and the as-yet-unidentified operator of the store to be built in the Western Expansion Area; and that
  - the proposed store's market would not be adversely affected by competition from other stores of the same brand. It is to be expected that a consumer who is loyal to supermarket brand X will normally prefer the most readily accessible store of that brand. Thus, for the forecasts to be fully achieved in each zone, the operator of the

<sup>&</sup>lt;sup>17</sup> Of the five principal bus services listed in Table 3.1 of the applicant's Transport Assessment, one (route 14) has since been discontinued, another (route 80) operates only one service per week (instead of one per day) while the one service per day operated by a third (route 30/31) runs only during school terms. The hourly route 89 now serves Deanshanger, but no longer serves Cosgrove and Yardley Gobion, a reduction that is only partly compensated by a new route 90 serving Yardley Gobion three times a day and Cosgrove only twice a day during shopping hours.

<sup>&</sup>lt;sup>18</sup> Travel times by quickest bus routes as defined in paragraph 7.4 above.

proposed store would have to be a multiple with no other stores within shorter journey-time of that zone.

- 9.11 As all major food multiples have at least one store within reach of the proposed store's catchment area, it seems inconceivable that its operator could, at one and the same time, be both a first-tier retailer and one that would not, to some extent, be "competing with itself" for part of its potential market. Depending on the identity of the operator of the proposed store (and accessorily on that of the operator of the Western Expansion Area store), this factor could materially reduce the proposed store's market, especially in the "other urban" area (zones 6–43) where its market shares are low and where one or more stores of the same brand are very likely to be more readily accessible. To a lesser extent the same is true of the rural area (zones 44–59).
- 9.12 Moreover, the results of the gravity model are predicated on the maintenance of the present traffic system on the streets giving access to Cofferidge Close. It should be noted that Milton Keynes Council (Highways Traffic Management) is currently consulting Stony Stratford Town Council on the possible introduction of a northbound-only one-way restriction on the part of Silver Street between Horsefair Green and the entrance to Cofferidge Close as a sequel to the southbound-only one-way flow now in operation along the southern part of the High Street. Such a restriction or even a full gyratory clockwise-only system on all the streets bounding Cofferidge Close appears inevitable sooner or later to cope with natural traffic growth, especially when the Western Expansion Area brings substantial new population to the southern fringe of Stony Stratford.
- 9.13 Whilst such restrictions might ease traffic flow in one direction in Silver Street, they would have a substantial net negative impact on the car-borne demand predicted by the gravity model. This is because, as shown in Figure 6, the core catchment area for the store lies towards the south of Stony Stratford, towards Calverton End. For this reason, some 75% of the car traffic generated by the proposed store would arrive in Silver Street from the Horsefair Green end. With a one-way restriction on this part of Silver Street, such traffic would have to return via Silver Street → Market Square → Church Street → High Street → Horsefair Green<sup>19</sup> instead of by the direct route assumed by the gravity model. This would

<sup>&</sup>lt;sup>19</sup> The foreseeable alternative "rat run" (Silver Street → Oxford Street → Ousebank Way → Calverton Road) would have such environmental and road-safety impact on this residential area that restrictions would have to be placed on this route as a consequence of any one-way flow system in Silver Street.

lengthen the return journey by about 3 minutes, a penalty sufficient to decrease the attraction of the Cofferidge Close store appreciably in its core southern market vis-à-vis the nearby larger Western Expansion Area store.

- 9.14 No other sources of custom for the proposed store are available. In particular, the potential for its market to be supplemented by pass-by or diverted car trips is negligible, on account of the highway layout in and around Stony Stratford:
  - Pass-by traffic occurs only on main arteries. Silver Street, which is the sole access to the proposed store, is not a main thoroughfare. It is a narrow congested street on the west side of the town, used mainly by traffic whose origin or destination is in the centre of Stony Stratford, not by motorists passing through. Much of the through traffic along the axis of Watling Street between the southeast and the northwest of the town is diverted to the east along Queen Eleanor Street, by-passing the centre completely. It is therefore considered unlikely that the proposed store could attract any appreciable quantity of pass-by traffic.
  - As for diverted traffic, it is true that many residents in the southern part of Northamptonshire pass near to Stony Stratford on their way along the A5 to and from their workplaces in Central Milton Keynes. But to divert to Cofferidge Close, they would have, on the southbound journey, to turn off the A5 at the Old Stratford roundabout (5 minutes' driving-time to Cofferidge Close) and rejoin it again at the Bradwell Abbey roundabout (7 minutes' driving-time from Cofferidge Close). A diversion to Cofferidge Close would thus take 12 minutes, incurring a 9-minute penalty over and above the 3 minutes that it takes to drive direct along the A5 between the two roundabouts. Such a penalty would be highly dissuasive of traffic diversion to Cofferidge Close, especially as much of this through traffic has convenience-shopping facilities available at its destination in Central Milton Keynes or en-route, for example at the Bradwell Abbey filling station on H3 (Monks Way).
- 9.15 There are thus several factors which could cause the proposed store to attract less custom than the model is predicting, but none that could cause it to attract more. The market shares forecast in Table 3 should therefore be considered as upper values that are unlikely to be fully achieved in practice.

## 10.0 Turnover and viability

- 10.1 The proposed store's turnover in 2016 has been forecast in the three scenarios by applying its forecast share of the car-owning and non-car-owning markets in each zone to the latest professional forecasts of per-capita supermarket spending on convenience goods in 2016 for the area in which the zone is situated. These calculations (at 2011 price levels) are set out in Appendix 15 and the results are summarised in Table 3.
- 10.2 The supermarket spending forecasts are derived from those given in the Milton Keynes Retail Capacity Update (2011), spreadsheet 2, for per-capita convenience-goods spending at retail outlets in 2016. These forecasts are shown in Appendix 2. They make allowance for 2.95% of total convenience-goods spending to be by internet<sup>20</sup> and for 4.3% to go to small local shops<sup>21</sup>.
- 10.3 It should be stressed, however, that the resultant proportion of convenience-goods spending available to supermarkets in 2016 may be an over-estimate because household spending patterns are reported to be changing rapidly in two main respects:
  - Small proximity convenience-stores are now one of the fastest-growing sectors of the food retailing business, no doubt because the ever-rising real price of petrol increasingly incites consumers to economise on car journeys wherever possible and therefore to shop locally. This is why practically all major food multiples are moving into this sector of the market (for example, Tesco with its Tesco Express stores, Sainsbury with its Sainsbury Local stores, Marks & Spencer with its Simply Food stores, Asda with its recent takeover of many Netto stores, and Morrisons with its M Local stores). The market share of small local shops may therefore be appreciably greater by 2016 than the 4.3% allowed for in these estimates on the basis of a telephone survey conducted in 2008; and
  - Ordering by internet for home delivery may also take a much larger share of the market in 2016 than the 2.95% for which allowance has been made. According to a

<sup>&</sup>lt;sup>20</sup> *Milton Keynes Retail Capacity and Leisure Study* (2010), paragraph 4.45.

<sup>&</sup>lt;sup>21</sup> The latest available information on household spending patterns for such goods in *Milton Keynes Retail Capacity and Leisure Study* (2010), paragraph 4.6, shows that, of a mean household weekly convenience-goods spend (not including internet sales) of £85.72, £3.76 (4.4%) went to small local shops in 2008. This equates to 4.3% of total convenience-goods spend (internet sales included).

recent research report<sup>22</sup>, online grocery sales in 2011 accounted for 3.8% of total grocery sales in the UK. The same source sees online as the fastest-growing channel in UK grocery retailing, with its turnover set to double in the next five years and a market share of 6.0% forecast for 2016. Apart from Morrisons —whose launch of such a service is thought to be imminent—, all the major national food multiples now offer internet ordering of groceries with home delivery.

- 10.4 On optimal assumptions therefore (a hypothetical first-tier operator unaffected by competition from its own stores in the locality, no further restrictions on the traffic system around Cofferidge Close and a generous estimate of the proportion of convenience-goods spending available to the supermarket sector), the annual turnover of the proposed Cofferidge Close store in 2016 is forecast by the gravity model at between £6.1 million and £11.7 million, with a median value of £9.2 million (at 2011 price levels). This corresponds to an annual sales density of between £4,089 and £7,865 per square metre of convenience-goods floorspace (1,487 square metres<sup>23</sup>), with a median value of £6,205.
- 10.5 To assess the viability of the proposed store for a first-tier convenience-goods retailer, these 2016 forecasts will now be compared with an industry benchmark for leading food multiples. The benchmark adopted is the average annual sales density per unit of convenience-goods floorspace achieved by Tesco, Sainsbury's, Morrison's and Waitrose in 2011 as recorded in their respective annual reports<sup>24</sup>, increased by 0.33% per annum from 2011 to 2016 to allow for the forecast gradual rise in main supermarkets' sales densities.<sup>25</sup> This works out at £12,573 per square metre (at 2011 price levels). Multiplied by the convenience-goods floorspace of the proposed store, this produces a benchmark annual turnover of nearly £18.7 million for a supermarket of this size.

<sup>&</sup>lt;sup>22</sup> IGD, Online Grocery Retailing (2011).

<sup>&</sup>lt;sup>23</sup> Net convenience-goods sales area estimated as 95% of net sales area applied for (1,565 sq. m.).

<sup>&</sup>lt;sup>24</sup> Convenience-goods sales densities quoted in company reports for 2011: Tesco — £24.95 per sq. ft. per week = £13,965 per sq. m. per year; Sainsbury's — £20.04 per sq. ft. per week = £11,216.86 per sq. m. per year; Morrison's — £22.38 per sq. ft. per week = £12,526.61 per sq. m. per year; Waitrose — £1,093.00 per sq. ft. per year = £11,764.95 per sq. m. per year. Average of the four companies for 2011: £12,368.38.

<sup>&</sup>lt;sup>25</sup> Milton Keynes Retail Capacity Update (2011), Table 2.5.

- 10.6 The comparison between the forecast annual turnover range for the proposed store with a first-tier operator and the benchmark for such an operator with a store of the size proposed is shown in **Figure 7**. Depending on scenario, the forecast turnover falls short of the benchmark by between 37% and 67%, with a median shortfall of about 51%.
- 10.7 A store of the size proposed on this site would not, therefore, be viable for a leading food multiple. If a store of this size were to be leased to a second-tier food retailer operating with lower cost levels and a lower benchmark, it would still not be viable because, with less competitive strength, its turnover would be correspondingly lower. The gravity model shows that, under any circumstances and no matter what type of operator is assumed, a food supermarket of this size on this site would be under-trading so severely as to be at risk of complete failure. It would not be sustainable.
- 10.8 On the other hand, it is also clear that maintaining the status quo in Cofferidge Close is not a promising option for the future. If the Cofferidge Close store remains at its present size and with its present operator, its market position will be weaker in 2016 than in 2011. This is the direct result of increased competition caused by the approved enlargement of Tesco Wolverton and by the building of the Western Expansion Area supermarket at the increased size recently approved. To simulate the consequences of maintaining the status quo, a further run of the gravity model has been made with the operating conditions and size of the Cofferidge Close store the same as at present and the committed sizes of all the other supermarkets included in this Assessment (and therefore taking account of the size commitments of Tesco Wolverton, Sainsbury Shenley and the Western Expansion Area supermarket). The results suggest that, at constant price levels, the Cofferidge Close store's turnover would be some 12% less in 2016 than in 2011. A reduction of this magnitude would jeopardise the viability —and ultimately the continued existence— of Stony Stratford's only mainstream food retailer, with significant knock-on effects for all other businesses in the town.

#### FIGURE 7: TURNOVER/BENCHMARK COMPARISON

#### VIABILITY OF STORE OF PROPOSED SIZE IN 2016 WITH A FIRST-TIER OPERATOR



10.9 Some increase in the size of the Cofferidge Close store would thus appear advisable, but this would have to be on an appropriate scale that offers a real prospect of viability. Using the gravity model to test the range of annual turnover and sales densities that a store operator might hope to achieve on the Cofferidge Close site in 2016 with various store sizes, the following results are obtained (at 2011 price levels):

| NET<br>CONVENIENCE-GOODS | ES           | TIMATED TURNOVI | ER           | ANNUAL S | ALES DENSITY F | PER SQ. M. |
|--------------------------|--------------|-----------------|--------------|----------|----------------|------------|
| FLOORSPACE<br>(SQ. M.)   | MINIMUM      | MEDIAN          | MAXIMUM      | MINIMUM  | MEDIAN         | MAXIMUM    |
| 574 (actual)             | £3.0 million | £4.7 million    | £6.1 million | £5,157   | £8,158         | £10,632    |
| 631 (+ 10%)              | £3.2 million | £5.0 million    | £6.5 million | £5,057   | £7,989         | £10,346    |
| 689 (+ 20%)              | £3.4 million | £5.4 million    | £6.9 million | £4,964   | £7,808         | £10,085    |
| 746 (+ 30%)              | £3.6 million | £5.7 million    | £7.3 million | £4,877   | £7,641         | £9,846     |
| 804 (+ 40%)              | £3.9 million | £6.0 million    | £7.7 million | £4,795   | £7,485         | £9,625     |
| 861 (+ 50%)              | £4.1 million | £6.3 million    | £8.1 million | £4,719   | £7,340         | £9,421     |

10.10 It can be seen that sales density decreases as the size of the store is expanded. This is because, due to the fundamental demographic and competitive weaknesses of the site, turnover does not keep pace fully when floorspace is increased. The optimal size for the store will therefore be one which:

- is large enough to suit the operations of the fully-competitive food retailer that is needed to attract this volume of trade in a highly competitive market; and
- is small enough to offer a sales density that is compatible with that retailer's business model and can thus be operated viably.
- 10.11 All the sales densities calculated in paragraph 10.9 are below the average of £12,573 per square metre achieved by the four industry leaders mentioned in paragraph 10.5 above. However, some of the sales densities, especially at the bottom end of the range of floorspace increases, ought to be compatible with the benchmark of some of their lesser rivals<sup>26</sup>, while offering an appropriate size for their operations.

<sup>&</sup>lt;sup>26</sup> As demonstrated by the *Milton Keynes Retail Capacity and Leisure Study* (2010), Table 5.5, some national retail chains (e.g. the Co-op) have average sales densities barely half the level of that of the industry leaders.

- 10.12 On balance, therefore, a moderate increase (of, say, 20% or 30%) in the size of the Cofferidge Close store appears a judicious option. It should offer an attractive business opportunity to some of the lesser national supermarket multiples, with reasonable prospects of long-term viability. It would act as a proportionate counterweight to the increasing market dominance of an expanded Tesco Wolverton, compounded by the building of the Western Expansion Area store at its recently-approved larger size and by the recently-approved replacement of the Sainsbury store at Shenley by a much larger one. In so doing, it would help to retain trade in Stony Stratford for the town's other businesses.
- 10.13 Such an option would be preferable to allowing the Cofferidge Close store to decline under pressure of increased competition from nearby giant rivals.
- 10.14 It would certainly be far preferable to the disproportionate increase in the store's floorspace sought in the present application. Shown by the gravity model to be out of scale with its market, such a store —if ever approved and built— would be economically unsustainable. Its inevitable failure would leave Stony Stratford with a "white elephant" in the heart of its Conservation Area, and without any mainstream food retailer. This would inflict irreparable damage on the town, its residents and its businesses.

## 11.0 Summary and Conclusions

- 11.1 This Economic Sustainability Assessment has revealed the fundamental flaws in the business case for the proposed enlargement of the Cofferidge Close store:
  - the demographics of its catchment area are too weak;
  - the competition from nearby rival supermarkets is too strong; and
  - for motorists, its access routes are too slow.
- 11.2 These factors combine to rule out any prospect of economic sustainability for a store of the size proposed on this site:
  - In the most favourable hypothesis, the turnover that a leading national food multiple could achieve would be 37% short of the average that it would expect from a store of this size. But if the awkward archway that provides the site's sole vehicle access is considered to reduce its attraction for motor traffic, the shortfall on benchmark could be as much as 51% or even 67%. Still other factors, such as the foreseeable growth in grocery shopping by internet and at local convenience stores, and any new one-way restrictions on the streets round the site, could drive results down still further.
  - For a second-tier operator with lower costs and a lower benchmark, a store of this size would still be unsustainable because, with less competitive strength, its turnover would be correspondingly lower.
- 11.3 No matter what type of operator is assumed, a food store of this size on this site would be under-trading so severely as to be at risk of complete failure.
- 11.4 In terms of market share, the proposed store could aspire to market dominance only in parts of the old town of Stony Stratford and in Calverton End. Its share In Galley Hill and Fullers' Slade is substantially weakened by the recent approval of applications to double the convenience-goods area of the planned Western Expansion Area store and to increase that of Sainsbury at Shenley more than six-fold. Thus, in the civil parish of Stony Stratford as whole (with a forecast population of only 7,800 in 2016), its market share would not exceed 22% to 36%, with a median value of 31%. In the sparsely populated rural area north, west and south of Stony Stratford, its share would average between 5% and 14%, with a median value of 10%. And it would be practically negligible in most of the urban area to the south, including the Western Expansion Area.

- 11.5 The reason for this weak market performance is the overpowering competitive force of larger supermarkets nearby, specifically:
  - the Tesco store at Wolverton, which is barely five minutes away from Stony Stratford by bus or by car and now enjoys a two-thirds market share throughout the Stony Stratford/Wolverton area. Already more than twice the size of the proposed Cofferidge Close store, it has been granted permission to enlarge its conveniencegoods floorspace to more than 3.4 times that size. This will erode the proposed store's market share even more sharply to the east and within Stony Stratford itself;
  - the supermarket to be built —little more than five minutes' drive from Stony Stratford— in the Western Expansion Area, which will limit and erode the proposed Cofferidge Close store's market share to the south-east of the town. At its recentlyapproved enlarged size, this supermarket will be 2.7 times bigger, in terms of convenience-goods floorspace, than the proposed Cofferidge Close store. This will limit the proposed store's market share in the southern part of the civil parish of Stony Stratford; and
  - the Waitrose stores at Buckingham and Towcester and the Tesco store at Buckingham, all of which, by virtue of their size and their proximity, would attract more custom from most of the rural area north, west and south of Stony Stratford than the proposed Cofferidge Close store.
- 11.6 Quite apart from the archway access problem, the proposed store's car-owning market on which it would rely for more than 80% of its custom— is further limited by three other factors, all taken into account in the present Assessment:
  - The slow access to the site. In contrast to its nearby rivals enjoying rapid access along the Milton Keynes grid-road system, Cofferidge Close can be reached only via a series of unclassified streets and junctions in a built-up area. This adds a few crucial extra minutes to the driving-time required to reach it from most directions, penalising the proposed store further in a highly competitive market.
  - The fact that —unlike Tesco Wolverton, the future Western Expansion Area store and several other giant rivals— the Cofferidge Close site cannot offer a petrol filling station. This is a yet another handicap in a highly competitive market.
  - The lack of any potential for pass-by or diverted traffic to supplement the proposed store's market base. These are ruled out by a highway layout that diverts through traffic well away from the town, on the opposite side from Cofferidge Close.

- 11.7 In short, taking account of demographics, competition and access, demand is far from adequate for a store of the size proposed. There is simply no need for it. The proposed store is vastly out of scale with its catchment area and, if approved and built, would not be economically sustainable. Its failure would leave Stony Stratford with a "white elephant" in the heart of its Conservation Area, and without any mainstream food retailer. This would inflict irreparable damage on the town, its residents and its businesses.
- 11.8 The Application fails therefore to present the sustainable development sought by the NPPF. The proposed store does not correspond to a localised need as required by local planning policy, and is out of scale with its catchment area. Its predictable failure would have significant adverse impact on the vitality of a town centre. The Application must accordingly be refused under NPPF paragraphs 12 and 27 and Local Plan Policy R1(iii).
- 11.9 Such is the conclusion reached on the basis of the tried and tested method of using a gravity model to forecast the proposed store's share of the total convenience-goods spending "pot" available in its catchment area. The forecast is based firmly on official population forecasts, real store sizes, real travelling-times by car and by bus and the latest convenience-goods spending forecasts by Milton Keynes Council's retail consultants. The model has been applied separately to the car-owning and non-car-owning segments of the market in many finely-defined population zones, and the results aggregated. Viability has been assessed by comparing the result to the latest real industry benchmarks.
- 11.10 However, running the same model to simulate the results of leaving the Cofferidge Close store unchanged shows that its viability will be threatened by increased competition from the enlarged Tesco Wolverton and by the planned Western Expansion Area supermarket at its recently-approved enlarged size.
- 11.11 A proportionate response to this problem might be a modest enlargement of the existing store, say by about 20% or 30%. Further runs of the model suggest that a store of this size would have reasonable prospects of sustainability. Such a store would also help to retain trade in Stony Stratford for the town's other businesses. This would be a "smaller incremental increase to an existing facility, appropriate to the role of the centre it is located within", compatible with the recommendation of the Retail Capacity Update (2011)<sup>27</sup>.

<sup>&</sup>lt;sup>27</sup> Milton Keynes Council Retail Capacity Update (2011), paragraph 4.39 iii).

### APPENDIX 1 - INFORMATION ON GRAVITY MODELLING

- The gravity model used in this Assessment derives from the later development of a concept first propounded by the US economist William J. Reilly in 1931. Reilly demonstrated empirically that two cities will attract retail trade from the same catchment area in approximately direct proportion to their population and inverse proportion to the square of the distance. This concept being closely parallel to Newton's law of universal gravitation, it became known by analogy as Reilly's Law of Retail Gravitation — whence the term 'gravity model'.
- 2. Reilly's concept was later expanded and improved by other economists, notably David L. Huff in the 1960s<sup>1</sup>, who developed it into a probabilistic distribution model applicable to multiple consumer choices within a closed system. It now focused on the way that consumers are attracted to any of several shopping centres, for which retail floorspace was introduced as the index of attraction. Instead of taking the inverse square of the distance as in Reilly's equation, the power to which the distance was raised before taking its inverse was now allowed to vary, its precise value being established in each case by calibrating the model on known data.
- 3. Raising this power has the effect of weighting shopping patterns towards shorter distances and away from longer ones. Varying the parameter in this way allows the model to be fitted optimally to the characteristics of the market being analysed (the distances over which shoppers travel being shorter for convenience goods than for comparison goods, and shorter in urban areas with plenty of stores in proximity than in more remote rural areas) as well as to changing economic conditions (higher petrol prices and bus fares tending to increase consumer preference for shopping over shorter distances).
- 4. Further refinements of the gravity model include disaggregation by mode of travel (consumer choice of shopping centre being less constrained for car users than for users of public transport), the substitution of time for distance (as a more realistic measure of the parameter separating the consumer from his possible choice of

stores) and the possible introduction of further factors to make allowance for other elements affecting the pattern of competition (supermarkets with petrol filling stations and easy parking having more power of attraction for motorists than supermarkets without).

5. In this model, the probability that people from a given residential area will shop at a particular supermarket will be the attractiveness function of that supermarket compared to the sum of the attractiveness functions of all the supermarkets accessible to that residential area. In algebraic terms, the probability (Pr) can be written in the general form:

$$\Pr\left[ \begin{array}{l} \text{a resident of zone } i \\ \text{shopping in store } j \end{array} \right] = \frac{F_j / t_{ij}^{\gamma}}{\sum_i F_j / t_{ij}^{\gamma}}$$

where:

 $F_i$  = floorspace of store j;

 $t_{ii}$  = travelling-time between zone i and store j; and

 $\gamma$  = a parameter whose value is established at calibration.

- For greater precision, the model used in this Assessment is confined to supermarket shopping for convenience goods only, and is disaggregated by being applied separately to car-owners and to users of public transport.
- 7. Models of this type have been widely used in spatial demand analysis by retail specialists, supermarket chains and local authorities over the last half-century. Although, like all economic models, they represent a simplification of the real world and cannot take account of every factor affecting human behaviour, their results have been found broadly reliable.

<sup>&</sup>lt;sup>1</sup> D.L. Huff, 'A probabilistic analysis of shopping centre trade areas', *Land Economics*, 39, (1963), pages 81–90.

## APPENDIX 2 – POPULATION ZONES

(table continues on opposite page and on following pages)

|          |   |  |                            |                      | 2001 c                         | ensus  |                               |                                 |            |                 |                                  | 2011 es                       | timates  |  |   |  |
|----------|---|--|----------------------------|----------------------|--------------------------------|--|-------------------------------|---------------------------------|------------|-----------------|----------------------------------|-------------------------------|--|--|---|--|
| Zone     | Description   | Source reference to ONS Neighbourhood Statistics geography:<br>Lower Layer Super Output Area (& Output Area) | Surface area<br>(hectares) | Population (Persons) | All Households<br>(Households) | Households with no<br>car or van<br>(households) | Households with car<br>or van | Growth coefficient<br>2001-2011 | Population | All Households  | Households with no<br>car or van | Households with car<br>or van | Estimated av. size of<br>non-car-owning<br>household | Estimated population<br>in non-car-owning<br>housholds | Estimated population<br>in car-owning<br>households | Estimated average<br>size of car-owning<br>household |
| (1)      | (2)   | (3)  | (4)                        | (5)                  | (6)                            | (7)  | (8)<br>(6)-(7)                | (9)                             | (10)       | (11)<br>(6)*(9) | (12)                             | (13)                          | (14)   | (15)<br>(12)*(14)                                      | (16)  | (17)   |
| Sub-zo   | nes within zone 1                                     |  |                            |                      |                                |  | (-) (-)                       |                                 | (-) (-)    | (-) (-)         | (.)(-)                           | ()                            |  | ()()   | ()  | (,()   |
| 1a       | Stony Stratford, old (N.E.)                           | Milton Keynes 010C (00MGNW0037 only)   | 12                         | 301                  | 127                            | 27   | 100                           | 0.97806                         | 294        | 124             | 26                               | 98                            | 1.68   | 44   | 250   | 2.55   |
| 1b       | Stony Stratford, old (E.)                             | Milton Keynes 010C (00MGNW0038 only)   | 5                          | 275                  | 131                            | 23   | 108                           | 0.97806                         | 269        | 128             | 22                               | 106                           | 1.68   | 37   | 232   | 2.19   |
| 10       | Stony Stratford, old (N.W.)                           | Milton Keynes 010C (00MGNW0039 only)   | 22                         | 235                  | 124                            | 32   | 92                            | 0.97806                         | 230        | 121             | 31                               | 90                            | 1.68   | 52   | 178   | 1.98   |
| 10       | Stony Stratford, old (S.W.)                           | Milton Keynes 010C (00MGNW0041 only)   | 18                         | 269                  | 136                            | 29   | 107                           | 0.97806                         | 263        | 133             | 28                               | 105                           | 1.68   | 47   | 216   | 2.06   |
| 1e<br>1f | Stony Stratford, old (S.E.)                           | Milton Keynes 010C (00MGN w0045 only)<br>Milton Keynes 010C (00MGNW0047 only)                                | 6                          | 245                  | 119                            | 27   | 92                            | 0.97806                         | 240        | 116             | 26                               | 90                            | 1.68   | 44   | 196   | 2.18   |
|          | Stony Stration, old (S.)                              | winton Reynes 010C (00MGINW0047 0my)   | 9                          | 212                  | 128                            | 19   | 109                           | 0.97800                         | 200        | 123             | 19                               | 100                           | 1.08   | 32   | 234   | 2.21   |
| Stony S  | Stratford (civil parish)<br>Stopy Stratford, old town | Milton Keynes 010C (all) (sum of sub-zones 1a-1f)  | 72                         | 1507                 | 765                            | 157  | 608                           | 0.07806                         | 1562       | 749             | 154                              | 504                           | 1.69   | 250  | 1202  | 2 10   |
| 2        | Stony Stratford (northeast)                           | Milton Keynes 010B (all)   | 66                         | 1564                 | 662                            | 157  | 510                           | 0.97806                         | 1530       | 647             | 134                              | 498                           | 1.08   | 239  | 1279  | 2.19   |
| 3        | Gallev Hill   | Milton Keynes 010A (all)   | 45                         | 1518                 | 640                            | 90   | 550                           | 0.97806                         | 1485       | 626             | 88                               | 538                           | 1.68   | 148  | 1337  | 2.37   |
| 4        | Calverton End   | Milton Keynes 019D (all except 00MGNW0024)   | 35                         | 1437                 | 636                            | 109  | 527                           | 0.97806                         | 1405       | 622             | 107                              | 515                           | 1.68   | 180  | 1225  | 2.38   |
| 5        | Fullers Slade   | Milton Keynes 012B (all)   | 33                         | 1451                 | 476                            | 162  | 314                           | 0.97806                         | 1419       | 466             | 158                              | 308                           | 1.68   | 266  | 1153  | 3.74   |
|          | Sub-total zones 1-5                                   |  | 251                        | 7,567                | 3,179                          | 670  | 2,509                         |                                 | 7,401      | 3,109           | 656                              | 2,453                         |  | 1,104  | 6,297   |  |
| Other ι  | urban   |  |                            |                      |                                |  |                               |                                 |            |                 |                                  |                               |  |  |   |  |
| 6        | Old Wolverton & Wolverton Mill                        | Milton Keynes 010D (all)   | 372                        | 1530                 | 603                            | 70   | 533                           | 1.06628                         | 1631       | 643             | 75                               | 568                           | 1.74   | 130  | 1501  | 2.64   |
| 7        | New Bradwell (west)                                   | Milton Keynes 008D (all)   | 119                        | 1496                 | 721                            | 206  | 515                           | 1.06628                         | 1595       | 769             | 220                              | 549                           | 1.74   | 382  | 1213  | 2.21   |
| 8        | Wolverton (northeast)                                 | Milton Keynes 008B (all)   | 21                         | 1660                 | 661                            | 165  | 496                           | 1.06628                         | 1770       | 705             | 176                              | 529                           | 1.74   | 306  | 1464  | 2.77   |
| 9        | Wolverton (southwest)                                 | Milton Keynes 008A (all)   | 20                         | 1576                 | 619                            | 139  | 480                           | 1.06628                         | 1680       | 660             | 148                              | 512                           | 1.74   | 257  | 1423  | 2.78   |
| 10       | Wolverton (south)                                     | Milton Keynes 008C (all)   | 54                         | 1516                 | 594                            | 157  | 437                           | 1.06628                         | 1616       | 633             | 167                              | 466                           | 1.74   | 290  | 1326  | 2.85   |
| 11       | Greenleys   | Milton Keynes 012D (all)   | 46                         | 1746                 | 624                            | 206  | 418                           | 1.06628                         | 1862       | 665             | 220                              | 445                           | 1.74   | 382  | 1480  | 3.33   |
| 12       | Hodge Lea   | Milton Keynes 012A (all)   | 71                         | 1329                 | 577                            | 227  | 350                           | 1.02384                         | 1361       | 591             | 232                              | 359                           | 1.61   | 374  | 987   | 2.75   |
| 13       | Two Mile Ash (west)                                   | Milton Keynes 015D (all)   | 137                        | 1508                 | 587                            | 38   | 549                           | 1.02384                         | 1544       | 601             | 39                               | 562                           | 1.61   | 63   | 1481  | 2.64   |
| 14       | New Bradwell (east)                                   | Milton Keynes 006D (all)   | 59                         | 1512                 | 618                            | 210  | 408                           | 1.04129                         | 1574       | 644             | 219                              | 425                           | 1.78   | 391  | 1183  | 2.78   |
| 15       | Bradville (north)                                     | Milton Keynes 006A (all)   | 50                         | 1578                 | 588                            | 192  | 396                           | 1.08501                         | 1712       | 638             | 208                              | 430                           | 1.70   | 353  | 1359  | 3.16   |
| 10       | Bradville (south)                                     | Milton Keynes 000B (all)   | 40                         | 1390                 | 632                            | 113  | 519                           | 1.08501                         | 1/25       | 561             | 123                              | 203                           | 1.70   | 209  | 1200  | 2.09   |
| 1/       | Bancron<br>Blue Bridge                                | Milton Keynes 011C (all)   | 40                         | 13/8                 | 51/                            | 57   | 400                           | 1.08501                         | 1495       | 501             | 62                               | 499                           | 1.70   | 105  | 1390  | 2.79   |
| 10       | Steeper Pushes  | Milton Keynes 011C (all)   | /4                         | 1423                 | 400                            | 175  | 224                           | 1.00301                         | 1340       | 511             | 170                              | 222                           | 1.70   | 280  | 019   | 2.30   |
| 20       | Statey Busiles  | Milton Keynes 002C (all)   | 159                        | 1516                 | 702                            | 214  | 488                           | 1.02384                         | 1645       | 762             | 232                              | 530                           | 1.01   | 394  | 1251  | 2.11   |
| 21       | Heelands (north)                                      | Milton Keynes 0134 (all)   | 28                         | 1571                 | 637                            | 129  | 508                           | 1.06508                         | 1673       | 678             | 137                              | 541                           | 1.70   | 228  | 1445  | 2.50   |
| 22       | Heelands (south)                                      | Milton Keynes 013B (all)   | 40                         | 1503                 | 607                            | 237  | 370                           | 1.06508                         | 1601       | 647             | 252                              | 395                           | 1.67   | 420  | 1181  | 2.99   |
| 23       | Bradwell (west)                                       | Milton Keynes 011A (all)   | 46                         | 1494                 | 640                            | 121  | 519                           | 1.06508                         | 1591       | 682             | 129                              | 553                           | 1.67   | 215  | 1376  | 2.49   |
| 24       | Bradwell (southeast)                                  | Milton Keynes 011B (all)   | 41                         | 1684                 | 621                            | 75   | 546                           | 1.06508                         | 1794       | 661             | 80                               | 581                           | 1.67   | 133  | 1661  | 2.86   |
| 25       | Bradwell Common (south)                               | Milton Keynes 013D (all)   | 73                         | 1476                 | 609                            | 173  | 436                           | 1.06508                         | 1572       | 649             | 184                              | 465                           | 1.67   | 307  | 1265  | 2.72   |
| 26       | Bradwell Common (north)                               | Milton Keynes 013C (all)   | 43                         | 1661                 | 629                            | 61   | 568                           | 1.06508                         | 1769       | 670             | 65                               | 605                           | 1.67   | 108  | 1661  | 2.75   |
| 27       | Conniburrow (north)                                   | Milton Keynes 009A (all)   | 39                         | 1502                 | 591                            | 190  | 401                           | 1.14679                         | 1722       | 678             | 218                              | 460                           | 1.70   | 371  | 1351  | 2.94   |
| 28       | Conniburrow (south)                                   | Milton Keynes 014A (all)   | 25                         | 1554                 | 612                            | 233  | 379                           | 1.14679                         | 1782       | 702             | 267                              | 435                           | 1.70   | 454  | 1328  | 3.05   |
| 29       | Wymbush   | Milton Keynes 015B (all)   | 122                        | 1236                 | 632                            | 117  | 515                           | 1.02384                         | 1265       | 647             | 120                              | 527                           | 1.61   | 194  | 1071  | 2.03   |
| 30       | Two Mile Ash (east)                                   | Milton Keynes 015C (all)   | 27                         | 1292                 | 517                            | 86   | 431                           | 1.02384                         | 1323       | 529             | 88                               | 441                           | 1.61   | 142  | 1181  | 2.68   |
| 31       | Great Holm (northeast)                                | Milton Keynes 015A (all)   | 37                         | 1569                 | 533                            | 38   | 495                           | 1.05404                         | 1654       | 562             | 40                               | 522                           | 1.46   | 58   | 1596  | 3.06   |
| 32       | Great Holm (southwest)                                | Milton Keynes 020C (all)   | 27                         | 1498                 | 614                            | 93   | 521                           | 1.05404                         | 1579       | 647             | 98                               | 549                           | 1.46   | 143  | 1436  | 2.62   |
| 33       | Loughton (north)                                      | Milton Keynes 020A (all)   | 87                         | 1499                 | 604                            | 95   | 509                           | 1.05404                         | 1580       | 637             | 100                              | 537                           | 1.46   | 146  | 1434  | 2.67   |
| 34       | Crownhill   | Milton Keynes 020D (all)   | 80                         | 1510                 | 627                            | 104  | 523                           | 1.05404                         | 1592       | 661             | 110                              | 551                           | 1.46   | 161  | 1431  | 2.60   |
| 35       | Shenley Church End (west)                             | Milton Keynes 019B (all)   | 48                         | 1503                 | 622<br>520                     | 58   | 564<br>475                    | 1.74820                         | 2/52       | 108/            | 101                              | 986                           | 1.//   | 1/9  | 2553  | 2.59   |
| 27       | Loughton (south)                                      | Milton Keynes 020B (all)   | 172                        | 1519                 | 550                            | 22   | 4/5                           | 1.74820                         | 2030       | 927             | 90                               | 1000                          | 1.//   | 277  | 2460  | 2.99   |
| 37       | Shenley Lodge (north)                                 | Milton Keynes 020D (all)   | 1/2                        | 1590                 | 635                            | 89<br>82   | 572                           | 1.74620                         | 2190       | 250             | 130                              | 747                           | 1.//   | 217  | 2313  | 2.31   |
| 30       | Shenley Lodge (norm)                                  | Milton Keynes 026B (all)   | 41                         | 1636                 | 720                            | 215  | 532                           | 1 35322                         | 2080       | 001             | 201                              | 700                           | 1.83   | 203<br>53A   | 1675  | 2.31   |
| 40       | Shenley Brook End (north)                             | Milton Keynes 025B (all)   | 35                         | 1648                 | 598                            | 213  | 530                           | 1 35322                         | 2214       | 809             | 291                              | 700                           | 1.65   | 147  | 2083  | 2.40   |
| 41       | Grange Farm   | Milton Keynes 019A (all except area within zone 42)  | 394                        | 1744                 | 454                            | 86   | 368                           | 1 74820                         | 3049       | 794             | 150                              | 644                           | 1.05   | 266  | 2783  | 4 32   |
| 42       | WEA area 10.1-10.3                                    |  | 228                        | 0                    | 0                              | 0  | 0                             | 1., 1020                        | 0          | 0               | 0                                | 0                             | 1.77   | 0  | 0   | 4.52   |
| 43       | WEA area 11   |  | 124                        | 0                    | 0                              | 0  | 0                             |                                 | 0          | 0               | 0                                | 0                             |  | 0  | 0   |  |
|          | Sub-total zones 6-43                                  |  | 3,195                      | 54,831               | 21,860                         | 4,619  | 17,241                        |                                 | 64,211     | 25,407          | 5,232                            | 20,175                        |  | 8,882  | 55,329  |  |

#### (continued from opposite page. Table continues on following pages)

|          |                             |                                 |                  |                  |                                  |                               |  | 2016 fore  | ecasts  |  |  |   |                                      | _   |
|----------|-----------------------------|---------------------------------|------------------|------------------|----------------------------------|-------------------------------|--|--|---|--|--|---|--------------------------------------|---|
| Zone     | Description                 | Growth coefficient<br>2001-2016 | Population       | All Households   | Households with no<br>car or van | Households with car<br>or van | Estimated av. size of<br>non-car-owning<br>household | Estimated population<br>in non-car-owning<br>housholds | Estimated population<br>in car-owning<br>households | Estimated average<br>size of car-owning<br>household | Population density<br>(persons per<br>hectare) | Per-capita<br>convenience-goods<br>spending | Total convenience-<br>goods spending | Sources of cols 9,<br>14, 18 & 23 (see<br>end tables) |
| (1)      | (2)                         | (18)                            | (19)<br>(5)*(18) | (20)<br>(6)*(18) | (21)<br>(7)*(18)                 | (22)<br>(20)-(21)             | (23)   | (24)<br>(21)*(23)                                      | (25)<br>(19)-(24)                                   | (26)<br>(25)/(22)                                    | (27)<br>(19)/(4)                               | (28)  | (29)<br>(19)*(28)                    | (30)  |
| Sub-z    | ones within zone 1          | 1 02002                         | 210              | 101              | 20                               | 102                           | 1 (0   | 477  | 2(2   | 2.55   | 26   | C1 002                                      | 6614 720                             | ٨   |
| 1a<br>1b | Stony Stratford, old (N.E.) | 1.03093                         | 284              | 131              | 28                               | 103                           | 1.68   | 47   | 263   | 2.55   | 26   | £1,983<br>£1.983                            | £614,730<br>£563,172                 | A   |
| 10       | Stony Stratford old (N.W.)  | 1.03093                         | 204              | 128              | 33                               | 95                            | 1.68   | 56   | 186   | 1.20   | 11   | £1,983                                      | £479 886                             | A   |
| 1d       | Stony Stratford, old (S.W.) | 1.03093                         | 277              | 140              | 30                               | 110                           | 1.68   | 51   | 226   | 2.05   | 15   | £1,983                                      | £549,291                             | A   |
| 1e       | Stony Stratford, old (S.E.) | 1.03093                         | 253              | 123              | 28                               | 95                            | 1.68   | 47   | 206   | 2.17   | 42   | £1,983                                      | £501,699                             | А   |
| 1f       | Stony Stratford, old (S.)   | 1.03093                         | 280              | 132              | 20                               | 112                           | 1.68   | 34   | 246   | 2.20   | 31   | £1,983                                      | £555,240                             | А   |
| Stony    | Stratford (civil parish)    |                                 |                  |                  |                                  |                               |  |  |   |  |  |   |                                      |   |
| 1        | Stony Stratford, old town   | 1.03093                         | 1646             | 789              | 162                              | 627                           | 1.68   | 273  | 1373  | 2.19   | 23   | £1,983                                      | £3,264,018                           | Α   |
| 2        | Stony Stratford (northeast) | 1.03093                         | 1612             | 682              | 157                              | 525                           | 1.68   | 264  | 1348  | 2.57   | 24   | £1,983                                      | £3,196,596                           | Α   |
| 3        | Galley Hill                 | 1.03093                         | 1565             | 660              | 93                               | 567                           | 1.68   | 157  | 1408  | 2.48   | 35   | £1,983                                      | £3,103,395                           | Α   |
| 4        | Calverton End               | 1.03093                         | 1481             | 656              | 112                              | 544                           | 1.68   | 189  | 1292  | 2.38   | 42   | £1,983                                      | £2,936,823                           | A   |
| 5        | Fullers Slade               | 1.03093                         | 1496             | 491              | 167                              | 324                           | 1.68   | 281  | 1215  | 3.75   | 45   | £1,983                                      | £2,966,568                           | А   |
| Other    | Sub-total zones 1-5         |                                 | 7,800            | 3,270            | 691                              | 2,507                         |  | 1,164  | 0,030   |  |  |   |                                      |   |
| Other 6  | Old Wolverton & Wolv'n Mill | 1 18745                         | 1817             | 716              | 83                               | 633                           | 1.74   | 144  | 1673  | 2.64   | 5  | £1.083                                      | f3 603 111                           | в   |
| 7        | New Bradwell (west)         | 1.18745                         | 1776             | 856              | 245                              | 611                           | 1.74   | 426  | 1350  | 2.04   | 15   | £1,983                                      | £3,521,808                           | B   |
| 8        | Wolverton (northeast)       | 1 18745                         | 1971             | 785              | 196                              | 589                           | 1.74   | 341  | 1630  | 2.77   | 94   | £1,983                                      | £3 908 493                           | B   |
| 9        | Wolverton (southwest)       | 1.18745                         | 1871             | 735              | 165                              | 570                           | 1.74   | 287  | 1584  | 2.78   | 94   | £1,983                                      | £3,710,193                           | В   |
| 10       | Wolverton (south)           | 1.18745                         | 1800             | 705              | 186                              | 519                           | 1.74   | 323  | 1477  | 2.85   | 33   | £1,983                                      | £3,569,400                           | В   |
| 11       | Greenleys                   | 1.18745                         | 2073             | 741              | 245                              | 496                           | 1.74   | 426  | 1647  | 3.32   | 45   | £1,983                                      | £4,110,759                           | В   |
| 12       | Hodge Lea                   | 1.03912                         | 1381             | 600              | 236                              | 364                           | 1.61   | 381  | 1000  | 2.75   | 19   | £1,973                                      | £2,724,713                           | С   |
| 13       | Two Mile Ash (west)         | 1.03912                         | 1567             | 610              | 39                               | 571                           | 1.61   | 63   | 1504  | 2.63   | 11   | £1,959                                      | £3,069,753                           | С   |
| 14       | New Bradwell (east)         | 1.07720                         | 1629             | 666              | 226                              | 440                           | 1.78   | 403  | 1226  | 2.79   | 28   | £1,945                                      | £3,168,405                           | D   |
| 15       | Bradville (north)           | 1.09620                         | 1730             | 645              | 210                              | 435                           | 1.70   | 357  | 15/3  | 3.16   | 35   | £1,945                                      | £3,364,850                           | E   |
| 10       | Bancroft                    | 1.09620                         | 1/43             | 567              | 62                               | 505                           | 1.70   | 105  | 1352  | 2.09   | 38   | £1,945<br>£1.945                            | £3,390,133                           | E   |
| 18       | Blue Bridge                 | 1.09620                         | 1562             | 672              | 58                               | 614                           | 1.70   | 99   | 1463  | 2.38   | 21   | £1,943                                      | £3,081,826                           | E   |
| 19       | Stacey Bushes               | 1.03912                         | 1225             | 519              | 182                              | 337                           | 1.61   | 294  | 931   | 2.76   | 29   | £1,945                                      | £2,382,625                           | C   |
| 20       | Stantonbury (south)         | 1.09620                         | 1662             | 770              | 235                              | 535                           | 1.70   | 399  | 1263  | 2.36   | 10   | £1,945                                      | £3,232,590                           | Е   |
| 21       | Heelands (north)            | 1.07573                         | 1690             | 685              | 139                              | 546                           | 1.67   | 232  | 1458  | 2.67   | 60   | £1,945                                      | £3,287,050                           | F   |
| 22       | Heelands (south)            | 1.07573                         | 1617             | 653              | 255                              | 398                           | 1.67   | 425  | 1192  | 2.99   | 40   | £1,945                                      | £3,145,065                           | F   |
| 23       | Bradwell (west)             | 1.07573                         | 1607             | 688              | 130                              | 558                           | 1.67   | 217  | 1390  | 2.49   | 35   | £1,973                                      | £3,170,611                           | F   |
| 24       | Bradwell (southeast)        | 1.07573                         | 1812             | 668              | 81                               | 587                           | 1.67   | 135  | 1677  | 2.86   | 44   | £1,973                                      | £3,575,076                           | F   |
| 25       | Bradwell Common (south)     | 1.07573                         | 1588             | 635              | 180                              | 469                           | 1.67   | 310  | 1278  | 2.72   | 42   | £1,973                                      | £3,133,124                           | F   |
| 20       | Conniburrow (north)         | 1 16863                         | 1755             | 691              | 222                              | 469                           | 1.07   | 378  | 1377  | 2.74   | 42   | £1,975                                      | £3,413,475                           | G   |
| 28       | Conniburrow (south)         | 1 16863                         | 1816             | 715              | 272                              | 443                           | 1.70   | 463  | 1353  | 3.05   | 73   | £1,945                                      | £3 532 120                           | G   |
| 29       | Wymbush                     | 1.03912                         | 1284             | 657              | 122                              | 535                           | 1.61   | 197  | 1087  | 2.03   | 11   | £1,973                                      | £2,533,332                           | Č   |
| 30       | Two Mile Ash (east)         | 1.03912                         | 1343             | 537              | 89                               | 448                           | 1.61   | 144  | 1199  | 2.68   | 50   | £1,973                                      | £2,649,739                           | С   |
| 31       | Great Holm (northeast)      | 1.07077                         | 1680             | 571              | 41                               | 530                           | 1.46   | 60   | 1620  | 3.06   | 45   | £1,973                                      | £3,314,640                           | Н   |
| 32       | Great Holm (southwest)      | 1.07077                         | 1604             | 657              | 100                              | 557                           | 1.46   | 146  | 1458  | 2.62   | 59   | £1,973                                      | £3,164,692                           | Н   |
| 33       | Loughton (north)            | 1.07077                         | 1605             | 647              | 102                              | 545                           | 1.46   | 149  | 1456  | 2.67   | 18   | £1,827                                      | £2,932,335                           | Н   |
| 34       | Crownhill                   | 1.07077                         | 1617             | 671              | 111                              | 560                           | 1.46   | 162  | 1455  | 2.60   | 20   | £1,827                                      | £2,954,259                           | Н   |
| 35       | Shenley Church End (west)   | 2.19292                         | 3428             | 1364             | 127                              | 1237                          | 1.77   | 225  | 3203  | 2.59   | 71   | £1,919                                      | t0,578,332                           | I   |
| 37       | Loughton (south)            | 2.19292                         | 3500             | 1450             | 121                              | 1255                          | 1.77   | 346  | 3154  | 2.99   | 49<br>20                                       | £1,919                                      | f6 394 500                           | I   |
| 38       | Shenley Lodge (north)       | 1 48109                         | 2276             | 940              | 123                              | 817                           | 1.77   | 226  | 2050  | 2.51   | 56   | £1,027                                      | £4 367 644                           | J   |
| 39       | Shenley Lodge (south)       | 1.48109                         | 2423             | 1084             | 318                              | 766                           | 1.83   | 583  | 1840  | 2.40   | 37   | £1,919                                      | £4,649,737                           | J   |
| 40       | Shenley Brook End (north)   | 1.48109                         | 2441             | 886              | 87                               | 799                           | 1.83   | 160  | 2281  | 2.85   | 70   | £1,919                                      | £4,684,279                           | J   |
| 41       | Grange Farm                 | 2.19292                         | 3824             | 996              | 189                              | 807                           | 1.77   | 335  | 3489  | 4.32   | 10   | £1,919                                      | £7,338,256                           | I   |
| 42       | WEA area 10.1-10.3          |                                 | 950              | 380              | 80                               | 300                           | 1.68   | 135  | 815   | 2.72   | 4  | £1,973                                      | £1,874,350                           |   |
| 43       | WEA area 11                 |                                 | 2550             | 1020             | 215                              | 805                           | 1.68   | 363  | 2187  | 2.72   | 21   | £1,973                                      | £5,031,150                           |   |
|          | Sup-total zones 6-43        |                                 | 72,846           | 28,734           | 5,864                            | 22,870                        |  | 9,975  | 62,871  |  |  |   |                                      |   |

### APPENDIX 2 - POPULATION ZONES

#### SOURCE OF POPULATION FORECASTS FOR ZONES 42 & 43 (WESTERN EXPANSION AREA)

The population forecasts for 2016 (column 19) for zones 42 and 43 are the latest (March 2012) Milton Keynes Observatory population projections for WEA/SCE and WEA/Calverton respectively for that year. Total household numbers for these zones (column 20) have been estimated on the basis of an assumed average household size of 2.5 persons (the average for zones 1–41). The breakdown between carowning and non-car-owning households in these zones has been estimated using the same average household size for each category as the average for zones 1–41.

#### SOURCE OF PER-CAPITA SPENDING FORECASTS (COLUMN 28 OF TABLE)

The figures in this column are for per capita convenience-goods spending at supermarkets at 2011 price levels. They are derived from the total per capita convenience-goods spending estimates for 2016 given by the Milton Keynes Retail Capacity Update (2011) spreadsheet 2 for the area containing the zone in question. These have been reduced by 4.4% to make allowance for the proportion of the total household convenience-goods spend in the Milton Keynes area that goes to small local shops (cf. Milton Keynes Retail Capacity and Leisure Study, para. 4.6). The data for total convenience-goods spending already make allowance for 2.95% of it to be by internet (cf. Milton Keynes Retail Capacity and Leisure Study, para. 4.45).

Zones in this Assessment correspond as follows to zones in the MK Retail Capacity Study:

| CATCHMENT AREA ASSESSMENT                  | MK RETAIL CAPACITY STUDY    |
|--|-----------------------------|
| Zones 1–11                                 | Zone 7                      |
| Zones 12, 13*, 18, 23-26, 29-32, 42-43     | Zone 6                      |
| Zones 13*, 14-17, 27-28                    | Zone 5                      |
| Zones 33–34, 37                            | Zone 3                      |
| Zones 35-36, 38-41                         | Zone 2                      |
| Zones 44, 47, 50-51, 52*, 56-59            | Zone 16                     |
| Zones 45–46                                | Zone 24                     |
| Zone 48                                    | Zone 14                     |
| Zones 49, 52*, 53–55                       | Zone 15                     |
| * Zones 13 & 52 each form part of two zone | es in the MK Study. In each |
|  |                             |

case, the average of the two MK Study zones has been used.

## APPENDIX 2 - POPULATION ZONES (continued)

(table continued from previous pages)

10,787 74,699

|       |                           |  |                            |                      | 2001 (                         | census   |                               |                                 |            |                | ,                                | 2011 es                       | timates  |  | r   |  |
|-------|---------------------------|--|----------------------------|----------------------|--------------------------------|--|-------------------------------|---------------------------------|------------|----------------|----------------------------------|-------------------------------|--|--|---|--|
| Zone  | Description               | Source reference to ONS Neighbourhood Statistics geography:<br>Lower Layer Super Output Area (& Output Area) | Surface area<br>(hectares) | Population (Persons) | All Households<br>(Households) | Households with no<br>car or van<br>(households) | Households with car<br>or van | Growth coefficient<br>2001-2011 | Population | All Households | Households with no<br>car or van | Households with car<br>or van | Estimated av. size of<br>non-car-owning<br>household | Estimated population<br>in non-car-owning<br>housholds | Estimated population<br>in car-owning<br>households | Estimated average<br>size of car-owning<br>household |
| (1)   | (2)                       | (3)  | (4)                        | (5)                  | (6)                            | (7)  | (8)                           | (9)                             | (10)       | (11)           | (12)                             | (13)                          | (14)   | (15)   | (16)  | (17)   |
| Dural |                           |  |                            |                      |                                |  | (0)-(7)                       |                                 | (3) (9)    | (0) (9)        | (7) (9)                          | (11)-(12)                     |  | (12) (14)  | (10)-(13)   | (10)/(13)  |
| Rurai | Calvartan                 | Milton Kourses 010D (00MCNIW0024 only loss area within zones 42 & 42)  | 550                        | 177                  | 77                             | 10   | 67                            | 1 60191                         | 200        | 120            | 17                               | 112                           | 1.42   | 24   | 275   | 2 42   |
| 44    | Whaddon                   | A vleshury Vale 003A (11UBHE0008 only)   | 1026                       | 177                  | 170                            | 18   | 161                           | 1.09181                         | 430        | 130            | 18                               | 162                           | 1.45   | 24   | 407   | 2.43   |
| 46    | Nash                      | Aylesbury Vale 003A (11UBHF0005 only)  | 502                        | 425                  | 149                            | 12   | 137                           | 1.00356                         | 427        | 150            | 12                               | 138                           | 1.29   | 16   | 411   | 2.91   |
| 47    | Beachampton               | Aylesbury Vale 001E (11UBHK0003 only)  | 619                        | 147                  | 59                             | 4  | 55                            | 1.06907                         | 157        | 63             | 4                                | 59                            | 1.31   | 5  | 152   | 2.58   |
| 48    | Thornton                  | Aylesbury Vale 001E (11UBHK0012 only)  | 839                        | 198                  | 57                             | 0  | 57                            | 1.06907                         | 212        | 61             | 0                                | 61                            | _  | 0  | 212   | 3.48   |
| 49    | Leckhampstead             | Aylesbury Vale 001E (11UBHK0004 only)  | 1040                       | 186                  | 76                             | 4  | 72                            | 1.06907                         | 199        | 81             | 4                                | 77                            | 1.31   | 5  | 194   | 2.52   |
| 50    | Wicken                    | S. Northants 008B (34UGGX0010 only)  | 939                        | 299                  | 129                            | 17   | 112                           | 1.25788                         | 376        | 162            | 21                               | 141                           | 1.31   | 27   | 349   | 2.48   |
| 51    | Deanshanger               | S. Northants 008C (all) & 008B (34UGGX0003, 0005 & 0008 only)  | 344                        | 2563                 | 955                            | 109  | 846                           | 1.25788                         | 3224       | 1201           | 137                              | 1064                          | 1.38   | 190  | 3034  | 2.85   |
| 52    | Puxley                    | S. Northants 008B (34UGGX0006 only)  | 584                        | 337                  | 122                            | 6  | 116                           | 1.25788                         | 424        | 153            | 8                                | 145                           | 1.38   | 11   | 413   | 2.85   |
| 53    | Potterspury               | S. Northants 008D (all except 34UGHR0006 & 0007)   | 949                        | 1394                 | 588                            | 73   | 515                           | 1.25788                         | 1753       | 740            | 92                               | 648                           | 1.35   | 124  | 1629  | 2.51   |
| 54    | Yardley Gobion            | S. Northants 003D (34UGGZ0003, 0004, 0005 & 0006 only)   | 550                        | 1329                 | 500                            | 44   | 456                           | 1.56953                         | 2086       | 785            | 69                               | 716                           | 1.44   | 99   | 1987  | 2.78   |
| 55    | Grafton Regis             | S. Northants 003D (34UGGZ0002 only)  | 929                        | 248                  | 97                             | 7  | 90                            | 1.56953                         | 389        | 152            | 11                               | 141                           | 1.29   | 14   | 375   | 2.66   |
| 56    | Cosgrove                  | S. Northants 008A (34UGGT0001 & 0002 only)   | 688                        | 480                  | 206                            | 23   | 183                           | 1.25788                         | 604        | 259            | 29                               | 230                           | 1.35   | 39   | 565   | 2.46   |
| 57    | Old Stratford & Passenham | S. Northants 008A(34UGGT0003, 0004, 0005, 0006 & 0007 only)  | 434                        | 1544                 | 642                            | 71   | 571                           | 1.25788                         | 1942       | 808            | 89                               | 719                           | 1.45   | 129  | 1813  | 2.52   |
| 58    | Castlethorpe (southwest)  | Milton Keynes 002B (00MGNK0001 only)   | 72                         | 311                  | 135                            | 19   | 116                           | 1.03306                         | 321        | 139            | 20                               | 119                           | 1.41   | 28   | 293   | 2.46   |
| 59    | Haversham (southwest)     | Milton Keynes 002B (00MGNK0012 & 0013 only)  | 82                         | 552                  | 227                            | 28   | 199                           | 1.86800                         | 1031       | 424            | 52                               | 372                           | 1.29   | 67   | 964   | 2.59   |
|       | Sub-total zones 44-59     |  | 10,147                     | 10,618               | 4,198                          | 445  | 3,753                         |                                 | 13,874     | 5,488          | 583                              | 4,905                         |  | 801  | 13,073  |  |
|       |                           |  |                            |                      |                                |  |                               |                                 |            |                |                                  |                               |  |  |   |  |

#### TOTAL ZONES 1-59

## 13,593 73,016 29,237 5,734 23,503

85,486 34,004 6,471 27,533

#### Sources of population growth coefficients 2001-2011 & 2001-2016 (COLUMNS 9 AND 18 OF TABLE ABOVE)

| Reference in<br>column 30 | Source | MK civil parish                 | ONS Lower Layer<br>Super Output Area | 2001 census | MKO 2011<br>estimate | MKO 2016<br>forecast | ONS 2010<br>estimate | 2011<br>extrapolation | 2016<br>extrapolation | Coefficient<br>2001-2011 |   |
|---------------------------|--------|---------------------------------|--------------------------------------|-------------|----------------------|----------------------|----------------------|-----------------------|-----------------------|--------------------------|---|
| А                         | MKO    | Stony Stratford CP              |                                      | 7566        | 7400                 | 7800                 |                      |                       |                       | 0.97806                  | 1 |
| В                         | MKO    | Wolverton & Greenleys CP        |                                      | 8253        | 8800                 | 9800                 |                      |                       |                       | 1.06628                  | 1 |
| С                         | MKO    | Bradwell Abbey CP               |                                      | 6544        | 6700                 | 6800                 |                      |                       |                       | 1.02384                  | 1 |
| D                         | MKO    | New Bradwell CP                 |                                      | 2785        | 2900                 | 3000                 |                      |                       |                       | 1.04129                  | 1 |
| Е                         | MKO    | Stantonbury CP                  |                                      | 8940        | 9700                 | 9800                 |                      |                       |                       | 1.08501                  | 1 |
| F                         | MKO    | Bradwell CP                     |                                      | 9389        | 10000                | 10100                |                      |                       |                       | 1.06508                  | 1 |
| G                         | MKO    | Great Linford CP                |                                      | 18312       | 21000                | 21400                |                      |                       |                       | 1.14679                  | 1 |
| Н                         | MKO    | Loughton CP                     |                                      | 5977        | 6300                 | 6400                 |                      |                       |                       | 1.05404                  |   |
| Ι                         | MKO    | Shenley Church End CP           |                                      | 6521        | 11400                | 14300                |                      |                       |                       | 1.74820                  |   |
| J                         | MKO    | Shenley Brook End CP            |                                      | 18770       | 25400                | 27800                |                      |                       |                       | 1.35322                  |   |
| K                         | ONS    |                                 | Milton Keynes 019                    | 6440        |                      |                      | 10508                | 10895                 | 13837                 | 1.69181                  |   |
| L                         | ONS    |                                 | Aylesbury Vale 003                   | 5259        |                      |                      | 5276                 | 5278                  | 5286                  | 1.00356                  |   |
| М                         | ONS    |                                 | Aylesbury Vale 003                   | 5259        |                      |                      | 5276                 | 5278                  | 5286                  | 1.00356                  |   |
| Ν                         | ONS    |                                 | Aylesbury Vale 001                   | 8281        |                      |                      | 8801                 | 8853                  | 9126                  | 1.06907                  |   |
| 0                         | ONS    |                                 | Aylesbury Vale 001                   | 8281        |                      |                      | 8801                 | 8853                  | 9126                  | 1.06907                  |   |
| Р                         | ONS    |                                 | Aylesbury Vale 001                   | 8281        |                      |                      | 8801                 | 8853                  | 9126                  | 1.06907                  |   |
| Q                         | ONS    |                                 | South Northants 008                  | 7199        |                      |                      | 8888                 | 9055                  | 10051                 | 1.25788                  |   |
| R                         | ONS    |                                 | South Northants 008                  | 7199        |                      |                      | 8888                 | 9055                  | 10051                 | 1.25788                  |   |
| S                         | ONS    |                                 | South Northants 008                  | 7199        |                      |                      | 8888                 | 9055                  | 10051                 | 1.25788                  |   |
| Т                         | ONS    |                                 | South Northants 003                  | 8949        |                      |                      | 13597                | 14046                 | 17240                 | 1.56953                  |   |
| U                         | ONS    |                                 | South Northants 003                  | 8949        |                      |                      | 13597                | 14046                 | 17240                 | 1.56953                  |   |
| V                         | ONS    |                                 | South Northants 008                  | 7199        |                      |                      | 8888                 | 9055                  | 10051                 | 1.25788                  |   |
| W                         | ONS    |                                 | South Northants 008                  | 7199        |                      |                      | 8888                 | 9055                  | 10051                 | 1.25788                  |   |
| Х                         | MKO    | Castlethorpe CP                 |                                      | 968         | 1000                 | 1100                 |                      |                       |                       | 1.03306                  |   |
| Y                         | MKO    | Haversham-cum-Little Linford CP |                                      | 803         | 1500                 | 2500                 |                      |                       |                       | 1.86800                  |   |

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## APPENDIX 2 - POPULATION ZONES (continued)

|       |                           |                                 |                  |                  |                                  |                               |  | 2016 fore  | casts   |  |   |   |                                      | 8   |
|-------|---------------------------|---------------------------------|------------------|------------------|----------------------------------|-------------------------------|--|--|---|--|---|---|--------------------------------------|---|
| Zone  | Description               | Growth coefficient<br>2001-2016 | Population       | All Households   | Households with no<br>car or van | Households with car<br>or van | Estimated av. size of<br>non-car-owning<br>household | Estimated population<br>in non-car-owning<br>housholds | Estimated population<br>in car-owning<br>households | Estimated average<br>size of car-owning<br>household | Population density<br>(persons per hectare) | Per-capita<br>convenience-goods<br>spending | Total convenience-<br>goods spending | Sources of cols 9, 14, 1<br>& 23 (see end tables) |
| (1)   | (2)                       | (18)                            | (19)<br>(5)*(18) | (20)<br>(6)*(18) | (21)<br>(7)*(18)                 | (22)<br>(20)-(21)             | (23)   | (24)<br>(21)*(23)                                      | (25)<br>(19)-(24)                                   | (26)<br>(25)/(22)                                    | (27)<br>(19)/(4)                            | (28)  | (29)<br>(19)*(28)                    | (30)  |
| Rural |                           |                                 |                  |                  |                                  |                               |  |  |   |  |   |   |                                      |   |
| 44    | Calverton                 | 2.14856                         | 380              | 165              | 21                               | 144                           | 1.43   | 30   | 350   | 2.43   | 1   | £1,865                                      | £708,700                             | K   |
| 45    | Whaddon                   | 1.00518                         | 430              | 180              | 18                               | 162                           | 1.29   | 23   | 407   | 2.51   | 0   | £1,898                                      | £816,140                             | L   |
| 46    | Nash                      | 1.00518                         | 427              | 150              | 12                               | 138                           | 1.29   | 16   | 411   | 2.98   | 1   | £1,898                                      | £810,446                             | M   |
| 47    | Beachampton               | 1.10202                         | 162              | 65               | 4                                | 61                            | 1.31   | 5  | 157   | 2.57   | 0   | £1,865                                      | £302,130                             | N   |
| 48    | Thornton                  | 1.10202                         | 218              | 63               | 0                                | 63                            |  | 0  | 218   | 3.46   | 0   | £1,939                                      | £422,702                             | 0   |
| 49    | Leckhampstead             | 1.10202                         | 205              | 84               | 4                                | 80                            | 1.31   | 5  | 200   | 2.50   | 0   | £1,836                                      | £376,380                             | Р   |
| 50    | Wicken                    | 1.39614                         | 417              | 180              | 24                               | 156                           | 1.31   | 31   | 386   | 2.47   | 0   | £1,865                                      | £777,705                             | Q   |
| 51    | Deansnanger               | 1.39014                         | 3578             | 1333             | 152                              | 1181                          | 1.38   | 210  | 3308  | 2.85   | 10  | £1,805                                      | £0,072,970                           | R   |
| 52    | Puxley                    | 1.39014                         | 4/0              | 821              | 102                              | 710                           | 1.38   | 11   | 1808  | 2.85   | 1   | £1,851<br>£1,826                            | £809,970                             | R   |
| 54    | Vardlay Cobion            | 1.02644                         | 2560             | 062              | 85                               | 979                           | 1.55   | 130  | 2428  | 2.31   | 2   | £1,850                                      | £3,372,850                           | т   |
| 55    | Grafton Regis             | 1.92044                         | 478              | 187              | 13                               | 174                           | 1.44   | 122  | 461   | 2.78   | 1   | £1,836                                      | £877.608                             | I   |
| 56    | Cosgrove                  | 1 39614                         | 670              | 288              | 32                               | 256                           | 1.35   | 43   | 627   | 2.05   | 1   | £1,865                                      | £1 249 550                           | v   |
| 57    | Old Stratford & Passenham | 1 39614                         | 2156             | 896              | 99                               | 797                           | 1.35   | 143  | 2013  | 2.53   | 5   | £1.865                                      | £4 020 940                           | w   |
| 58    | Castlethorpe (southwest)  | 1.13636                         | 353              | 153              | 22                               | 131                           | 1.41   | 31   | 322   | 2.46   | 5   | £1,865                                      | £658,345                             | X   |
| 59    | Haversham (southwest)     | 3.11333                         | 1719             | 707              | 87                               | 620                           | 1.29   | 112  | 1607  | 2.59   | 21  | £1,865                                      | £3,205,935                           | Y   |
|       | Sub-total zones 44-59     |                                 | 16,169           | 6,405            | 683                              | 5,722                         |  | 937  | 15,232  |  |   | ,   | . ,                                  |   |

**TOTAL ZONES 1-59** 

(table continued from previous pages)

96,815 38,417 7,238 31,179

12,076 84,739

ESTIMATION OF AVERAGE SIZE OF NON-CAR-OWNING HOUSEHOLDS (COLUMNS 14 AND 23 OF TABLE ABOVE)

| -                         |                                 |  | 2001 ce   | ensus                        |                                 | E  | Estimated po  | pulation in                     | :                             |  |
|---------------------------|---------------------------------|--|---|------------------------------|---------------------------------|--|---|---------------------------------|-------------------------------|--|
| Reference in columr<br>30 | MK civil parish                 | All-pensioner<br>households<br>without car | One-family<br>households with<br>children, without<br>car | Other households without car | Total households<br>without car | All-pensioner<br>households<br>without car | One-family<br>households with<br>children, without<br>car | Other households<br>without car | All households<br>without car | Estimated average size of households without car |
| А                         | Stony Stratford CP              | 333  | 138   | 199                          | 670                             | 416  | 414   | 299                             | 1129                          | 1.68   |
| В                         | Wolverton and Greenleys CP      | 336  | 182   | 277                          | 795                             | 420  | 546   | 416                             | 1382                          | 1.74   |
| С                         | Bradwell Abbey CP               | 223  | 86  | 334                          | 643                             | 279  | 258   | 501                             | 1038                          | 1.61   |
| D                         | New Bradwell CP                 | 134  | 90  | 134                          | 358                             | 168  | 270   | 201                             | 639                           | 1.78   |
| Е                         | Stantonbury CP                  | 300  | 143   | 260                          | 703                             | 375  | 429   | 390                             | 1194                          | 1.70   |
| F                         | Bradwell CP                     | 371  | 150   | 275                          | 796                             | 464  | 450   | 413                             | 1326                          | 1.67   |
| G                         | Great Linford CP                | 644  | 299   | 479                          | 1422                            | 805  | 897   | 719                             | 2421                          | 1.70   |
| Н                         | Loughton CP                     | 189  | 24  | 81                           | 294                             | 236  | 72  | 122                             | 430                           | 1.46   |
| Ι                         | Shenley Church End CP           | 107  | 77  | 140                          | 324                             | 134  | 231   | 210                             | 575                           | 1.77   |
| J                         | Shenley Brook End CP            | 322  | 268   | 371                          | 961                             | 403  | 804   | 557                             | 1763                          | 1.83   |
| K                         | Calverton CP                    | 9  | 1   | 0                            | 10                              | 11   | 3   | 0                               | 14                            | 1.43   |
| L                         | Whaddon CP                      | 15   | 0   | 3                            | 18                              | 19   | 0   | 5                               | 23                            | 1.29   |
| М                         | Nash CP                         | 10   | 0   | 2                            | 12                              | 13   | 0   | 3                               | 16                            | 1.29   |
| Ν                         | Beachampton CP                  | 3  | 0   | 1                            | 4                               | 4  | 0   | 2                               | 5                             | 1.31   |
| 0                         | Thornton CP                     | 0  | 0   | 0                            | 0                               | 0  | 0   | 0                               | 0                             |  |
| Р                         | Leckhampstead CP                | 3  | 0   | 1                            | 4                               | 4  | 0   | 2                               | 5                             | 1.31   |
| Q                         | Wicken CP                       | 13   | 0   | 4                            | 17                              | 16   | 0   | 6                               | 22                            | 1.31   |
| R                         | Deanshanger CP                  | 90   | 6   | 21                           | 117                             | 113  | 18  | 32                              | 162                           | 1.38   |
| S                         | Potterspury CP                  | 61   | 3   | 9                            | 73                              | 76   | 9   | 14                              | 99                            | 1.35   |
| Т                         | Yardley Gobion CP               | 29   | 3   | 12                           | 44                              | 36   | 9   | 18                              | 63                            | 1.44   |
| U                         | Grafton Regis CP                | 6  | 0   | 1                            | 7                               | 8  | 0   | 2                               | 9                             | 1.29   |
| V                         | Cosgrove CP                     | 14   | 0   | 9                            | 23                              | 18   | 0   | 14                              | 31                            | 1.35   |
| W                         | Old Stratford CP                | 45   | 5   | 21                           | 71                              | 56   | 15  | 32                              | 103                           | 1.45   |
| Х                         | Castlethorpe CP                 | 33   | 3   | 6                            | 42                              | 41   | 9   | 9                               | 59                            | 1.41   |
| Y                         | Haversham-cum-Little Linford CP | 30   | 0   | 5                            | 35                              | 38   | 0   | 8                               | 45                            | 1.29   |

#### Notes to table at left

The estimated average size of non-car-owning household in each civil parish is based on separate estimates of the population living in each type of non-car-owning household in that parish:

- All-pensioner households (lone pensioners and all-pensioner couples, and predominantly the former): number of such households in the 2001 census x 1.25
- b One-family households (single parents and couples) with children: number of such households in the 2001 census x 3.0
- c Other households (single people and couples without children): number of such households in the 2001 census x 1.5

Average size of households without car = a + b + c / total number of households without car.

## APPENDIX 3 - SUPERMARKETS WITHIN AND AROUND THE STUDY AREA

| Ref. to<br>Fig. 3 | Operator        | Address  | Net co<br>sale | nvenience-<br>s area (sq. | goods<br>m.)   |                               | Mai                | n characteris | tics     |  | Notes |
|-------------------|-----------------|--|----------------|---------------------------|----------------|-------------------------------|--------------------|---------------|----------|--|-------|
|                   |                 |  | Existing       | Approved                  | Applied<br>for | Petrol<br>filling-<br>station | 24-hour<br>opening | Pharmacy      | Optician | Substantial<br>offer of<br>comparison<br>goods |       |
|                   |                 |  |                |                           |                |                               |                    |               |          |  |       |
| CC                | Budgens         | Cofferidge Close, Stony Stratford, MK11 1BY                    | 574            |                           | 1,487          | -                             | -                  | -             | -        | -  | А     |
| 1                 | Tesco           | McConnell Drive, Wolverton, MK12 5RJ                           | 3,159          | 5,116                     |                | ✓                             | ✓                  | -             | —        | ✓  | В     |
| 2                 | Asda            | 1-2 Glyn Square, Wolverton, MK12 5JQ                           | 499            |                           |                | -                             | -                  | -             | -        | ✓  | С     |
| 3                 | [?]             | [Western Expansion Area]                                       | -              | 4,000                     |                | 1                             | [?]                | [?]           | [?]      | [?]  | D     |
| 4a                | Sainsbury       | 1 Benbow Court, Shenley Church End, MK5 6JG                    | 276            |                           |                | -                             | -                  | -             | -        | -  | E     |
| 4b                | Sainsbury       | 2 Engaine Drive, Shenley Church End, MK5 6JU                   | -              | 1,801                     |                | -                             | -                  | -             | -        | -  | E     |
| 5                 | Aldi            | 1 Bradwell Common Boulevard, Bradwell Common, MK13 8BF         | 650            |                           |                | -                             | -                  | -             | -        | -  | F     |
| 6                 | Marks & Spencer | 2 Sunset Walk, Saxon Gate East, Central Milton Keynes, MK9 3PD | 2,070          |                           |                | -                             | -                  | -             | -        | 1  | С     |
| 7                 | Sainsbury       | 799 Witan Gate, Central Milton Keynes, MK9 2FW                 | 5,120          |                           |                | -                             | -                  | √             | -        | -  | С     |
| 8                 | Waitrose        | 728 Midsummer Boulevard, Central Milton Keynes, MK9 3NJ        | 1,626          |                           |                | -                             | -                  | -             | -        | -  | G     |
| 9                 | Lidl            | Oldbrook Boulevard, Oldbrook, MK6 2YA                          | 659            |                           |                | -                             | -                  | -             | -        | -  | С     |
| 10                | Asda            | Bletcham Way, Denbigh, MK1 1QB                                 | 5,442          |                           |                | 1                             | √                  | ✓             | √        | 1  | С     |
| 11                | Tesco           | Watling Street, Bletchley, MK1 1DD                             | 2,649          |                           |                | 1                             | ✓                  | √             | √        | √  | С     |
| 12                | Sainsbury       | Brunel Centre, Bletchley, MK2 2JS                              | 1,388          |                           |                | -                             | -                  | -             | -        | -  | С     |
| 13                | Morrison        | 4 Barnsdale Drive, Westcroft, MK4 4DD                          | 3,689          |                           |                | 1                             | -                  | -             | _        | _  | С     |
| 14                | Waitrose        | Meadow Walk, High Street, Buckingham, ML18 1RS                 | 920            |                           |                | -                             | -                  | -             | -        | -  | Н     |
| 15                | Tesco           | London Road, Buckingham, MK18 1AB                              | 3,000          |                           |                | 1                             | √                  | √             | _        | ✓  | 1     |
| 16                | Waitrose        | Water Lane, Towcester, NN12 6HZ                                | 2,040          |                           |                | -                             | -                  | -             | -        | -  | J     |
| 17                | Tesco           | Tickford Street, Newport Pagnell                               | -              | 1,767                     |                | -                             | -                  | -             | _        | _  | К     |
| 18                | Marks & Spencer | 1b Winchester Circle, Kingston, MK10 0BA                       | 2,000          |                           |                | -                             | -                  | -             | -        | √  | L     |
| 19                | Tesco           | 1 Winchester Circle, Kingston, MK10 0AH                        | 4,715          |                           |                | 1                             | ✓                  | ✓             | √        | 1  | С     |

#### Notes to Appendix 3

- A Existing net convenience-goods sales area estimated as 95% of net sales area (604 sq. m. source: Budgens). Applied-for net convenience-goods sales area estimated as 95% of net sales area applied for (1,565 sq. m. source: planning application).
- B Existing net convenience-goods sales area as stated in Milton Keynes Retail Capacity and Leisure Study, page 93. Approved net convenience-goods sales area as stated in Milton Keynes Council Retail Capacity Update, page 9.
- C Existing net convenience-goods sales area as stated in Milton Keynes Retail Capacity and Leisure Study, page 93.
- D Net convenience-goods sales area increased to 4,000 sq. m. by decision of 6/2/2012 in planning application 11/01685/MKPCO (from 1,950 sq. m. originally planned).
- E Line 4a: existing net convenience-goods sales area estimated as 90% of total sales area (2,001 sq. m. source: planning application). Line 4b: approved net convenience-goods sales area estimated as 90% of total sales area (2,001 sq. m. source: planning application). When built, the store in line 4b will replace the store in line 4a.
- F Existing net convenience-goods sales area estimated as 68% of net sales area (960 sq.m. source: Aldi).
- G Existing net convenience-goods sales area estimated as 100% of net sales area (2,040 sq.m. source: Waitrose).
- H Existing net convenience-goods sales area estimated as 100% of net sales area (920 sq.m. source: Waitrose).
- Existing net convenience-goods sales area as stated in Aylesbury Vale Retail Capacity Study, Appendix 2, Table 10.
- J Existing net convenience-goods sales area estimated as 100% of net sales area (2,040 sq.m. source: Waitrose).
- K Approved net convenience-goods sales area as stated in Milton Keynes Retail Capacity and Leisure Study, page 93.
- L Existing net convenience-goods sales area estimated.

## APPENDIX 4 – DRIVING-TIMES

| Zone | Reference point | Cofferidge Cl.<br>Stony Stratford<br>MK11 1BY | Tesco<br>Wolverton<br>MK12 5RJ | Asda<br>Wolverton<br>MK12 5JQ | WEA Zone 10 | Sainsbury<br>Shenley Ch.<br>End<br>MK5 6JG/6JU | Aldi<br>Bradwell<br>Common<br>MK13 8BF | Marks &<br>Spencer<br>CMK<br>MK9 3PD | Sainsbury<br>CMK<br>MK9 2FW | Waitrose<br>CMK<br>MK9 3NJ | Lidl<br>Oldbrook<br>MK6 2YA | Asda<br>Denbigh<br>MK1 1QB | Tesco<br>Bletchley<br>MK1 1DD | Sainsbury<br>Bletchley<br>MK2 2JS | Morrisons<br>Westcroft<br>MK4 4DD | Waitrose<br>Buckingham<br>MK18 1RS | Tesco<br>Buckingham<br>MK18 1AB | Waitrose<br>Towcester<br>NN12 6HZ | Tesco<br>Newport Pagnell<br>MK16 9AW | Marks &<br>Spencer<br>Kingston<br>MK10 0BA | Tesco<br>Kingston<br>MK10 0AH |
|------|-----------------|---|--------------------------------|-------------------------------|-------------|--|--|--------------------------------------|-----------------------------|----------------------------|-----------------------------|----------------------------|-------------------------------|-----------------------------------|-----------------------------------|------------------------------------|---------------------------------|-----------------------------------|--------------------------------------|--|-------------------------------|
| 1a   | MK11 1HT        | 3   | 5                              | 7                             | 8           | 9  | 10                                     | 11                                   | 11                          | 12                         | 12                          | 12                         | 13                            | 16                                | 14                                | 15                                 | 15                              | 15                                | 14                                   | 16   | 16                            |
| 1b   | MK11 1FB        | 3   | 4                              | ,<br>6                        | 7           | 8  | 9                                      | 10                                   | 10                          | 11                         | 11                          | 11                         | 12                            | 15                                | 13                                | 15                                 | 16                              | 15                                | 13                                   | 15   | 15                            |
| 10   | MK11 1AT        | 2   | 6                              | 0                             | ,           | 0  | 11                                     | 10                                   | 11                          | 12                         | 12                          | 12                         | 12                            | 16                                | 14                                | 14                                 | 15                              | 14                                | 15                                   | 16   | 16                            |
| 11   | MKII IAI        | 2   | 0                              | 8                             | 8           | 9  | 11                                     | 12                                   | 11                          | 12                         | 13                          | 12                         | 13                            | 10                                | 14                                | 14                                 | 15                              | 14                                | 15                                   | 10   | 10                            |
| 10   | MK11 1BL        | 2   | /                              | 8                             | 8           | 9  | 11                                     | 13                                   | 13                          | 13                         | 12                          | 13                         | 15                            | 17                                | 14                                | 16                                 | 16                              | 16                                | 15                                   | 17   | 17                            |
| 1e   | MK11 1JF        | 2   | 5                              | 6                             | 6           | 7  | 9                                      | 11                                   | 10                          | 11                         | 10                          | 11                         | 12                            | 15                                | 12                                | 15                                 | 16                              | 15                                | 13                                   | 15   | 15                            |
| 1f   | MK11 1LT        | 2   | 6                              | 7                             | 6           | 8  | 9                                      | 11                                   | 11                          | 11                         | 11                          | 12                         | 13                            | 15                                | 12                                | 16                                 | 17                              | 16                                | 14                                   | 15   | 16                            |
| 2    | MK11 1DJ        | 4   | 4                              | 5                             | 7           | 8  | 9                                      | 10                                   | 10                          | 11                         | 11                          | 11                         | 12                            | 15                                | 13                                | 15                                 | 16                              | 15                                | 13                                   | 15   | 15                            |
| 3    | MK11 1NZ        | 4   | 5                              | 6                             | 5           | 6  | 8                                      | 10                                   | 10                          | 10                         | 9                           | 11                         | 12                            | 14                                | 11                                | 16                                 | 16                              | 16                                | 13                                   | 14   | 14                            |
| 4    | MK11 1ET        | 2   | 6                              | 7                             | 6           | 8  | 9                                      | 11                                   | 11                          | 12                         | 11                          | 12                         | 13                            | 16                                | 13                                | 15                                 | 16                              | 17                                | 14                                   | 15   | 16                            |
| 5    | MK11 2BB        | 5   | 6                              | 5                             | 5           | 6  | 8                                      | 9                                    | 9                           | 9                          | 9                           | 10                         | 11                            | 13                                | 11                                | 17                                 | 18                              | 17                                | 12                                   | 13   | 14                            |
| 6    | MK12 5PE        | 6   | 2                              | 4                             | 7           | 8  | 8                                      | 9                                    | 9                           | 10                         | 11                          | 10                         | 11                            | 13                                | 13                                | 16                                 | 17                              | 16                                | 12                                   | 13   | 14                            |
| 7    | MK13 0BE        | 10  | 3                              | 3                             | 8           | 9  | 6                                      | 8                                    | 8                           | 9                          | 10                          | 11                         | 12                            | 15                                | 14                                | 20                                 | 20                              | 20                                | 10                                   | 13   | 13                            |
| 8    | MK12 5DO        | 8   | 2                              | 2                             | 0           | 10   | 8                                      | 10                                   | 10                          | 10                         | 12                          | 11                         | 12                            | 15                                | 15                                | 18                                 | 10                              | 18                                | 12                                   | 15   | 14                            |
| 0    | MK12 50Q        | 7   | 2                              | 2                             | 9           | 10   | 8                                      | 10                                   | 10                          | 10                         | 12                          | 11                         | 12                            | 15                                | 15                                | 10                                 | 19                              | 17                                | 12                                   | 14   | 15                            |
| 10   | MK12 EDT        | ,   | 2                              | 2                             | 7           | 9  | 0                                      | 10                                   | 10                          | 11                         | 10                          | 11                         | 12                            | 13                                | 13                                | 10                                 | 10                              | 10                                | 12                                   | 17   | 13                            |
| 10   | MK12 JDT        | 8   | 3                              | 3                             | ,           | 8  | 8                                      | 9                                    | 9                           | 9                          | 10                          | 9                          | 10                            | 13                                | 13                                | 10                                 | 19                              | 10                                | 11                                   | 13   | 13                            |
| 11   | MK12 6AW        | 6   | 5                              | 4                             | 5           | 6  | /                                      | 8                                    | 8                           | 8                          | 9                           | 9                          | 10                            | 12                                | 11                                | 17                                 | 18                              | 17                                | 11                                   | 12   | 12                            |
| 12   | MK12 6JF        | /   | 6                              | 5                             | 6           | /  | /                                      | 8                                    | 8                           | 8                          | 10                          | 9                          | 10                            | 12                                | 12                                | 17                                 | 18                              | 1/                                | 11                                   | 12   | 12                            |
| 13   | MK8 8DT         | 7   | 7                              | 7                             | 3           | 4  | 6                                      | 8                                    | 7                           | 8                          | 7                           | 9                          | 9                             | 12                                | 9                                 | 17                                 | 18                              | 17                                | 11                                   | 12   | 12                            |
| 14   | MK13 0ES        | 11  | 4                              | 4                             | 8           | 9  | 6                                      | 8                                    | 9                           | 8                          | 10                          | 11                         | 12                            | 15                                | 14                                | 20                                 | 21                              | 20                                | 10                                   | 13   | 12                            |
| 15   | MK13 7DB        | 11  | 6                              | 6                             | 7           | 8  | 6                                      | 6                                    | 7                           | 6                          | 9                           | 10                         | 11                            | 14                                | 13                                | 19                                 | 20                              | 19                                | 8                                    | 11   | 10                            |
| 16   | MK13 7AY        | 11  | 6                              | 6                             | 7           | 8  | 5                                      | 5                                    | 6                           | 6                          | 8                           | 10                         | 11                            | 13                                | 13                                | 19                                 | 19                              | 18                                | 7                                    | 10   | 10                            |
| 17   | MK13 7JN        | 9   | 4                              | 4                             | 6           | 7  | 4                                      | 6                                    | 7                           | 7                          | 8                           | 9                          | 10                            | 13                                | 12                                | 18                                 | 19                              | 18                                | 8                                    | 11   | 11                            |
| 18   | MK13 0LB        | 7   | 3                              | 4                             | 6           | 7  | 4                                      | 6                                    | 7                           | 7                          | 8                           | 9                          | 10                            | 13                                | 12                                | 17                                 | 18                              | 17                                | 8                                    | 11   | 11                            |
| 19   | MK12 6HA        | 7   | 4                              | 4                             | 6           | 7  | 6                                      | 8                                    | 7                           | 8                          | 9                           | 8                          | 9                             | 12                                | 12                                | 17                                 | 18                              | 17                                | 10                                   | 12   | 12                            |
| 20   | MK14 6AS        | 10  | 5                              | 7                             | 6           | 8  | 5                                      | 5                                    | 6                           | 5                          | 8                           | 9                          | 11                            | 13                                | 13                                | 18                                 | 19                              | 18                                | 7                                    | 10   | 9                             |
| 21   | MK13 7NB        | 11  | 6                              | 6                             | 7           | 8  | 5                                      | 5                                    | 6                           | 5                          | 8                           | 9                          | 10                            | 13                                | 13                                | 19                                 | 19                              | 18                                | 7                                    | 10   | 9                             |
| 22   | MK13 705        | 10  | 5                              | 6                             |             | 5  | 3                                      | 4                                    | 5                           | 5                          | 6                           | 8                          | 0                             | 12                                | 10                                | 19                                 | 10                              | 18                                | ,                                    | 10   | 9                             |
| 22   | MK13 QHU        | 10  | 5                              | 6                             | 4           | 7  | 5                                      | 7                                    | 7                           | 7                          | 0                           | 0                          | 11                            | 12                                | 10                                | 10                                 | 19                              | 10                                | 9                                    | 10   | 12                            |
| 2.5  | MK12 OPD        | 10  | 6                              | 6                             | -           | ,  | 1                                      | ,                                    | ,<br>c                      | ,                          | 9                           | 9                          | 10                            | 13                                | 12                                | 10                                 | 19                              | 10                                | 9                                    | 11   | 10                            |
| 24   | MK13 9DD        | 10  | 8                              | 6                             | 5           | 6  | 4                                      | 0                                    | 0                           | 6                          | 6                           | 9                          | 10                            | 13                                | 10                                | 19                                 | 19                              | 10                                | 9                                    | 11   | 10                            |
| 25   | MK13 8BN        | 11  | /                              | 5                             | 6           | 5  | 2                                      | 3                                    | 3                           | 4                          | 6                           | /                          | 9                             | 11                                | 10                                | 18                                 | 19                              | 18                                | 8                                    | 8  | 8                             |
| 26   | MK13 8DN        | 10  | 6                              | 6                             | 5           | 6  | 2                                      | 4                                    | 4                           | 5                          | 6                           | 8                          | 10                            | 12                                | 11                                | 18                                 | 19                              | 18                                | 8                                    | 9  | 9                             |
| 27   | MK14 7DY        | 11  | 6                              | 6                             | 5           | 6  | 4                                      | 3                                    | 4                           | 4                          | 7                           | 8                          | 9                             | 11                                | 12                                | 19                                 | 20                              | 19                                | 7                                    | 8  | 8                             |
| 28   | MK14 7BJ        | 12  | 7                              | 8                             | 7           | 6  | 4                                      | 3                                    | 4                           | 3                          | 6                           | 7                          | 8                             | 11                                | 11                                | 19                                 | 20                              | 19                                | 8                                    | 8  | 7                             |
| 29   | MK8 8AP         | 8   | 6                              | 6                             | 4           | 5  | 5                                      | 7                                    | 7                           | 8                          | 9                           | 8                          | 9                             | 12                                | 10                                | 16                                 | 16                              | 16                                | 10                                   | 12   | 12                            |
| 30   | MK8 8ET         | 8   | 7                              | 6                             | 3           | 4  | 4                                      | 6                                    | 6                           | 7                          | 7                           | 9                          | 9                             | 12                                | 9                                 | 17                                 | 17                              | 17                                | 10                                   | 11   | 11                            |
| 31   | MK8 9EJ         | 9   | 7                              | 8                             | 4           | 3  | 5                                      | 5                                    | 5                           | 6                          | 7                           | 7                          | 8                             | 10                                | 8                                 | 17                                 | 18                              | 17                                | 11                                   | 11   | 10                            |
| 32   | MK8 9EE         | 8   | 8                              | 8                             | 3           | 3  | 6                                      | 7                                    | 6                           | 7                          | 6                           | 8                          | 8                             | 11                                | 8                                 | 19                                 | 19                              | 18                                | 12                                   | 11   | 12                            |
| 33   | MK5 8AS         | 10  | 8                              | 9                             | 5           | 4  | 6                                      | 7                                    | 7                           | 8                          | 7                           | 8                          | 9                             | 12                                | 9                                 | 19                                 | 19                              | 19                                | 12                                   | 12   | 12                            |
| 34   | MK5 6EO         | 9   | 9                              | 9                             | 4           | 1  | 6                                      | 7                                    | 5                           | 7                          | 5                           | 7                          | 7                             | 10                                | 8                                 | 18                                 | 19                              | 18                                | 12                                   | 10   | 11                            |
| 35   | MK8 0D1         | 10  | 9                              | 9                             | 4           | 4  | 7                                      | 7                                    | 7                           | 8                          | 7                           | 9                          | 9                             | 11                                | 7                                 | 19                                 | 18                              | 19                                | 13                                   | 11   | 12                            |
| 36   | MK5 6HT         | 10  | 11                             | 10                            | 5           | 3  | 8                                      | 7                                    | 5                           | 7                          | 5                           | 7                          | 7                             | 9                                 | 7                                 | 20                                 | 19                              | 20                                | 13                                   | 9  | 10                            |
| 37   | MK5 8EH         | 10  | 9                              | 10                            | 5           | 3  | 7                                      | ,                                    | 4                           | 6                          | 4                           | ,                          | 7                             | 9                                 | 7                                 | 20                                 | 19                              | 20                                | 12                                   | 9  | 10                            |
| 20   |                 | 11  | 11                             | 11                            | 6           | 2  | ,                                      | 0                                    | -                           | 7                          | F                           | 6                          | 6                             | 0                                 | 7                                 | 20                                 | 19                              | 20                                | 12                                   | 0  | 10                            |
| 20   | MK5 700         | 11  | 11                             | 11                            | 6           | 3  | 0                                      | 8                                    | 5                           | /                          | 5                           | 6                          | 0                             | 9                                 | 7                                 | 20                                 | 10                              | 20                                | 14                                   | 9  | 10                            |
| 39   | MK5 7D1         | 11  | 11                             | 11                            | 0           | 4  | 9                                      | 0                                    | 5                           | 8                          | 5                           |                            | 0                             | 9                                 | 5                                 | 19                                 | 17                              | 20                                | 14                                   | 0  | 9                             |
| 40   |                 | 11  | 11                             | 11                            | 5           | 4  | 9                                      | 8                                    | 5                           | 8                          | 5                           | /                          | /                             | 10                                | 6                                 | 19                                 | 17                              | 20                                | 13                                   | 9  | 10                            |
| 41   | MK8 UPB         | 10  | 10                             | 10                            | 4           | 4  | 8                                      | 8                                    | /                           | 8                          | /                           | 9                          | 9                             | 11                                | 6                                 | 20                                 | 18                              | 19                                | 13                                   | 11   | 12                            |
| 42   |                 | 7   | 7                              | 8                             | 2           | 3  | 5                                      | 7                                    | 7                           | 8                          | 8                           | 9                          | 10                            | 11                                | 8                                 | 17                                 | 19                              | 17                                | 11                                   | 11   | 12                            |
| 43   |                 | 5   | 6                              | 5                             | 3           | 5  | 7                                      | 8                                    | 8                           | 9                          | 9                           | 10                         | 11                            | 13                                | 10                                | 17                                 | 18                              | 17                                | 12                                   | 13   | 13                            |
| 44   | MK19 6EL        | 5   | 8                              | 7                             | 4           | 5  | 7                                      | 9                                    | 9                           | 10                         | 8                           | 10                         | 11                            | 13                                | 10                                | 16                                 | 17                              | 17                                | 12                                   | 13   | 14                            |
| 45   | MK17 0LS        | 11  | 13                             | 13                            | 10          | 10   | 13                                     | 14                                   | 11                          | 14                         | 11                          | 11                         | 12                            | 14                                | 8                                 | 15                                 | 13                              | 23                                | 17                                   | 14   | 15                            |
| 46   | MK17 0EX        | 11  | 16                             | 16                            | 13          | 14   | 16                                     | 19                                   | 16                          | 18                         | 15                          | 14                         | 14                            | 16                                | 12                                | 13                                 | 11                              | 23                                | 21                                   | 16   | 17                            |
| 47   | MK19 6DX        | 7   | 12                             | 13                            | 13          | 14   | 16                                     | 17                                   | 17                          | 17                         | 17                          | 18                         | 18                            | 20                                | 16                                | 13                                 | 13                              | 19                                | 20                                   | 20   | 21                            |
| 48   | MK17 0HD        | 10  | 14                             | 15                            | 16          | 16   | 16                                     | 17                                   | 16                          | 17                         | 18                          | 17                         | 17                            | 19                                | 15                                | 9                                  | 9                               | 19                                | 20                                   | 20   | 20                            |
| 49   | MK18 5NN        | 11  | 14                             | 15                            | 16          | 15   | 16                                     | 16                                   | 16                          | 17                         | 18                          | 17                         | 18                            | 21                                | 20                                | 7                                  | 8                               | 18                                | 20                                   | 20   | 21                            |
| 50   | MK19 6BT        | 11  | 14                             | 15                            | 15          | 15   | 16                                     | 16                                   | 16                          | 16                         | 18                          | 17                         | 18                            | 20                                | 20                                | 10                                 | 11                              | 15                                | 20                                   | 20   | 21                            |
| 51   | MK19 6HD        | 8   | 10                             | 11                            | 12          | 12   | 12                                     | 12                                   | 17                          | 13                         | 14                          | 13                         | 14                            | 17                                | 17                                | 17                                 | 12                              | 15                                | 16                                   | 17   | 17                            |
| 52   | NN12 705        | 10  | 11                             | 12                            | 12          | 12   | 12                                     | 12                                   | 12                          | 1.4                        | 15                          | 1/                         | 15                            | 17                                | 17                                | 14                                 | 15                              | 11                                | 17                                   | 17   | 10                            |
| 52   | NN12 7Q3        | 10  | 10                             | 11                            | 1.1         | 12   | 13                                     | 10                                   | 10                          | 14                         | 1.4                         | 14                         | 10                            | 10                                | 10                                | 14                                 | 15                              | 10                                | 1/                                   | 10   | 10                            |
| 55   | NINIZ /PQ       | 9   | 10                             | 11                            | 11          | 11   | 12                                     | 12                                   | 12                          | 12                         | 14                          | 13                         | 14                            | 10                                | 10                                | 15                                 | 15                              | 10                                | 15                                   | 10   | 10                            |
| 54   | NN12 /UB        | 10  | 11                             | 12                            | 13          | 12   | 13                                     | 13                                   | 13                          | 14                         | 15                          | 14                         | 15                            | 18                                | 18                                | 16                                 | 1/                              | 12                                | 1/                                   | 18   | 18                            |
| 55   | NN12 /SR        | 11  | 12                             | 13                            | 14          | 14   | 14                                     | 15                                   | 15                          | 15                         | 16                          | 15                         | 16                            | 19                                | 19                                | 17                                 | 18                              | 11                                | 18                                   | 19   | 19                            |
| 56   | MK19 7JD        | 9   | 10                             | 11                            | 12          | 12   | 12                                     | 13                                   | 12                          | 13                         | 14                          | 13                         | 14                            | 17                                | 17                                | 15                                 | 16                              | 15                                | 16                                   | 17   | 17                            |
| 57   | MK19 6EH        | 4   | 5                              | 7                             | 8           | 9  | 10                                     | 10                                   | 10                          | 10                         | 12                          | 11                         | 12                            | 14                                | 14                                | 12                                 | 13                              | 12                                | 14                                   | 14   | 15                            |
| 58   | MK19 7HG        | 10  | 10                             | 11                            | 13          | 13   | 13                                     | 14                                   | 13                          | 14                         | 15                          | 14                         | 15                            | 18                                | 18                                | 16                                 | 17                              | 16                                | 17                                   | 18   | 18                            |
| 59   | MK19 7AN        | 10  | 4                              | 4                             | 9           | 10   | 7                                      | 9                                    | 9                           | 9                          | 11                          | 12                         | 13                            | 16                                | 15                                | 21                                 | 21                              | 20                                | 11                                   | 14   | 14                            |

Driving-times in minutes. Source: Bing Maps, July 2012

## APPENDIX 5 - JOURNEY-TIMES ON FOOT AND BY BUS

| Zone | Reference<br>point | Cofferidge Cl.<br>Stony Stratford<br>MK11 1BY | Tesco<br>Wolverton<br>MK12 5RJ | Asda<br>Wolverton<br>MK12 5JQ | WEA Zone 10 | Sainsbury<br>Shenley Ch.<br>End<br>MK5 6JG/6JU | Aldi<br>Bradwell<br>Common<br>MK13 8BF | Marks &<br>Spencer<br>CMK<br>MK9 3PD | Sainsbury<br>CMK<br>MK9 2FW | Waitrose<br>CMK<br>MK9 3NJ | Lidl<br>Oldbrook<br>MK6 2YA | Asda<br>Denbigh<br>MK1 1QB | Tesco<br>Bletchley<br>MK1 1DD | Sainsbury<br>Bletchley<br>MK2 2JS | Morrisons<br>Westcroft<br>MK4 4DD | Waitrose<br>Buckingham<br>MK18 1RS | Tesco<br>Buckingham<br>MK18 1AB | Waitrose<br>Towcester<br>NN12 6HZ | Tesco<br>Newport Pagnell<br>MK16 9AW | Marks &<br>Spencer<br>Kingston<br>MK10 0BA | Tesco<br>Kingston<br>MK10 0AH |
|------|--------------------|---|--------------------------------|-------------------------------|-------------|--|--|--------------------------------------|-----------------------------|----------------------------|-----------------------------|----------------------------|-------------------------------|-----------------------------------|-----------------------------------|------------------------------------|---------------------------------|-----------------------------------|--------------------------------------|--|-------------------------------|
| 1a   | MK11 1HT           | 5   | 15                             | 16                            | -           | _  | 32                                     | 23                                   | 26                          | 24                         | 36                          | 64                         | 56                            | 62                                | 41*                               | -                                  | -                               | 52                                | -                                    | 44*  | 44*                           |
| 1b   | MK11 1EB           | 3   | 14                             | 15                            | -           | -  | 31                                     | 22                                   | 25                          | 23                         | 35                          | 63                         | 55                            | 61                                | 40*                               | -                                  | -                               | 51                                | -                                    | 43*  | 43*                           |
| 1c   | MK11 1AT           | 6   | 19                             | 20                            | -           | -  | 36                                     | 27                                   | 30                          | 28                         | 40                          | 68                         | 60                            | 66                                | 45*                               | -                                  | -                               | 56                                | -                                    | 48*  | 48*                           |
| 1d   | MK11 1BL           | 6   | 19                             | 20                            | -           | -  | 36                                     | 27                                   | 30                          | 28                         | 40                          | 68                         | 60                            | 66                                | 45*                               | -                                  | -                               | 56                                | -                                    | 48*  | 48*                           |
| 1e   | MK11 1JF           | 5   | 16                             | 17                            | -           | -  | 33                                     | 24                                   | 27                          | 25                         | 37                          | 65                         | 57                            | 63                                | 42*                               | -                                  | -                               | 53                                | -                                    | 45*  | 45*                           |
| 1f   | MK11 1LT           | 4   | 16                             | 17                            | -           | _  | 33                                     | 24                                   | 27                          | 25                         | 37                          | 65                         | 57                            | 63                                | 42*                               | -                                  | -                               | 53                                | -                                    | 45*  | 45*                           |
| 2    | MK11 1DJ           | 9   | 15                             | 16                            | -           | _  | 33                                     | 24                                   | 2/                          | 25                         | 3/                          | 65                         | 5/                            | 65                                | 42*                               | -                                  | -                               | 49                                | -                                    | 45*  | 45*                           |
| 3    | MK11 1NZ           | 14  | 1/                             | 18                            | _           | _  | 29                                     | 21                                   | 24                          | 22                         | 34                          | 61                         | 53                            | 59                                | 39*                               | _                                  | _                               | 53                                | _                                    | 42*  | 42*                           |
| 4    | MK11 2BB           | 15  | 19                             | 20                            | _           | _  | 29                                     | 21                                   | 24                          | 22                         | 40                          | 58                         | 50                            | 56                                | 46*                               | _                                  | _                               | 61                                | _                                    | 42*  | 42*                           |
| 6    | MK12 5PE           | 15  | 12                             | 13                            | _           | 40   | 37                                     | 42                                   | 43                          | 46                         | 53                          | 69                         | 61                            | 71                                | 54*                               | _                                  | _                               | _                                 | 28                                   | 63*  | 63*                           |
| 7    | MK13 0BE           | 28*   | 16                             | 17                            | -           | _  | 26                                     | 33                                   | 35                          | 28                         | 45                          | 58                         | 50                            | 56                                | 45*                               | -                                  | -                               | -                                 | 33                                   | 44*  | 44*                           |
| 8    | MK12 5DQ           | 16  | 8                              | 8                             | _           | 41   | 25                                     | 35                                   | 32                          | 30                         | 42                          | 60                         | 52                            | 58                                | 42*                               | _                                  | _                               | -                                 | 24                                   | 46*  | 46*                           |
| 9    | MK12 5AX           | 19  | 9                              | 11                            | -           | 41   | 31                                     | 35                                   | 38                          | 40                         | 48                          | 66                         | 58                            | 64                                | 48*                               | -                                  | -                               | -                                 | 26                                   | 56*  | 56*                           |
| 10   | MK12 5DT           | 23  | 14                             | 12                            | -           | 36   | 32                                     | 37                                   | 39                          | 41                         | 49                          | 61                         | 53                            | 59                                | 50*                               | -                                  | -                               | -                                 | 28                                   | 57*  | 57*                           |
| 11   | MK12 6AW           | 21  | 16                             | 17                            | -           | 33   | 34                                     | 31                                   | 36                          | 39                         | 46                          | 63                         | 55                            | 61                                | 47*                               | -                                  | -                               | 68                                | 37                                   | 55*  | 55*                           |
| 12   | MK12 6JF           | 23  | 21                             | 22                            | -           | 29   | 23                                     | 31                                   | 32                          | 35                         | 42                          | 55                         | 47                            | 53                                | 43*                               | -                                  | -                               | 71                                | 34                                   | 51*  | 51*                           |
| 13   | MK8 8DT            | 24  | 33                             | 34                            | -           | 32   | 39                                     | 25                                   | 28                          | 26                         | 38                          | _                          | 51*                           | 67                                | 46*                               | -                                  | -                               | 65                                | _                                    | 46*  | 46*                           |
| 14   | MK13 0ES           | 30*   | 18                             | 19                            | -           | 47   | 26                                     | 33                                   | 35                          | 29                         | 45                          | 58                         | 50                            | 56                                | 45*                               | -                                  | -                               | -                                 | 41                                   | 45*  | 45*                           |
| 15   | MK13 7DB           | 30*   | 24                             | 25                            | -           | 45   | 25                                     | 32                                   | 30                          | 28                         | 40                          | 51                         | 53                            | 59                                | 40*                               | -                                  | -                               | -                                 | -                                    | 44*<br>E1*                                 | 44*<br>E1*                    |
| 17   | MK13 71N           | 34  | 19                             | 24                            | _           | _  | 23                                     | 23                                   | 27                          | 29                         | 45                          | 53                         | 49                            | 51                                | 44                                | _                                  | _                               | _                                 | _                                    | 49*  | 49*                           |
| 18   | MK13 0LB           | 32  | 20                             | 19                            | _           | _  | 21                                     | 26                                   | 28                          | 30                         | 38                          | 61                         | 53                            | 59                                | 48*                               | _                                  | _                               | _                                 | 37                                   | 56*  | 56*                           |
| 19   | MK12 6HA           | 20  | 18                             | 21                            | _           | 34   | 22                                     | 30                                   | 32                          | 34                         | 41                          | 54                         | 46                            | 52                                | 41*                               | _                                  | -                               | _                                 | 37                                   | 50*  | 50*                           |
| 20   | MK14 6AS           | 41*   | 26                             | 27                            | _           | 41   | 28                                     | 30                                   | 36                          | 27                         | 46                          | 54*                        | 48*                           | 67                                | 46*                               | _                                  | _                               | -                                 | 36                                   | 43*  | 43*                           |
| 21   | MK13 7NB           | 34  | 30                             | 31                            | -           | 40*  | 26                                     | 26                                   | 28                          | 30                         | 38                          | 58                         | 50                            | 56                                | 38*                               | -                                  | -                               | -                                 | -                                    | 46*  | 46*                           |
| 22   | MK13 7QS           | 25  | 22                             | 23                            | _           | 30*  | 15                                     | 23                                   | 24                          | 26                         | 34                          | 47                         | 39                            | 45                                | 34*                               | _                                  | -                               | -                                 | -                                    | 36*  | 36*                           |
| 23   | MK13 9HU           | 27  | 28                             | 29                            | -           | 42   | 25                                     | 31                                   | 33                          | 35                         | 42                          | 55                         | 47                            | 53                                | 34*                               | -                                  | -                               | -                                 | -                                    | 52*  | 52*                           |
| 24   | MK13 9BD           | 32  | 29                             | 30                            | -           | 34*  | 13                                     | 26                                   | 28                          | 30                         | 38                          | 51                         | 43                            | 49                                | 33*                               | -                                  | -                               | -                                 | -                                    | 46*  | 46*                           |
| 25   | MK13 8BN           | 33  | 33                             | 34                            | -           | 29   | 10                                     | 16                                   | 14                          | 27                         | 23                          | 35                         | 35                            | 41                                | 34                                | -                                  | 66                              | 74                                | 34                                   | 36   | 36                            |
| 26   | MK13 8DN           | 39  | 34                             | 35                            | -           | 34   | 11                                     | 18                                   | 17                          | 25                         | 33                          | 51                         | 44                            | 50                                | 39                                | - 47                               | -                               | 79                                | 35                                   | 41   | 41                            |
| 27   | MK14 7D1           | 40  | 29                             | 30                            | -           | 39   | 20                                     | 20                                   | 31                          | 15                         | 40                          | 30                         | 30                            | 42                                | 44                                | 47                                 | 64                              | 81                                | 25                                   | 35   | 35                            |
| 20   | MK8 8AD            | 30  | 27                             | 28                            | _           | 35   | 23                                     | 28                                   | 20                          | 32                         | 30                          | 67                         | 50                            | 61                                | 40                                | 45                                 | 04                              | 70                                | 47                                   | 48*  | 48*                           |
| 30   | MK8 8FT            | 34*   | 24                             | 27                            | _           | 20   | 27                                     | 26                                   | 25                          | 30                         | 37                          | 61*                        | 66                            | 49                                | 39                                | _                                  | _                               | -                                 | 53                                   | 50*  | 50*                           |
| 31   | MK8 9EJ            | 36*   | 31                             | 32                            | -           | 18   | 35                                     | 23                                   | 24                          | 26                         | 34                          | 53*                        | 64                            | 44                                | 31                                | -                                  | -                               | -                                 | 45                                   | 42*  | 42*                           |
| 32   | MK8 9EE            | 36*   | 32                             | 33                            | _           | 19   | 36                                     | 25                                   | 26                          | 29                         | 36                          | 59*                        | 65                            | 47                                | 33                                | _                                  | _                               | _                                 | 52                                   | 48*  | 48*                           |
| 33   | MK5 8AS            | 45  | 36                             | 37                            | -           | 22   | 30                                     | 24                                   | 27                          | 27                         | 31                          | 53                         | 44                            | 45                                | 32                                | 42                                 | 71                              | 75                                | 45                                   | 43   | 43                            |
| 34   | MK5 6EQ            | 42*   | 37                             | 38                            | -           | 5  | 34                                     | 20                                   | 27                          | 27                         | 35                          | 53*                        | 45                            | 38                                | 30                                | _                                  | -                               | -                                 | 52                                   | 50   | 50                            |
| 35   | MK8 0DJ            | 50*   | 45                             | 46                            | -           | 21   | 37                                     | 26                                   | 29                          | 29                         | 37                          | 56*                        | 57                            | 50                                | 27                                | -                                  | -                               | -                                 | 49                                   | 45*  | 45*                           |
| 36   | MK5 6HT            | 48*   | 43*                            | 44*                           | -           | 14   | 36                                     | 26                                   | 29                          | 30                         | 37                          | 72                         | 45                            | 38                                | 21                                | -                                  | -                               | -                                 | 51                                   | 39   | 39                            |
| 37   | MK5 8EH            | 41*   | 42*                            | 43*                           | -           | 20   | 31                                     | 21                                   | 24                          | 25                         | 32                          | 49                         | 46                            | 39                                | 20                                | 55                                 | 77                              | 87                                | 53                                   | 34   | 34                            |
| 38   | MK5 7BB            | 47*   | 44*                            | 45*                           | -           | 15   | 37                                     | 27                                   | 30                          | 31                         | 38                          | 73                         | 38                            | 31                                | 22                                | -                                  | -                               | -                                 | 52                                   | 40   | 40                            |
| 39   |                    | 49**  | 40**                           | 4/*                           | -           | 19   | 29                                     | 29                                   | 21                          | 22                         | 40                          | 75                         | 37                            | 20                                | 19                                |                                    | _                               | -                                 | 54                                   | 42   | 42                            |
| 40   | MK8 0PB            | 40 <sup></sup><br>51*                         | 45**                           | 40**                          | _           | 20   | 30<br>40                               | 28                                   | 32                          | 32                         | 39<br>40                    | 74<br>50*                  | 51*                           | 50*                               | 25                                | _                                  | _                               | _                                 | 52                                   | 41 48*                                     | 41<br>48*                     |
| 42   |                    | _   |                                | -                             | _           | -  | -                                      | _                                    | -                           | _                          | -                           | _                          | _                             | _                                 | _                                 | _                                  | _                               | _                                 | -                                    | -  | -                             |
| 43   |                    | -   | -                              | -                             | -           | -  | -                                      | _                                    | -                           | -                          | -                           | -                          | -                             | _                                 | _                                 | -                                  | -                               | -                                 | -                                    | -  | -                             |
| 44   | MK19 6EL           | 50  | 54                             | 55                            | -           | 59   | 53                                     | 39                                   | 42                          | 40                         | 54                          | 92                         | 62*                           | 68*                               | 55*                               | _                                  | -                               | 79                                | -                                    | 59*  | 59*                           |
| 45   | MK17 0LS           | -   | -                              | -                             | -           | 42*  | -                                      | -                                    | -                           | -                          | -                           | -                          | -                             | -                                 | -                                 | -                                  | -                               | -                                 | -                                    | -  | -                             |
| 46   | MK17 0EX           | -   | -                              | -                             | -           | 47*  | -                                      | -                                    | -                           | -                          | -                           | -                          | -                             | -                                 | -                                 | -                                  | -                               | -                                 | -                                    | -  | -                             |
| 47   | MK19 6DX           | -   | -                              | -                             | -           | -  | -                                      | -                                    | -                           | -                          | -                           | -                          | -                             | -                                 | -                                 | -                                  | -                               | -                                 | -                                    | -  | -                             |
| 48   | MK17 0HD           | -   | -                              | -                             | -           | -  | -                                      | -                                    | -                           | -                          | -                           | -                          | -                             | -                                 | -                                 | -                                  | -                               | -                                 | -                                    | -  | -                             |
| 49   | MK18 5NN           | -   | -                              | -                             | -           | -  | -                                      | -                                    | -                           | -                          | -                           | -                          | -                             | -                                 | -                                 | 47                                 | -                               | -                                 | -                                    | -  | -                             |
| 50   | MK19 6BT           | 22  | 31*                            | 32*                           | -           | 49*  | 49                                     | 37                                   | 39                          | 38                         | 49                          | 67*                        | 59*                           | 65*                               | 50*                               | -                                  | -                               | -                                 | -                                    | 54*  | 54*                           |
| 51   | MK19 6HD           | 24  | 35*<br>E4*                     | 30*<br>EE*                    | _           | -  | 50                                     | 30                                   | 39                          | 3/                         | 49                          | _                          | 0∠*<br>02*                    | 00×                               | 54*<br>74*                        | _                                  | _                               | 40                                | _                                    | 5/*<br>77*                                 | 5/*                           |
| 53   | NN12 7Q5           | 34  | 44*                            | 45*                           | _           | _  | 60                                     | 46                                   | 59<br>49                    | 27                         | 59                          | _                          | 72*                           | 78*                               | 64*                               | _                                  | _                               | 29                                | _                                    | 67*  | 67*                           |
| 54   | NN12 7UB           | 25  | 34*                            | 35*                           | _           | _  | 48                                     | 35                                   | 38                          | 37                         | 48                          | 64*                        | 60*                           | 66*                               | 49*                               | _                                  | _                               | -                                 | _                                    | 57*  | 57*                           |
| 55   | NN12 7SR           |   | _                              | _                             | _           | _  | 43                                     | 35                                   | 38                          | 37                         | 45                          | 63*                        | 55*                           | 61*                               | 44*                               | _                                  | _                               | _                                 | _                                    | 53*  | 53*                           |
| 56   | MK19 7JD           | 21  | 30*                            | 31*                           | _           | _  | 48                                     | 35                                   | 38                          | 37                         | 48                          | 64*                        | 56*                           | 62*                               | 52*                               | -                                  | _                               | -                                 | _                                    | 53*  | 53*                           |
| 57   | MK19 6EH           | 15  | 25*                            | 26*                           | -           | -  | 41                                     | 27                                   | 32                          | 28                         | 40                          | 80                         | 72                            | 59*                               | 43*                               | -                                  | -                               | 49                                | -                                    | 48*  | 48*                           |
| 58   | MK19 7HG           | 37*   | 25                             | 26                            | -           | -  | 38                                     | 46                                   | 44                          | 47                         | 54                          | 74*                        | 66*                           | 72*                               | 55*                               | -                                  | -                               | -                                 | -                                    | 63*  | 63*                           |
| 59   | MK19 7AN           | 32*   | 20                             | 21                            | -           | _  | 34                                     | 39                                   | 41                          | 43                         | 49                          | 87                         | 79                            | 68*                               | 52*                               | _                                  | -                               | -                                 | 24                                   | 59*  | 59*                           |

#### Notes to Appendix 5

 All journey times are expressed in minutes.

- 2. Times in italics are for journeys on foot only.
- All other times are for journeys involving bus travel. The calculation includes:
- walking-time from origin reference-point to appropriate bus stop;
- 5 minutes' waiting-time;
- scheduled bus journey-time to nearest stop to destination store. Bus routes with a frequency of less than one service per hour during weekday shopping hours have been disregarded; and
- walking-time from bus stop to store.
- 4. Times marked with an asterisk include a change of bus, no direct route being available. For the second bus, routes with a frequency of less than four services per hour during weekday shopping hours have been disregarded. In these cases the calculation includes, in addition to the times in 3. above:
- waiting-time for the second bus, calculated as half the timeinterval between successive buses during weekday shopping hours; and
- scheduled journey-time for the second bus.
- Routes for which there are no bus services meeting these criteria are marked "—".
- 6. In the absence of information on future bus routes serving the Western Expansion Area, all journey-times to its future store, as well as all journeytimes from zones 42 and 43 to any store, have been excluded from this part of the analysis.

 Source: Traveline, subject to calculation of waiting-times as indicated above and to adjustment of some walking-times to allow for use of footpaths not taken into account by the source.

## APPENDIX 6 - NOTES ON CALIBRATION

- During calibration, control parameters within the model's formula are adjusted empirically until key results calculated from present store sizes align as closely as possible with known present market data. The basic parameters are:
  - the isochrone limit. This parameter sets the journey-time within which consumers are considered to make their choice of store. It will be longer for the non-car-owning market than for the car-owning one, and longer for rural zones than for urban ones; and
  - time-sensitivity (the power to which the journey-times are raised before taking their inverse in the calculation of attractiveness factors). This parameter expresses consumer sensitivity to time-saving: raising the power weights consumer preference towards shorter journey-times. It may be higher for urban zones than for rural ones.
- 2. Two sets of data are available to calibrate the model:
  - three major supermarkets' known shares of the Wolverton/Stony Stratford conveniencegoods market<sup>1</sup>. These are the dominant food retailer in this area (Tesco Wolverton), situated in close proximity to Cofferidge Close, and two major stores situated near the outer limits of the catchment area (Asda Denbigh and Tesco Bletchley); and
  - the known turnover of the present Cofferidge Close store in 2011<sup>2</sup>.
- 3. It emerges from the Milton Keynes Retail Capacity Study that some consumers in the Stony Stratford/Wolverton area shop for convenience goods up to 11 minutes' drive away. Testing the model on existing store sizes with an isochrone limit of 11 minutes suggests, for the urban car-owning market, a time-sensitivity value of 3.0<sup>3</sup>.
- 4. At these values, and with an estimated 30-minute isochrone limit and time-sensitivity of 2.5 for the urban non-car-owning market, the model's results broadly approximate to present aggregate market shares in zones 1–11. These are therefore adopted for all urban zones, with increased isochrone limits in rural zones of 12 minutes for the car-owning market and 50 minutes for the non-car-owning market to allow for the longer journeys involved.
- 5. However, as expected with stores of such different qualitative attraction<sup>4</sup>, the model tends to underestimate the market shares of the 'superstore' category generally and of Tesco Wolverton in particular, while overestimating considerably the attraction of the present Cofferidge Close store.

- <sup>3</sup> This is a typical value for convenience-goods shopping.
- <sup>4</sup> See Chapter 6.0, paragraphs 6.5 to 6.7.

- 6. An improved correlation is obtained by introducing a superstore constant (SSK) of 1.3, applied to the car-owning-market attractiveness factors of the seven stores in the superstore category. This reflects the qualitative competitive advantage enjoyed by these stores, over and above the quantatitive element of size on which the model is based. As this advantage centres on features mainly attractive to car-borne shoppers (petrol filling-station, combined one-stop shopping for convenience and comparison goods etc.), the SSK is applied only to the car-owning market.
- 7. With this adjustment, the model is still understating slightly the market share of Tesco Wolverton and still overstating heavily the attraction of the present Cofferidge Close store. Introducing a Cofferidge Close constant (CCK) of 0.29, applied to the Cofferidge Close store's attractiveness factors in all markets, closely aligns the model's calculation of this store's turnover in 2011 with the actual figure, while bringing the market share of Tesco Wolverton almost exactly into line with its known actual value (see Figure 5).
- 8. Optimal calibration is thus obtained with present market data by applying the following parameter values and constants to the whole model:

|                           | Car-c | WNING | NON-CAF | -OWNING |
|---------------------------|-------|-------|---------|---------|
|                           | Urban | RURAL | Urban   | RURAL   |
| Isochrone limit (minutes) | 11    | 12    | 30      | 50      |
| Time-sensitivity          | 3     | .0    | 2.      | .5      |
| SSK constant              | 1     | .3    | N,      | /A      |
| CCK constant              |       | 0.    | 29      |         |

- 9. The forecasting run is then made using these values and committed 2016 store sizes, but varying the CCK constant in three scenarios as follows:
  - in the minimum scenario, the full CKK constant is retained for the car-owning market, on the assumption that the present under-performance of the Cofferidge Close store is wholly ascribable to the awkward and restricted vehicle access through the Silver Street archway and that its dissuasive effect on car-borne shoppers will continue to be felt, whatever the retailer operating the store;
  - in the median scenario, a CCK constant of 0.645<sup>5</sup> is retained for the car-owning market, on the assumption that the present under-performance of the Cofferidge Close store is ascribable half to the Silver Street archway problem and half to the market profile of the current operator; and
  - in the maximum scenario, the CCK constant is removed entirely, on the assumption that the present under-performance of the Cofferidge Close store is wholly ascribable to the market profile of the current operator and not at all to the archway problem, and that the site will regain full competitive potential once it is operated by a first-tier retailer.

<sup>&</sup>lt;sup>1</sup> The Milton Keynes Retail Capacity and Leisure Study, Spreadsheet 11a., in which the Wolverton/Stony Stratford market forms zone 7. This corresponds to zones 1–11 in this Assessment, whose total has been used to calibrate the model on the three market shares.

<sup>&</sup>lt;sup>2</sup> £3,372,142. Source: Management of Budgen's, Stony Stratford. The model simulates this parameter by applying its calculation of the store's present market share in each zone of the study area to the relevant 2011 convenience-goods spending estimates in the *Milton Keynes Council Retail Capacity Update*, Spreadsheet 2.

<sup>&</sup>lt;sup>5</sup> i.e. retaining half the present handicap. (The handicap = 1 minus the constant. Thus a constant of 0.29 = a 71% handicap; a constant of 0.645 = a 35.5% handicap.)

## APPENDIX 7 — ATTRACTIVENESS FACTORS 2016 (CAR-OWNING MARKET, MINIMUM SCENARIO)

| Zone | Cofferidge Cl.<br>Stony Stratford<br>MK11 1BY | Tesco<br>Wolverton<br>MK12 5RJ | Asda<br>Wolverton<br>MK12 5JQ | WEA Zone 10 | Sainsbury<br>Shenley Ch.<br>End<br>MK5 6JG/6JU | Aldi<br>Bradwell<br>Common<br>MK13 8BF | Marks &<br>Spencer<br>CMK<br>MK9 3PD | Sainsbury<br>CMK<br>MK9 2FW | Waitrose<br>CMK<br>MK9 3NJ | Lidl<br>Oldbrook<br>MK6 2YA | Asda<br>Denbigh<br>MK1 1QB | Tesco<br>Bletchley<br>MK1 1DD | Sainsbury<br>Bletchley<br>MK2 2JS | Morrisons<br>Westcroft<br>MK4 4DD | Waitrose<br>Buckingham<br>MK18 1RS | Tesco<br>Buckingham<br>MK18 1AB | Waitrose<br>Towcester<br>NN12 6HZ | Tesco<br>Newport Pagne<br>MK16 9AW | Marks &<br>Spencer<br>Kingston<br>MK10 0BA | Tesco<br>Kingston<br>MK10 0AH | TOTAL    |
|------|---|--------------------------------|-------------------------------|-------------|--|--|--------------------------------------|-----------------------------|----------------------------|-----------------------------|----------------------------|-------------------------------|-----------------------------------|-----------------------------------|------------------------------------|---------------------------------|-----------------------------------|------------------------------------|--|-------------------------------|----------|
| 1a   | 15.971  | 53.206                         | 1.455                         | 10.156      | 2.471  | 0.650                                  | 1.555                                | 3.847                       | 0.000                      | 0.000                       | 0.000                      | 0.000                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 0.000                              | 0.000                                      | 0.000                         | 89.311   |
| 1b   | 15.971  | 103.919                        | 2.310                         | 15.160      | 3.518  | 0.892                                  | 2.070                                | 5.120<br>3.847              | 1.222                      | 0.495                       | 5.315                      | 0.000                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 0.000                              | 0.000                                      | 0.000                         | 155.992  |
| 1d   | 53.904  | 19.390                         | 0.975                         | 10.156      | 2.471  | 0.488                                  | 0.000                                | 0.000                       | 0.000                      | 0.000                       | 0.000                      | 0.000                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 0.000                              | 0.000                                      | 0.000                         | 87.384   |
| 1e   | 53.904  | 53.206                         | 2.310                         | 24.074      | 5.251  | 0.892                                  | 1.555                                | 5.120                       | 1.222                      | 0.659                       | 5.315                      | 0.000                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 0.000                              | 0.000                                      | 0.000                         | 153.508  |
| 1f   | 53.904  | 30.791                         | 1.455                         | 24.074      | 3.518  | 0.892                                  | 1.555                                | 3.847                       | 1.222                      | 0.495                       | 0.000                      | 0.000                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 0.000                              | 0.000                                      | 0.000                         | 121.751  |
| 2    | 6.738   | 103.919                        | 3.992                         | 15.160      | 3.518  | 0.892                                  | 2.070                                | 5.120                       | 1.222                      | 0.495                       | 5.315                      | 0.000                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 0.000                              | 0.000                                      | 0.000                         | 148.440  |
| 4    | 53.904  | 30,791                         | 1.455                         | 24.074      | 3.518  | 0.892                                  | 1.555                                | 3.847                       | 0.000                      | 0.495                       | 0.000                      | 0.000                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 0.000                              | 0.000                                      | 0.000                         | 120.530  |
| 5    | 3.450   | 30.791                         | 3.992                         | 41.600      | 8.338  | 1.270                                  | 2.840                                | 7.023                       | 2.230                      | 0.904                       | 7.075                      | 2.587                         | 0.000                             | 3.603                             | 0.000                              | 0.000                           | 0.000                             | 0.000                              | 0.000                                      | 0.000                         | 115.702  |
| 6    | 1.996   | 831.350                        | 7.797                         | 15.160      | 3.518  | 1.270                                  | 2.840                                | 7.023                       | 1.626                      | 0.495                       | 7.075                      | 2.587                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 0.000                              | 0.000                                      | 0.000                         | 882.737  |
| 7    | 0.431   | 246.326                        | 18.481                        | 10.156      | 2.471  | 3.009                                  | 4.043                                | 10.000                      | 2.230                      | 0.659                       | 5.315                      | 0.000                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 1.767                              | 0.000                                      | 0.000                         | 304.889  |
| 9    | 1.257   | 831.350                        | 18.481                        | 10.156      | 2.471  | 1.270                                  | 2.070                                | 5.120                       | 1.222                      | 0.000                       | 5.315                      | 0.000                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 0.000                              | 0.000                                      | 0.000                         | 878.712  |
| 10   | 0.842   | 246.326                        | 18.481                        | 15.160      | 3.518  | 1.270                                  | 2.840                                | 7.023                       | 2.230                      | 0.659                       | 9.705                      | 2.587                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 1.328                              | 0.000                                      | 0.000                         | 311.969  |
| 11   | 1.996   | 53.206                         | 7.797                         | 41.600      | 8.338  | 1.895                                  | 4.043                                | 10.000                      | 3.176                      | 0.904                       | 9.705                      | 3.444                         | 0.000                             | 3.603                             | 0.000                              | 0.000                           | 0.000                             | 1.328                              | 0.000                                      | 0.000                         | 151.034  |
| 12   | 1.257   | 30.791                         | 3.992                         | 24.074      | 5.251  | 1.895                                  | 4.043                                | 10.000                      | 3.176                      | 0.659                       | 9.705                      | 3.444                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 1.328                              | 0.000                                      | 0.000                         | 99.613   |
| 14   | 0.324   | 103.919                        | 7.797                         | 10.156      | 2.471  | 3.009                                  | 4.043                                | 7.023                       | 3.176                      | 0.659                       | 5.315                      | 0.000                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 1.767                              | 0.000                                      | 0.000                         | 149.659  |
| 15   | 0.324   | 30.791                         | 2.310                         | 15.160      | 3.518  | 3.009                                  | 9.583                                | 14.927                      | 7.528                      | 0.904                       | 7.075                      | 2.587                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 3.451                              | 1.503                                      | 6.130                         | 108.800  |
| 16   | 0.324   | 30.791                         | 2.310                         | 15.160      | 3.518  | 5.200                                  | 16.560                               | 23.704                      | 7.528                      | 1.287                       | 7.075                      | 2.587                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 5.152                              | 2.000                                      | 6.130                         | 129.324  |
| 17   | 0.592   | 103.919                        | 7.797                         | 24.074      | 5.251  | 10.156                                 | 9.583                                | 14.927                      | 4.741                      | 1.287                       | 9.705                      | 3.444                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 3.451                              | 1.503                                      | 4.605                         | 205.034  |
| 10   | 1.257   | 103.919                        | 7.797                         | 24.074      | 5.251  | 3.009                                  | 4.043                                | 14.927                      | 3.176                      | 0.904                       | 13.818                     | 4.724                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 1.767                              | 0.000                                      | 0.000                         | 188.665  |
| 20   | 0.431   | 53.206                         | 1.455                         | 24.074      | 3.518  | 5.200                                  | 16.560                               | 23.704                      | 13.008                     | 1.287                       | 9.705                      | 2.587                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 5.152                              | 2.000                                      | 8.408                         | 170.294  |
| 21   | 0.324   | 30.791                         | 2.310                         | 15.160      | 3.518  | 5.200                                  | 16.560                               | 23.704                      | 13.008                     | 1.287                       | 9.705                      | 3.444                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 5.152                              | 2.000                                      | 8.408                         | 140.570  |
| 22   | 0.431   | 53.206                         | 2.310                         | 81.250      | 14.408   | 24.074                                 | 32.344                               | 40.960                      | 13.008                     | 3.051                       | 13.818                     | 4.724                         | 0.000                             | 4.796                             | 0.000                              | 0.000                           | 0.000                             | 2.424                              | 2.000                                      | 8.408                         | 301.212  |
| 23   | 0.431   | 30.791                         | 2.310                         | 41.600      | 8.338  | 10.156                                 | 9.583                                | 23.704                      | 7.528                      | 1.287                       | 9.705                      | 3.444                         | 0.000                             | 3.603                             | 0.000                              | 0.000                           | 0.000                             | 2.424                              | 1.503                                      | 6.130                         | 162.536  |
| 25   | 0.324   | 19.390                         | 3.992                         | 24.074      | 14.408   | 81.250                                 | 76.667                               | 189.630                     | 25.406                     | 3.051                       | 20.626                     | 4.724                         | 1.043                             | 4.796                             | 0.000                              | 0.000                           | 0.000                             | 3.451                              | 3.906                                      | 11.972                        | 488.709  |
| 26   | 0.431   | 30.791                         | 2.310                         | 41.600      | 8.338  | 81.250                                 | 32.344                               | 80.000                      | 13.008                     | 3.051                       | 13.818                     | 3.444                         | 0.000                             | 3.603                             | 0.000                              | 0.000                           | 0.000                             | 3.451                              | 2.743                                      | 8.408                         | 328.590  |
| 27   | 0.324   | 30.791                         | 2.310                         | 41.600      | 8.338  | 10.156                                 | 76.667                               | 80.000                      | 25.406                     | 1.921                       | 13.818                     | 4.724                         | 1.043                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 5.152<br>3.451                     | 3.906                                      | 11.972                        | 318.127  |
| 28   | 0.842   | 30.791                         | 2.310                         | 81.250      | 14.408   | 5.200                                  | 6.035                                | 14.927                      | 3.176                      | 0.904                       | 13.818                     | 4.724                         | 0.000                             | 4.796                             | 0.000                              | 0.000                           | 0.000                             | 1.767                              | 0.000                                      | 0.000                         | 184.947  |
| 30   | 0.842   | 19.390                         | 2.310                         | 192.593     | 28.141   | 10.156                                 | 9.583                                | 23.704                      | 4.741                      | 1.921                       | 9.705                      | 4.724                         | 0.000                             | 6.578                             | 0.000                              | 0.000                           | 0.000                             | 1.767                              | 1.503                                      | 4.605                         | 322.263  |
| 31   | 0.592   | 19.390                         | 0.975                         | 81.250      | 66.704   | 5.200                                  | 16.560                               | 40.960                      | 7.528                      | 1.921                       | 20.626                     | 6.726                         | 1.388                             | 9.367                             | 0.000                              | 0.000                           | 0.000                             | 1.328                              | 1.503                                      | 6.130                         | 288.145  |
| 32   | 0.842   | 12.990                         | 0.975                         | 192.593     | 66.704<br>28.141                               | 3.009                                  | 6.035                                | 23.704                      | 4./41                      | 3.051                       | 13.818                     | 6.726                         | 1.043                             | 9.367                             | 0.000                              | 0.000                           | 0.000                             | 0.000                              | 1.503                                      | 0.000                         | 347.098  |
| 34   | 0.592   | 9.123                          | 0.684                         | 81.250      | 1801.00  | 3.009                                  | 6.035                                | 40.960                      | 4.741                      | 5.272                       | 20.626                     | 10.040                        | 1.388                             | 9.367                             | 0.000                              | 0.000                           | 0.000                             | 0.000                              | 2.000                                      | 4.605                         | 2000.69  |
| 35   | 0.431   | 9.123                          | 0.684                         | 81.250      | 28.141   | 1.895                                  | 6.035                                | 14.927                      | 3.176                      | 1.921                       | 9.705                      | 4.724                         | 1.043                             | 13.982                            | 0.000                              | 0.000                           | 0.000                             | 0.000                              | 1.503                                      | 0.000                         | 178.539  |
| 36   | 0.431   | 4.997                          | 0.499                         | 41.600      | 66.704   | 1.270                                  | 6.035                                | 40.960                      | 4.741                      | 5.272                       | 20.626                     | 10.040                        | 1.904                             | 13.982                            | 0.000                              | 0.000                           | 0.000                             | 0.000                              | 2.743                                      | 6.130                         | 227.932  |
| 37   | 0.431   | 9.123                          | 0.499                         | 24 074      | 66,704   | 1.895                                  | 9.583                                | 40.960                      | 7.528<br>4 741             | 5 272                       | 32.753                     | 10.040                        | 1.904                             | 13.982                            | 0.000                              | 0.000                           | 0.000                             | 0.000                              | 2.743                                      | 6,130                         | 297.490  |
| 39   | 0.324   | 4.997                          | 0.375                         | 24.074      | 28.141   | 0.892                                  | 4.043                                | 23.704                      | 3.176                      | 5.272                       | 32.753                     | 15.943                        | 1.904                             | 38.366                            | 0.000                              | 0.000                           | 0.000                             | 0.000                              | 3.906                                      | 8.408                         | 196.276  |
| 40   | 0.324   | 4.997                          | 0.375                         | 41.600      | 28.141   | 0.892                                  | 4.043                                | 40.960                      | 3.176                      | 5.272                       | 20.626                     | 10.040                        | 1.388                             | 22.202                            | 0.000                              | 0.000                           | 0.000                             | 0.000                              | 2.743                                      | 6.130                         | 192.908  |
| 41   | 0.431   | 6.651                          | 0.499                         | 81.250      | 28.141   | 1.270                                  | 4.043                                | 14.927                      | 3.176                      | 1.921                       | 9.705                      | 4.724                         | 1.043                             | 22.202                            | 0.000                              | 0.000                           | 0.000                             | 0.000                              | 1.503                                      | 0.000                         | 181.484  |
| 42   | 3.450   | 30,791                         | 3,992                         | 192,593     | 14,408   | 1.895                                  | 4.043                                | 14.927                      | 2.230                      | 0.904                       | 9.705                      | 2.587                         | 0.000                             | 9.367                             | 0.000                              | 0.000                           | 0.000                             | 0.000                              | 0.000                                      | 0.000                         | 278.763  |
| 44   | 3.450   | 12.990                         | 1.455                         | 81.250      | 14.408   | 1.895                                  | 2.840                                | 7.023                       | 1.626                      | 1.287                       | 7.075                      | 2.587                         | 0.000                             | 4.796                             | 0.000                              | 0.000                           | 0.000                             | 1.023                              | 0.000                                      | 0.000                         | 143.704  |
| 45   | 0.324   | 0.000                          | 0.000                         | 5.200       | 1.801  | 0.000                                  | 0.000                                | 3.847                       | 0.000                      | 0.495                       | 5.315                      | 1.993                         | 0.000                             | 9.367                             | 0.000                              | 0.000                           | 0.000                             | 0.000                              | 0.000                                      | 0.000                         | 28.342   |
| 46   | 0.324   | 0.000                          | 0.000                         | 0.000       | 0.000  | 0.000                                  | 0.000                                | 0.000                       | 0.000                      | 0.000                       | 0.000                      | 0.000                         | 0.000                             | 2.775                             | 0.000                              | 2.930                           | 0.000                             | 0.000                              | 0.000                                      | 0.000                         | 6.029    |
| 47   | 0.431   | 3.849                          | 0.000                         | 0.000       | 0.000  | 0.000                                  | 0.000                                | 0.000                       | 0.000                      | 0.000                       | 0.000                      | 0.000                         | 0.000                             | 0.000                             | 1 262                              | 5 350                           | 0.000                             | 0.000                              | 0.000                                      | 0.000                         | 7 043    |
| 49   | 0.324   | 0.000                          | 0.000                         | 0.000       | 0.000  | 0.000                                  | 0.000                                | 0.000                       | 0.000                      | 0.000                       | 0.000                      | 0.000                         | 0.000                             | 0.000                             | 2.682                              | 7.617                           | 0.000                             | 0.000                              | 0.000                                      | 0.000                         | 10.623   |
| 50   | 0.324   | 0.000                          | 0.000                         | 0.000       | 0.000  | 0.000                                  | 0.000                                | 0.000                       | 0.000                      | 0.000                       | 0.000                      | 0.000                         | 0.000                             | 0.000                             | 0.920                              | 2.930                           | 0.000                             | 0.000                              | 0.000                                      | 0.000                         | 4.174    |
| 51   | 0.842   | 6.651                          | 0.375                         | 3.009       | 1.042  | 0.376                                  | 1.198                                | 2.963                       | 0.000                      | 0.000                       | 0.000                      | 0.000                         | 0.000                             | 0.000                             | 0.532                              | 2.257                           | 0.000                             | 0.000                              | 0.000                                      | 0.000                         | 19.246   |
| 52   | 0.431   | 4.997                          | 0.289                         | 0.000       | 1.042  | 0.000                                  | 1 198                                | 2 963                       | 0.000                      | 0.000                       | 0.000                      | 0.000                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 2 040                             | 0.000                              | 0.000                                      | 0.000                         | 8.292    |
| 54   | 0.431   | 4.997                          | 0.289                         | 0.000       | 1.042  | 0.000                                  | 0.000                                | 0.000                       | 0.000                      | 0.000                       | 0.000                      | 0.000                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 1.181                             | 0.000                              | 0.000                                      | 0.000                         | 7.940    |
| 55   | 0.324   | 3.849                          | 0.000                         | 0.000       | 0.000  | 0.000                                  | 0.000                                | 0.000                       | 0.000                      | 0.000                       | 0.000                      | 0.000                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 1.533                             | 0.000                              | 0.000                                      | 0.000                         | 5.706    |
| 56   | 0.592   | 6.651                          | 0.375                         | 3.009       | 1.042  | 0.376                                  | 0.000                                | 2.963                       | 0.000                      | 0.000                       | 0.000                      | 0.000                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 0.000                              | 0.000                                      | 0.000                         | 15.008   |
| 57   | 6.738   | 53.206                         | 1.455                         | 10.156      | 2.471  | 0.650                                  | 2.070                                | 5.120                       | 1.626                      | 0.381                       | 5.315                      | 1.993                         | 0.000                             | 0.000                             | 0.532                              | 0.000                           | 1.181                             | 0.000                              | 0.000                                      | 0.000                         | 92.894   |
| 58   | 0.431   | 103.919                        | 7.797                         | 7.133       | 1.801  | 1.895                                  | 2.840                                | 7.023                       | 2.230                      | 0.000                       | 4.094                      | 0.000                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 1.328                              | 0.000                                      | 0.000                         | 140.986  |
|      |   |                                |                               |             |  |  |                                      |                             | Calcula                    | ted from Ar                 | ppendix 4, a               | applvina ex                   | isting and c                      | committed s                       | store sizes i                      | in Appendi;                     | x 3 and par                       | ameters in                         | dicated in A                               | nnendix 6.                    | para, 9, |

## APPENDIX 8 — ATTRACTIVENESS FACTORS 2016 (CAR-OWNING MARKET, MEDIAN SCENARIO)

| Zone     | Cofferidge Cl.<br>Stony Stratford<br>MK11 1BY | Tesco<br>Wolverton<br>MK12 5RJ | Asda<br>Wolverton<br>MK12 5JQ | WEA Zone 10 | Sainsbury<br>Shenley Ch.<br>End<br>MK5 6JG/6JU | Aldi<br>Bradwell<br>Common<br>MK13 8BF | Marks &<br>Spencer<br>CMK<br>MK9 3PD | Sainsbury<br>CMK<br>MK9 2FW | Waitrose<br>CMK<br>MK9 3NJ | Lidl<br>Oldbrook<br>MK6 2YA | Asda<br>Denbigh<br>MK1 1QB | Tesco<br>Bletchley<br>MK1 1DD | Sainsbury<br>Bletchley<br>MK2 2JS | Morrisons<br>Westcroft<br>MK4 4DD | Waitrose<br>Buckingham<br>MK18 1RS | Tesco<br>Buckingham<br>MK18 1AB | Waitrose<br>Towcester<br>NN12 6HZ | Tesco<br>Newport Pagnell<br>MK16 9AW | Marks &<br>Spencer<br>Kingston<br>MK10 0BA | Tesco<br>Kingston<br>MK10 0AH | TOTAL              |
|----------|---|--------------------------------|-------------------------------|-------------|--|--|--------------------------------------|-----------------------------|----------------------------|-----------------------------|----------------------------|-------------------------------|-----------------------------------|-----------------------------------|------------------------------------|---------------------------------|-----------------------------------|--------------------------------------|--|-------------------------------|--------------------|
| 1a       | 35.523  | 53.206                         | 1.455                         | 10.156      | 2.471  | 0.650                                  | 1.555                                | 3.847                       | 0.000                      | 0.000                       | 0.000                      | 0.000                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 0.000                                | 0.000                                      | 0.000                         | 108.863            |
| 1b       | 35.523  | 103.919                        | 2.310                         | 15.160      | 3.518  | 0.892                                  | 2.070                                | 5.120                       | 1.222                      | 0.495                       | 5.315                      | 0.000                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 0.000                                | 0.000                                      | 0.000                         | 175.543            |
| 1d       | 119.889                                       | 19.390                         | 0.975                         | 10.156      | 2.471  | 0.488                                  | 0.000                                | 0.000                       | 0.000                      | 0.000                       | 0.000                      | 0.000                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 0.000                                | 0.000                                      | 0.000                         | 153.369            |
| 1e       | 119.889                                       | 53.206                         | 2.310                         | 24.074      | 5.251  | 0.892                                  | 1.555                                | 5.120                       | 1.222                      | 0.659                       | 5.315                      | 0.000                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 0.000                                | 0.000                                      | 0.000                         | 219.494            |
| 1f       | 119.889                                       | 30.791                         | 1.455                         | 24.074      | 3.518  | 0.892                                  | 1.555                                | 3.847                       | 1.222                      | 0.495                       | 0.000                      | 0.000                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 0.000                                | 0.000                                      | 0.000                         | 187.737            |
| 2        | 14.986  | 103.919                        | 3.992                         | 15.160      | 3.518  | 0.892                                  | 2.070                                | 5.120                       | 1.222                      | 0.495                       | 5.315                      | 0.000                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 0.000                                | 0.000                                      | 0.000                         | 156.688            |
| 4        | 119.889                                       | 30.791                         | 1.455                         | 24.074      | 3.518  | 0.892                                  | 1.555                                | 3.847                       | 0.000                      | 0.904                       | 0.000                      | 0.000                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 0.000                                | 0.000                                      | 0.000                         | 140.349            |
| 5        | 7.673   | 30.791                         | 3.992                         | 41.600      | 8.338  | 1.270                                  | 2.840                                | 7.023                       | 2.230                      | 0.904                       | 7.075                      | 2.587                         | 0.000                             | 3.603                             | 0.000                              | 0.000                           | 0.000                             | 0.000                                | 0.000                                      | 0.000                         | 119.925            |
| 6        | 4.440   | 831.350                        | 7.797                         | 15.160      | 3.518  | 1.270                                  | 2.840                                | 7.023                       | 1.626                      | 0.495                       | 7.075                      | 2.587                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 0.000                                | 0.000                                      | 0.000                         | 885.181            |
| 7        | 0.959   | 246.326                        | 18.481                        | 7 1 2 2     | 2.471  | 3.009                                  | 4.043                                | 10.000                      | 2.230                      | 0.659                       | 5.315                      | 0.000                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 1.767                                | 0.000                                      | 0.000                         | 305.417            |
| 9        | 2.796   | 831.350                        | 18.481                        | 10.156      | 2.471  | 1.270                                  | 2.070                                | 5.120                       | 1.626                      | 0.000                       | 5.315                      | 0.000                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 0.000                                | 0.000                                      | 0.000                         | 919.933<br>880.251 |
| 10       | 1.873   | 246.326                        | 18.481                        | 15.160      | 3.518  | 1.270                                  | 2.840                                | 7.023                       | 2.230                      | 0.659                       | 9.705                      | 2.587                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 1.328                                | 0.000                                      | 0.000                         | 313.000            |
| 11       | 4.440   | 53.206                         | 7.797                         | 41.600      | 8.338  | 1.895                                  | 4.043                                | 10.000                      | 3.176                      | 0.904                       | 9.705                      | 3.444                         | 0.000                             | 3.603                             | 0.000                              | 0.000                           | 0.000                             | 1.328                                | 0.000                                      | 0.000                         | 153.478            |
| 12       | 2.796   | 30.791                         | 3.992                         | 24.074      | 5.251  | 1.895                                  | 4.043                                | 10.000                      | 3.176                      | 0.659                       | 9.705                      | 3.444                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 1.328                                | 0.000                                      | 0.000                         | 101.152            |
| 14       | 0.721   | 103.919                        | 7.797                         | 192.393     | 2.471  | 3.009                                  | 4.043                                | 7.023                       | 3.176                      | 0.659                       | 5.315                      | 0.000                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 1.767                                | 0.000                                      | 0.000                         | 150.056            |
| 15       | 0.721   | 30.791                         | 2.310                         | 15.160      | 3.518  | 3.009                                  | 9.583                                | 14.927                      | 7.528                      | 0.904                       | 7.075                      | 2.587                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 3.451                                | 1.503                                      | 6.130                         | 109.196            |
| 16       | 0.721   | 30.791                         | 2.310                         | 15.160      | 3.518  | 5.200                                  | 16.560                               | 23.704                      | 7.528                      | 1.287                       | 7.075                      | 2.587                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 5.152                                | 2.000                                      | 6.130                         | 129.721            |
| 17       | 1.316   | 103.919                        | 7.797                         | 24.074      | 5.251  | 10.156                                 | 9.583                                | 14.927                      | 4.741                      | 1.287                       | 9.705                      | 3.444                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 3.451                                | 1.503                                      | 4.605                         | 205.758            |
| 19       | 2.790   | 103.919                        | 7.797                         | 24.074      | 5.251  | 3.009                                  | 4.043                                | 14.927                      | 3.176                      | 0.904                       | 13.818                     | 4.724                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 1.767                                | 0.000                                      | 0.000                         | 190.204            |
| 20       | 0.959   | 53.206                         | 1.455                         | 24.074      | 3.518  | 5.200                                  | 16.560                               | 23.704                      | 13.008                     | 1.287                       | 9.705                      | 2.587                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 5.152                                | 2.000                                      | 8.408                         | 170.822            |
| 21       | 0.721   | 30.791                         | 2.310                         | 15.160      | 3.518  | 5.200                                  | 16.560                               | 23.704                      | 13.008                     | 1.287                       | 9.705                      | 3.444                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 5.152                                | 2.000                                      | 8.408                         | 140.966            |
| 22       | 0.959   | 53.206                         | 2.310                         | 81.250      | 14.408   | 24.074                                 | 32.344                               | 40.960                      | 13.008                     | 3.051                       | 13.818                     | 4.724                         | 0.000                             | 4.796                             | 0.000                              | 0.000                           | 0.000                             | 2.424                                | 2.000                                      | 8.408                         | 301.740            |
| 23       | 0.959   | 30.791                         | 2.310                         | 41 600      | 8 338  | 10 156                                 | 9 583                                | 23 704                      | 7 528                      | 1 287                       | 9.705                      | 3 444                         | 0.000                             | 3 603                             | 0.000                              | 0.000                           | 0.000                             | 2.424                                | 1 503                                      | 6 1 30                        | 163.063            |
| 25       | 0.721   | 19.390                         | 3.992                         | 24.074      | 14.408   | 81.250                                 | 76.667                               | 189.630                     | 25.406                     | 3.051                       | 20.626                     | 4.724                         | 1.043                             | 4.796                             | 0.000                              | 0.000                           | 0.000                             | 3.451                                | 3.906                                      | 11.972                        | 489.105            |
| 26       | 0.959   | 30.791                         | 2.310                         | 41.600      | 8.338  | 81.250                                 | 32.344                               | 80.000                      | 13.008                     | 3.051                       | 13.818                     | 3.444                         | 0.000                             | 3.603                             | 0.000                              | 0.000                           | 0.000                             | 3.451                                | 2.743                                      | 8.408                         | 329.118            |
| 27       | 0.721   | 30.791                         | 2.310                         | 41.600      | 8.338  | 10.156                                 | 76.667                               | 80.000                      | 25.406                     | 1.921                       | 13.818                     | 4.724                         | 1.043                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 5.152                                | 3.906                                      | 11.972                        | 318.524            |
| 20       | 1.873   | 30.791                         | 2.310                         | 81.250      | 14.408   | 5.200                                  | 6.035                                | 14.927                      | 3.176                      | 0.904                       | 13.818                     | 4.724                         | 0.000                             | 4.796                             | 0.000                              | 0.000                           | 0.000                             | 1.767                                | 0.000                                      | 0.000                         | 185.978            |
| 30       | 1.873   | 19.390                         | 2.310                         | 192.593     | 28.141   | 10.156                                 | 9.583                                | 23.704                      | 4.741                      | 1.921                       | 9.705                      | 4.724                         | 0.000                             | 6.578                             | 0.000                              | 0.000                           | 0.000                             | 1.767                                | 1.503                                      | 4.605                         | 323.294            |
| 31       | 1.316   | 19.390                         | 0.975                         | 81.250      | 66.704   | 5.200                                  | 16.560                               | 40.960                      | 7.528                      | 1.921                       | 20.626                     | 6.726                         | 1.388                             | 9.367                             | 0.000                              | 0.000                           | 0.000                             | 1.328                                | 1.503                                      | 6.130                         | 288.869            |
| 32       | 1.873   | 12.990                         | 0.975                         | 192.593     | 66.704   | 3.009                                  | 6.035                                | 23.704                      | 4.741                      | 3.051                       | 13.818                     | 6.726                         | 1.043                             | 9.367                             | 0.000                              | 0.000                           | 0.000                             | 0.000                                | 1.503                                      | 0.000                         | 348.129            |
| 33       | 1 316   | 9 1 2 3                        | 0.684                         | 41.600      | 28.141   | 3.009                                  | 6.035                                | 40.960                      | 3.176                      | 5 272                       | 20.626                     | 4.724                         | 0.000                             | 9 367                             | 0.000                              | 0.000                           | 0.000                             | 0.000                                | 2 000                                      | 4 605                         | 2001 415           |
| 35       | 0.959   | 9.123                          | 0.684                         | 81.250      | 28.141   | 1.895                                  | 6.035                                | 14.927                      | 3.176                      | 1.921                       | 9.705                      | 4.724                         | 1.043                             | 13.982                            | 0.000                              | 0.000                           | 0.000                             | 0.000                                | 1.503                                      | 0.000                         | 179.067            |
| 36       | 0.959   | 4.997                          | 0.499                         | 41.600      | 66.704   | 1.270                                  | 6.035                                | 40.960                      | 4.741                      | 5.272                       | 20.626                     | 10.040                        | 1.904                             | 13.982                            | 0.000                              | 0.000                           | 0.000                             | 0.000                                | 2.743                                      | 6.130                         | 228.460            |
| 37       | 0.959   | 9.123                          | 0.499                         | 41.600      | 66.704   | 1.895                                  | 9.583                                | 80.000                      | 7.528                      | 10.297                      | 32.753                     | 10.040                        | 1.904                             | 13.982                            | 0.000                              | 0.000                           | 0.000                             | 0.000                                | 2.743                                      | 8.408                         | 298.018            |
| 38       | 0.721   | 4.997                          | 0.375                         | 24.074      | 28.141   | 0.892                                  | 4.043                                | 23,704                      | 4.741                      | 5.272                       | 32.753                     | 15.943                        | 1.904                             | 38.366                            | 0.000                              | 0.000                           | 0.000                             | 0.000                                | 2.743                                      | 8.408                         | 196.673            |
| 40       | 0.721   | 4.997                          | 0.375                         | 41.600      | 28.141   | 0.892                                  | 4.043                                | 40.960                      | 3.176                      | 5.272                       | 20.626                     | 10.040                        | 1.388                             | 22.202                            | 0.000                              | 0.000                           | 0.000                             | 0.000                                | 2.743                                      | 6.130                         | 193.304            |
| 41       | 0.959   | 6.651                          | 0.499                         | 81.250      | 28.141   | 1.270                                  | 4.043                                | 14.927                      | 3.176                      | 1.921                       | 9.705                      | 4.724                         | 1.043                             | 22.202                            | 0.000                              | 0.000                           | 0.000                             | 0.000                                | 1.503                                      | 0.000                         | 182.012            |
| 42       | 2.796   | 19.390                         | 0.975                         | 650.000     | 66.704   | 5.200                                  | 6.035                                | 14.927                      | 3.176                      | 1.287                       | 9.705                      | 3.444                         | 1.043                             | 9.367                             | 0.000                              | 0.000                           | 0.000                             | 1.328                                | 1.503                                      | 0.000                         | 796.878            |
| 44       | 7.673   | 12.990                         | 1.455                         | 81.250      | 14.408   | 1.895                                  | 2.840                                | 7.023                       | 1.626                      | 1.287                       | 7.075                      | 2.587                         | 0.000                             | 4.796                             | 0.000                              | 0.000                           | 0.000                             | 1.023                                | 0.000                                      | 0.000                         | 147.927            |
| 45       | 0.721   | 0.000                          | 0.000                         | 5.200       | 1.801  | 0.000                                  | 0.000                                | 3.847                       | 0.000                      | 0.495                       | 5.315                      | 1.993                         | 0.000                             | 9.367                             | 0.000                              | 0.000                           | 0.000                             | 0.000                                | 0.000                                      | 0.000                         | 28.738             |
| 46       | 0.721   | 0.000                          | 0.000                         | 0.000       | 0.000  | 0.000                                  | 0.000                                | 0.000                       | 0.000                      | 0.000                       | 0.000                      | 0.000                         | 0.000                             | 2.775                             | 0.000                              | 2.930                           | 0.000                             | 0.000                                | 0.000                                      | 0.000                         | 6.426              |
| 47       | 2.796   | 3.849                          | 0.000                         | 0.000       | 0.000  | 0.000                                  | 0.000                                | 0.000                       | 0.000                      | 0.000                       | 0.000                      | 0.000                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 0.000                                | 0.000                                      | 0.000                         | 6.645              |
| 40       | 0.939   | 0.000                          | 0.000                         | 0.000       | 0.000  | 0.000                                  | 0.000                                | 0.000                       | 0.000                      | 0.000                       | 0.000                      | 0.000                         | 0.000                             | 0.000                             | 2.682                              | 7.617                           | 0.000                             | 0.000                                | 0.000                                      | 0.000                         | 11.020             |
| 50       | 0.721   | 0.000                          | 0.000                         | 0.000       | 0.000  | 0.000                                  | 0.000                                | 0.000                       | 0.000                      | 0.000                       | 0.000                      | 0.000                         | 0.000                             | 0.000                             | 0.920                              | 2.930                           | 0.000                             | 0.000                                | 0.000                                      | 0.000                         | 4.571              |
| 51       | 1.873   | 6.651                          | 0.375                         | 3.009       | 1.042  | 0.376                                  | 1.198                                | 2.963                       | 0.000                      | 0.000                       | 0.000                      | 0.000                         | 0.000                             | 0.000                             | 0.532                              | 2.257                           | 0.000                             | 0.000                                | 0.000                                      | 0.000                         | 20.277             |
| 52       | 0.959   | 4.997                          | 0.289                         | 0.000       | 1.042  | 0.000                                  | 0.000                                | 0.000                       | 0.000                      | 0.000                       | 0.000                      | 0.000                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 1.533                             | 0.000                                | 0.000                                      | 0.000                         | 8.820              |
| 53<br>54 | 1.316   | 0.651<br>4 997                 | 0.375                         | 3.907       | 1.353  | 0.376                                  | 1.198                                | 2.963                       | 0.941                      | 0.000                       | 0.000                      | 0.000                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 2.040                             | 0.000                                | 0.000                                      | 0.000                         | 21.119             |
| 55       | 0.721   | 3.849                          | 0.000                         | 0.000       | 0.000  | 0.000                                  | 0.000                                | 0.000                       | 0.000                      | 0.000                       | 0.000                      | 0.000                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 1.533                             | 0.000                                | 0.000                                      | 0.000                         | 6.102              |
| 56       | 1.316   | 6.651                          | 0.375                         | 3.009       | 1.042  | 0.376                                  | 0.000                                | 2.963                       | 0.000                      | 0.000                       | 0.000                      | 0.000                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 0.000                                | 0.000                                      | 0.000                         | 15.732             |
| 57       | 14.986  | 53.206                         | 1.455                         | 10.156      | 2.471  | 0.650                                  | 2.070                                | 5.120                       | 1.626                      | 0.381                       | 5.315                      | 1.993                         | 0.000                             | 0.000                             | 0.532                              | 0.000                           | 1.181                             | 0.000                                | 0.000                                      | 0.000                         | 101.143            |
| 58<br>59 | 0.959   | 6.651<br>103 919               | 0.375                         | 0.000       | 0.000  | 0.000                                  | 0.000                                | 0.000                       | 0.000                      | 0.000                       | 0.000                      | 0.000                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 0.000                                | 0.000                                      | 0.000                         | 7.985              |
| 59       | 0.959   | 100.919                        | 1.131                         | /.133       | 1.001  | 1.095                                  | 2.040                                | 1.023                       | Calci                      | ilated from                 | Annendiy /                 | 1 annlvina                    | ovisting an                       | d committe                        | d stora size                       | s in Anner                      | div 3 and r                       | 1.J20                                | indicated in                               | Annendi                       | 6 nara 0           |

ed from Appendix 4, applying existing and committed store sizes in Appendix 3 and parameters indicated in Appendix 6

## APPENDIX 9 — ATTRACTIVENESS FACTORS 2016 (CAR-OWNING MARKET, MAXIMUM SCENARIO)

| Zone | Cofferidge Cl.<br>Stony Stratford<br>MK11 1BY | Tesco<br>Wolverton<br>MK12 5RJ | Asda<br>Wolverton<br>MK12 5JQ | WEA Zone 10 | Sainsbury<br>Shenley Ch.<br>End<br>MK5 6JG/6JU | Aldi<br>Bradwell<br>Common<br>MK13 8BF | Marks &<br>Spencer<br>CMK<br>MK9 3PD | Sainsbury<br>CMK<br>MK9 2FW | Waitrose<br>CMK<br>MK9 3NJ | Lidl<br>Oldbrook<br>MK6 2YA | Asda<br>Denbigh<br>MK1 1QB | Tesco<br>Bletchley<br>MK1 1DD | Sainsbury<br>Bletchley<br>MK2 2JS | Morrisons<br>Westcroft<br>MK4 4DD | Waitrose<br>Buckingham<br>MK18 1RS | Tesco<br>Buckingham<br>MK18 1AB | Waitrose<br>Towcester<br>NN12 6HZ | Tesco<br>Newport Pagnel<br>MK16 9AW | Marks &<br>Spencer<br>Kingston<br>MK10 0BA | Tesco<br>Kingston<br>MK10 0AH | TOTAL   |
|------|---|--------------------------------|-------------------------------|-------------|--|--|--------------------------------------|-----------------------------|----------------------------|-----------------------------|----------------------------|-------------------------------|-----------------------------------|-----------------------------------|------------------------------------|---------------------------------|-----------------------------------|-------------------------------------|--|-------------------------------|---------|
| 1a   | 55.074  | 53.206                         | 1.455                         | 10.156      | 2.471  | 0.650                                  | 1.555                                | 3.847                       | 0.000                      | 0.000                       | 0.000                      | 0.000                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 0.000                               | 0.000                                      | 0.000                         | 128.414 |
| 1b   | 55.074<br>185.875                             | 103.919                        | 2.310                         | 15.160      | 3.518  | 0.892                                  | 2.070                                | 5.120                       | 1.222                      | 0.495                       | 5.315                      | 0.000                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 0.000                               | 0.000                                      | 0.000                         | 195.095 |
| 1d   | 185.875                                       | 19.390                         | 0.975                         | 10.156      | 2.471  | 0.488                                  | 0.000                                | 0.000                       | 0.000                      | 0.000                       | 0.000                      | 0.000                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 0.000                               | 0.000                                      | 0.000                         | 219.355 |
| 1e   | 185.875                                       | 53.206                         | 2.310                         | 24.074      | 5.251  | 0.892                                  | 1.555                                | 5.120                       | 1.222                      | 0.659                       | 5.315                      | 0.000                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 0.000                               | 0.000                                      | 0.000                         | 285.479 |
| 1f   | 185.875                                       | 30.791                         | 1.455                         | 24.074      | 3.518  | 0.892                                  | 1.555                                | 3.847                       | 1.222                      | 0.495                       | 0.000                      | 0.000                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 0.000                               | 0.000                                      | 0.000                         | 253.723 |
| 2    | 23.234  | 103.919                        | 3.992                         | 15.160      | 3.518  | 0.892                                  | 2.070                                | 5.120                       | 1.222                      | 0.495                       | 5.315                      | 0.000                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 0.000                               | 0.000                                      | 0.000                         | 164.937 |
| 4    | 185.875                                       | 30.791                         | 1.455                         | 24.074      | 3.518  | 0.892                                  | 1.555                                | 3.847                       | 0.000                      | 0.495                       | 0.000                      | 0.000                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 0.000                               | 0.000                                      | 0.000                         | 252.501 |
| 5    | 11.896  | 30.791                         | 3.992                         | 41.600      | 8.338  | 1.270                                  | 2.840                                | 7.023                       | 2.230                      | 0.904                       | 7.075                      | 2.587                         | 0.000                             | 3.603                             | 0.000                              | 0.000                           | 0.000                             | 0.000                               | 0.000                                      | 0.000                         | 124.148 |
| 6    | 6.884   | 831.350                        | 7.797                         | 15.160      | 3.518  | 1.270                                  | 2.840                                | 7.023                       | 1.626                      | 0.495                       | 7.075                      | 2.587                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 0.000                               | 0.000                                      | 0.000                         | 887.624 |
| 8    | 2 904   | 240.320<br>831 350             | 62 375                        | 7 133       | 2.471  | 1 270                                  | 2 070                                | 5 120                       | 1 626                      | 0.059                       | 5 315                      | 0.000                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 0.000                               | 0.000                                      | 0.000                         | 920 964 |
| 9    | 4.335   | 831.350                        | 18.481                        | 10.156      | 2.471  | 1.270                                  | 2.070                                | 5.120                       | 1.222                      | 0.000                       | 5.315                      | 0.000                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 0.000                               | 0.000                                      | 0.000                         | 881.790 |
| 10   | 2.904   | 246.326                        | 18.481                        | 15.160      | 3.518  | 1.270                                  | 2.840                                | 7.023                       | 2.230                      | 0.659                       | 9.705                      | 2.587                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 1.328                               | 0.000                                      | 0.000                         | 314.031 |
| 11   | 6.884   | 53.206                         | 7.797                         | 41.600      | 8.338  | 1.895                                  | 4.043                                | 10.000                      | 3.176                      | 0.904                       | 9.705                      | 3.444                         | 0.000                             | 3.603                             | 0.000                              | 0.000                           | 0.000                             | 1.328                               | 0.000                                      | 0.000                         | 155.922 |
| 13   | 4.335   | 19.390                         | 1.455                         | 192.593     | 28.141   | 3.009                                  | 4.043                                | 14.927                      | 3.176                      | 1.921                       | 9.705                      | 4.724                         | 0.000                             | 6.578                             | 0.000                              | 0.000                           | 0.000                             | 1.328                               | 0.000                                      | 0.000                         | 295.324 |
| 14   | 1.117   | 103.919                        | 7.797                         | 10.156      | 2.471  | 3.009                                  | 4.043                                | 7.023                       | 3.176                      | 0.659                       | 5.315                      | 0.000                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 1.767                               | 0.000                                      | 0.000                         | 150.452 |
| 15   | 1.117   | 30.791                         | 2.310                         | 15.160      | 3.518  | 3.009                                  | 9.583                                | 14.927                      | 7.528                      | 0.904                       | 7.075                      | 2.587                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 3.451                               | 1.503                                      | 6.130                         | 109.593 |
| 16   | 2 040   | 30.791                         | 2.310                         | 24 074      | 5 251  | 5.200                                  | 9 583                                | 23.704                      | 4 741                      | 1.287                       | 9 705                      | 2.587                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 3 451                               | 2.000                                      | 4 605                         | 206 482 |
| 18   | 4.335   | 246.326                        | 7.797                         | 24.074      | 5.251  | 10.156                                 | 9.583                                | 14.927                      | 4.741                      | 1.287                       | 9.705                      | 3.444                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 3.451                               | 1.503                                      | 4.605                         | 351.184 |
| 19   | 4.335   | 103.919                        | 7.797                         | 24.074      | 5.251  | 3.009                                  | 4.043                                | 14.927                      | 3.176                      | 0.904                       | 13.818                     | 4.724                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 1.767                               | 0.000                                      | 0.000                         | 191.743 |
| 20   | 1.487   | 53.206                         | 1.455                         | 24.074      | 3.518  | 5.200                                  | 16.560                               | 23.704                      | 13.008                     | 1.287                       | 9.705                      | 2.587                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 5.152                               | 2.000                                      | 8.408                         | 171.350 |
| 22   | 1.487   | 53.206                         | 2.310                         | 81.250      | 14.408   | 24.074                                 | 32.344                               | 40.960                      | 13.008                     | 3.051                       | 13.818                     | 4.724                         | 0.000                             | 4,796                             | 0.000                              | 0.000                           | 0.000                             | 2.424                               | 2.000                                      | 8.408                         | 302.267 |
| 23   | 1.487   | 30.791                         | 2.310                         | 24.074      | 5.251  | 5.200                                  | 6.035                                | 14.927                      | 4.741                      | 0.904                       | 9.705                      | 2.587                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 2.424                               | 0.000                                      | 0.000                         | 110.435 |
| 24   | 1.487   | 30.791                         | 2.310                         | 41.600      | 8.338  | 10.156                                 | 9.583                                | 23.704                      | 7.528                      | 1.287                       | 9.705                      | 3.444                         | 0.000                             | 3.603                             | 0.000                              | 0.000                           | 0.000                             | 2.424                               | 1.503                                      | 6.130                         | 163.591 |
| 25   | 1.117   | 30 791                         | 2 310                         | 24.074      | 14.408   | 81.250                                 | 32 344                               | 80 000                      | 25.406                     | 3.051                       | 20.626                     | 4.724                         | 0.000                             | 4.796                             | 0.000                              | 0.000                           | 0.000                             | 3.451                               | 2 743                                      | 8 408                         | 489.502 |
| 27   | 1.117   | 30.791                         | 2.310                         | 41.600      | 8.338  | 10.156                                 | 76.667                               | 80.000                      | 25.406                     | 1.921                       | 13.818                     | 4.724                         | 1.043                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 5.152                               | 3.906                                      | 11.972                        | 318.920 |
| 28   | 0.000   | 19.390                         | 0.975                         | 15.160      | 8.338  | 10.156                                 | 76.667                               | 80.000                      | 60.222                     | 3.051                       | 20.626                     | 6.726                         | 1.043                             | 3.603                             | 0.000                              | 0.000                           | 0.000                             | 3.451                               | 3.906                                      | 17.870                        | 331.184 |
| 29   | 2.904   | 30.791                         | 2.310                         | 81.250      | 14.408   | 5.200                                  | 6.035                                | 14.927                      | 3.176                      | 0.904                       | 13.818                     | 4.724                         | 0.000                             | 4.796                             | 0.000                              | 0.000                           | 0.000                             | 1.767                               | 0.000                                      | 0.000                         | 187.009 |
| 31   | 2.040   | 19.390                         | 0.975                         | 81.250      | 66.704   | 5.200                                  | 16.560                               | 40.960                      | 7.528                      | 1.921                       | 20.626                     | 6.726                         | 1.388                             | 9.367                             | 0.000                              | 0.000                           | 0.000                             | 1.328                               | 1.503                                      | 6.130                         | 289.593 |
| 32   | 2.904   | 12.990                         | 0.975                         | 192.593     | 66.704   | 3.009                                  | 6.035                                | 23.704                      | 4.741                      | 3.051                       | 13.818                     | 6.726                         | 1.043                             | 9.367                             | 0.000                              | 0.000                           | 0.000                             | 0.000                               | 1.503                                      | 0.000                         | 349.160 |
| 33   | 1.487   | 12.990                         | 0.684                         | 41.600      | 28.141   | 3.009                                  | 6.035                                | 14.927                      | 3.176                      | 1.921                       | 13.818                     | 4.724                         | 0.000                             | 6.578                             | 0.000                              | 0.000                           | 0.000                             | 0.000                               | 0.000                                      | 0.000                         | 139.090 |
| 35   | 2.040   | 9.123                          | 0.684                         | 81.250      | 28.141   | 1.895                                  | 6.035                                | 14.927                      | 3.176                      | 1.921                       | 9,705                      | 4.724                         | 1.043                             | 13.982                            | 0.000                              | 0.000                           | 0.000                             | 0.000                               | 1.503                                      | 0.000                         | 179.595 |
| 36   | 1.487   | 4.997                          | 0.499                         | 41.600      | 66.704   | 1.270                                  | 6.035                                | 40.960                      | 4.741                      | 5.272                       | 20.626                     | 10.040                        | 1.904                             | 13.982                            | 0.000                              | 0.000                           | 0.000                             | 0.000                               | 2.743                                      | 6.130                         | 228.988 |
| 37   | 1.487   | 9.123                          | 0.499                         | 41.600      | 66.704   | 1.895                                  | 9.583                                | 80.000                      | 7.528                      | 10.297                      | 32.753                     | 10.040                        | 1.904                             | 13.982                            | 0.000                              | 0.000                           | 0.000                             | 0.000                               | 2.743                                      | 8.408                         | 298.546 |
| 38   | 1.117   | 4.997                          | 0.375                         | 24.074      | 28.141   | 0.892                                  | 4.043                                | 40.960                      | 4.741                      | 5.272                       | 32.753                     | 15.943                        | 1.904                             | 13.982                            | 0.000                              | 0.000                           | 0.000                             | 0.000                               | 2.743                                      | 6.130<br>8.408                | 197.069 |
| 40   | 1.117   | 4.997                          | 0.375                         | 41.600      | 28.141   | 0.892                                  | 4.043                                | 40.960                      | 3.176                      | 5.272                       | 20.626                     | 10.040                        | 1.388                             | 22.202                            | 0.000                              | 0.000                           | 0.000                             | 0.000                               | 2.743                                      | 6.130                         | 193.701 |
| 41   | 1.487   | 6.651                          | 0.499                         | 81.250      | 28.141   | 1.270                                  | 4.043                                | 14.927                      | 3.176                      | 1.921                       | 9.705                      | 4.724                         | 1.043                             | 22.202                            | 0.000                              | 0.000                           | 0.000                             | 0.000                               | 1.503                                      | 0.000                         | 182.540 |
| 42   | 4.335   | 19.390                         | 0.975                         | 650.000     | 66.704<br>14.408                               | 5.200                                  | 6.035<br>4.043                       | 14.927                      | 3.176                      | 1.287                       | 9.705                      | 3.444                         | 1.043                             | 9.367                             | 0.000                              | 0.000                           | 0.000                             | 1.328                               | 1.503                                      | 0.000                         | 798.417 |
| 44   | 11.896  | 12.990                         | 1.455                         | 81.250      | 14.408   | 1.895                                  | 2.840                                | 7.023                       | 1.626                      | 1.287                       | 7.075                      | 2.587                         | 0.000                             | 4.796                             | 0.000                              | 0.000                           | 0.000                             | 1.023                               | 0.000                                      | 0.000                         | 152.150 |
| 45   | 1.117   | 0.000                          | 0.000                         | 5.200       | 1.801  | 0.000                                  | 0.000                                | 3.847                       | 0.000                      | 0.495                       | 5.315                      | 1.993                         | 0.000                             | 9.367                             | 0.000                              | 0.000                           | 0.000                             | 0.000                               | 0.000                                      | 0.000                         | 29.135  |
| 46   | 1.117   | 0.000                          | 0.000                         | 0.000       | 0.000  | 0.000                                  | 0.000                                | 0.000                       | 0.000                      | 0.000                       | 0.000                      | 0.000                         | 0.000                             | 2.775                             | 0.000                              | 2.930                           | 0.000                             | 0.000                               | 0.000                                      | 0.000                         | 6.823   |
| 47   | 4.335   | 3.849                          | 0.000                         | 0.000       | 0.000  | 0.000                                  | 0.000                                | 0.000                       | 0.000                      | 0.000                       | 0.000                      | 0.000                         | 0.000                             | 0.000                             | 1.262                              | 5.350                           | 0.000                             | 0.000                               | 0.000                                      | 0.000                         | 8.184   |
| 49   | 1.117   | 0.000                          | 0.000                         | 0.000       | 0.000  | 0.000                                  | 0.000                                | 0.000                       | 0.000                      | 0.000                       | 0.000                      | 0.000                         | 0.000                             | 0.000                             | 2.682                              | 7.617                           | 0.000                             | 0.000                               | 0.000                                      | 0.000                         | 11.417  |
| 50   | 1.117   | 0.000                          | 0.000                         | 0.000       | 0.000  | 0.000                                  | 0.000                                | 0.000                       | 0.000                      | 0.000                       | 0.000                      | 0.000                         | 0.000                             | 0.000                             | 0.920                              | 2.930                           | 0.000                             | 0.000                               | 0.000                                      | 0.000                         | 4.967   |
| 51   | 2.904   | 6.651                          | 0.375                         | 3.009       | 1.042  | 0.376                                  | 1.198                                | 2.963                       | 0.000                      | 0.000                       | 0.000                      | 0.000                         | 0.000                             | 0.000                             | 0.532                              | 2.257                           | 0.000                             | 0.000                               | 0.000                                      | 0.000                         | 21.308  |
| 53   | 2.040   | 6.651                          | 0.269                         | 3.907       | 1.353  | 0.000                                  | 1.198                                | 2.963                       | 0.941                      | 0.000                       | 0.000                      | 0.000                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 2.040                             | 0.000                               | 0.000                                      | 0.000                         | 21.843  |
| 54   | 1.487   | 4.997                          | 0.289                         | 0.000       | 1.042  | 0.000                                  | 0.000                                | 0.000                       | 0.000                      | 0.000                       | 0.000                      | 0.000                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 1.181                             | 0.000                               | 0.000                                      | 0.000                         | 8.995   |
| 55   | 1.117   | 3.849                          | 0.000                         | 0.000       | 0.000  | 0.000                                  | 0.000                                | 0.000                       | 0.000                      | 0.000                       | 0.000                      | 0.000                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 1.533                             | 0.000                               | 0.000                                      | 0.000                         | 6.499   |
| 56   | 2.040   | 6.651<br>53.206                | 0.375                         | 3.009       | 1.042<br>2.471                                 | 0.376                                  | 0.000                                | 2.963                       | 0.000                      | 0.000                       | 0.000                      | 0.000                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 0.000                               | 0.000                                      | 0.000                         | 16.456  |
| 58   | 1.487   | 6.651                          | 0.375                         | 0.000       | 0.000  | 0.000                                  | 0.000                                | 0.000                       | 0.000                      | 0.000                       | 0.000                      | 0.000                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 0.000                               | 0.000                                      | 0.000                         | 8.513   |
| 59   | 1.487   | 103.919                        | 7.797                         | 7.133       | 1.801  | 1.895                                  | 2.840                                | 7.023                       | 2.230                      | 0.495                       | 4.094                      | 0.000                         | 0.000                             | 0.000                             | 0.000                              | 0.000                           | 0.000                             | 1.328                               | 0.000                                      | 0.000                         | 142.042 |

## APPENDIX 10 — ATTRACTIVENESS FACTORS 2016 (NON-CAR-OWNING MARKET)

| Zoi | a<br>Cofferidge Cl.<br>Stony Stratford<br>MK11 1BY | Tesco<br>Wolverton<br>MK12 5RJ | Asda<br>Wolverton<br>MK12 5JQ | WEA Zone 10 | Sainsbury<br>Shenley Ch.<br>End<br>MK5 6JG/6JU | Aldi<br>Bradwell<br>Common<br>MK13 8BF | Marks &<br>Spencer<br>CMK<br>MK9 3PD | Sainsbury<br>CMK<br>MK9 2FW | Waitrose<br>CMK<br>MK9 3NJ | Lidl<br>Oldbrook<br>MK6 2YA | Asda<br>Denbigh<br>MK1 1QB | Tesco<br>Bletchley<br>MK1 1DD | Sainsbury<br>Bletchley<br>MK2 2JS | Morrisons<br>Westcroft<br>MK4 4DD | Waitrose<br>Buckingham<br>MK18 1RS | Tesco<br>Buckingham<br>MK18 1AB | Waitrose<br>Towcester<br>NN12 6HZ | Tesco<br>Newport Pagnell<br>MK16 9AW | Marks &<br>Spencer<br>Kingston<br>MK10 0BA | Tesco<br>Kingston<br>MK10 0AH | TOTAL              |
|-----|--|--------------------------------|-------------------------------|-------------|--|--|--------------------------------------|-----------------------------|----------------------------|-----------------------------|----------------------------|-------------------------------|-----------------------------------|-----------------------------------|------------------------------------|---------------------------------|-----------------------------------|--------------------------------------|--|-------------------------------|--------------------|
| 1   | a 26.6003  | 5.8709<br>6 9761               | 0.4873                        | 0.0000      | 0.0000   | 0.0000                                 | 0.8159                               | 1.4854                      | 0.5762                     | 0.0000                      | 0.0000                     | 0.0000                        | 0.0000                            | 0.0000                            | 0.0000                             | 0.0000                          | 0.0000                            | 0.0000                               | 0.0000                                     | 0.0000                        | 35.8360<br>106.130 |
| 1   | 16.8629  | 3.2512                         | 0.2789                        | 0.0000      | 0.0000   | 0.0000                                 | 0.5465                               | 1.0386                      | 0.3919                     | 0.0000                      | 0.0000                     | 0.0000                        | 0.0000                            | 0.0000                            | 0.0000                             | 0.0000                          | 0.0000                            | 0.0000                               | 0.0000                                     | 0.0000                        | 22.3701            |
| 10  | 16.8629  | 3.2512                         | 0.2789                        | 0.0000      | 0.0000   | 0.0000                                 | 0.5465                               | 1.0386                      | 0.3919                     | 0.0000                      | 0.0000                     | 0.0000                        | 0.0000                            | 0.0000                            | 0.0000                             | 0.0000                          | 0.0000                            | 0.0000                               | 0.0000                                     | 0.0000                        | 22.3701            |
| 1   | 46.4688  | 4.9961                         | 0.4188                        | 0.0000      | 0.0000   | 0.0000                                 | 0.7336                               | 1.3516                      | 0.5203                     | 0.0000                      | 0.0000                     | 0.0000                        | 0.0000                            | 0.0000                            | 0.0000                             | 0.0000                          | 0.0000                            | 0.0000                               | 0.0000                                     | 0.0000                        | 54.4891            |
| 2   | 6.1193   | 5.8709                         | 0.4873                        | 0.0000      | 0.0000   | 0.0000                                 | 0.7336                               | 1.3516                      | 0.5203                     | 0.0000                      | 0.0000                     | 0.0000                        | 0.0000                            | 0.0000                            | 0.0000                             | 0.0000                          | 0.0000                            | 0.0000                               | 0.0000                                     | 0.0000                        | 15.0830            |
| 3   | 2.0276 8.2146                                      | 4.2935                         | 0.3630                        | 0.0000      | 0.0000   | 0.1435                                 | 1.0243                               | 1.8144                      | 0.7162                     | 0.0000                      | 0.0000                     | 0.0000                        | 0.0000                            | 0.0000                            | 0.0000                             | 0.0000                          | 0.0000                            | 0.0000                               | 0.0000                                     | 0.0000                        | 10.3826            |
| 5   | 1.7064   | 3.2512                         | 0.2789                        | 0.0000      | 0.0000   | 0.1886                                 | 0.5465                               | 1.0386                      | 0.3919                     | 0.0000                      | 0.0000                     | 0.0000                        | 0.0000                            | 0.0000                            | 0.0000                             | 0.0000                          | 0.0000                            | 0.0000                               | 0.0000                                     | 0.0000                        | 7.4022             |
| 6   | 1.7064   | 4 9961                         | 0.8189                        | 0.0000      | 0.0000   | 0.0000                                 | 0.0000                               | 0.0000                      | 0.0000                     | 0.0000                      | 0.0000                     | 0.0000                        | 0.0000                            | 0.0000                            | 0.0000                             | 0.0000                          | 0.0000                            | 0.4259                               | 0.0000                                     | 0.0000                        | 13.2072            |
| 8   | 1.4521   | 28.2622                        | 2.7566                        | 0.0000      | 0.0000   | 0.2080                                 | 0.0000                               | 0.0000                      | 0.3299                     | 0.0000                      | 0.0000                     | 0.0000                        | 0.0000                            | 0.0000                            | 0.0000                             | 0.0000                          | 0.0000                            | 0.6262                               | 0.0000                                     | 0.0000                        | 33.6350            |
| 9   | 0.9450   | 21.0535                        | 1.2434                        | 0.0000      | 0.0000   | 0.0000                                 | 0.0000                               | 0.0000                      | 0.0000                     | 0.0000                      | 0.0000                     | 0.0000                        | 0.0000                            | 0.0000                            | 0.0000                             | 0.0000                          | 0.0000                            | 0.5126                               | 0.0000                                     | 0.0000                        | 23.7545            |
| 1   | 0.7358   | 4.9961                         | 0.4188                        | 0.0000      | 0.0000   | 0.0000                                 | 0.0000                               | 0.0000                      | 0.0000                     | 0.0000                      | 0.0000                     | 0.0000                        | 0.0000                            | 0.0000                            | 0.0000                             | 0.0000                          | 0.0000                            | 0.4259                               | 0.0000                                     | 0.0000                        | 6.1507             |
| 12  | 0.5861   | 2.5315                         | 0.2198                        | 0.0000      | 0.0609   | 0.2562                                 | 0.0000                               | 0.0000                      | 0.0000                     | 0.0000                      | 0.0000                     | 0.0000                        | 0.0000                            | 0.0000                            | 0.0000                             | 0.0000                          | 0.0000                            | 0.0000                               | 0.0000                                     | 0.0000                        | 3.6546             |
| 13  | B 0.5270   | 0.0000                         | 0.0000                        | 0.0000      | 0.0000   | 0.0000                                 | 0.6624                               | 1.2342                      | 0.4717                     | 0.0000                      | 0.0000                     | 0.0000                        | 0.0000                            | 0.0000                            | 0.0000                             | 0.0000                          | 0.0000                            | 0.0000                               | 0.0000                                     | 0.0000                        | 2.8953             |
| 1   | 0.0000   | 1.8130                         | 0.1597                        | 0.0000      | 0.0000   | 0.2080                                 | 0.0000                               | 0.0000                      | 0.3919                     | 0.0000                      | 0.0000                     | 0.0000                        | 0.0000                            | 0.0000                            | 0.0000                             | 0.0000                          | 0.0000                            | 0.0000                               | 0.0000                                     | 0.0000                        | 2.5726             |
| 10  | 0.0000   | 2.0166                         | 0.1768                        | 0.0000      | 0.0000   | 0.2080                                 | 0.6624                               | 1.3516                      | 0.3590                     | 0.0000                      | 0.0000                     | 0.0000                        | 0.0000                            | 0.0000                            | 0.0000                             | 0.0000                          | 0.0000                            | 0.0000                               | 0.0000                                     | 0.0000                        | 4.7745             |
| 18  | 0.0000<br>0.0000                                   | 2.8599                         | 0.2789                        | 0.0000      | 0.0000   | 0.3216                                 | 0.4571                               | 1.0386                      | 0.3299                     | 0.0000                      | 0.0000                     | 0.0000                        | 0.0000                            | 0.0000                            | 0.0000                             | 0.0000                          | 0.0000                            | 0.0000                               | 0.0000                                     | 0.0000                        | 5.6774             |
| 19  | 0.8313   | 3.7218                         | 0.2469                        | 0.0000      | 0.0000   | 0.2863                                 | 0.4199                               | 0.0000                      | 0.0000                     | 0.0000                      | 0.0000                     | 0.0000                        | 0.0000                            | 0.0000                            | 0.0000                             | 0.0000                          | 0.0000                            | 0.0000                               | 0.0000                                     | 0.0000                        | 5.5062             |
| 20  | 0.0000   | 1.4842                         | 0.1317                        | 0.0000      | 0.0000   | 0.1567                                 | 0.4199                               | 0.0000                      | 0.4293                     | 0.0000                      | 0.0000                     | 0.0000                        | 0.0000                            | 0.0000                            | 0.0000                             | 0.0000                          | 0.0000                            | 0.0000                               | 0.0000                                     | 0.0000                        | 2.6218             |
| 22  | 0.4758   | 2.2536                         | 0.1967                        | 0.0000      | 0.0000   | 0.7459                                 | 0.8159                               | 1.8144                      | 0.4717                     | 0.0000                      | 0.0000                     | 0.0000                        | 0.0000                            | 0.0000                            | 0.0000                             | 0.0000                          | 0.0000                            | 0.0000                               | 0.0000                                     | 0.0000                        | 6.7741             |
| 23  | 0.3926   | 1.2332                         | 0.1102                        | 0.0000      | 0.0000   | 0.2080                                 | 0.0000                               | 0.0000                      | 0.0000                     | 0.0000                      | 0.0000                     | 0.0000                        | 0.0000                            | 0.0000                            | 0.0000                             | 0.0000                          | 0.0000                            | 0.0000                               | 0.0000                                     | 0.0000                        | 1.9439             |
| 2   | 0.0000<br>0.0000                                   | 0.0000                         | 0.1012                        | 0.0000      | 0.0000   | 2.0555                                 | 2.0215                               | 1.2342<br>6.9815            | 0.3299                     | 0.0000                      | 0.0000                     | 0.0000                        | 0.0000                            | 0.0000                            | 0.0000                             | 0.0000                          | 0.0000                            | 0.0000                               | 0.0000                                     | 0.0000                        | 4.4621             |
| 26  | 0.0000   | 0.0000                         | 0.0000                        | 0.0000      | 0.0000   | 1.6197                                 | 1.5059                               | 4.2968                      | 0.5203                     | 0.0000                      | 0.0000                     | 0.0000                        | 0.0000                            | 0.0000                            | 0.0000                             | 0.0000                          | 0.0000                            | 0.0000                               | 0.0000                                     | 0.0000                        | 7.9427             |
| 2   | 0.0000 0.0000                                      | 1.1296                         | 0.1012                        | 0.0000      | 0.0000   | 0.1886                                 | 1.1572                               | 0.0000                      | 1.3646                     | 0.0000                      | 0.0000                     | 0.0000                        | 0.0000                            | 0.0000                            | 0.0000                             | 0.0000                          | 0.0000                            | 0.5654                               | 0.0000                                     | 0.0000                        | 4.5066             |
| 29  | 0.3017   | 1.8130                         | 0.1597                        | 0.0000      | 0.0801   | 0.0000                                 | 0.4990                               | 1.1305                      | 0.0000                     | 0.0000                      | 0.0000                     | 0.0000                        | 0.0000                            | 0.0000                            | 0.0000                             | 0.0000                          | 0.0000                            | 0.0000                               | 0.0000                                     | 0.0000                        | 3.9839             |
| 30  | 0.0000   | 1.4842                         | 0.1317                        | 0.0000      | 0.0978   | 0.1716                                 | 0.6005                               | 1.3516                      | 0.3299                     | 0.0000                      | 0.0000                     | 0.0000                        | 0.0000                            | 0.0000                            | 0.0000                             | 0.0000                          | 0.0000                            | 0.0000                               | 0.0000                                     | 0.0000                        | 4.1674             |
| 3.  | 2 0.0000   | 0.0000                         | 0.0000                        | 0.0000      | 0.2008   | 0.0000                                 | 0.8159                               | 1.8144                      | 0.4717                     | 0.0000                      | 0.0000                     | 0.0000                        | 0.0000                            | 0.0000                            | 0.0000                             | 0.0000                          | 0.0000                            | 0.0000                               | 0.0000                                     | 0.0000                        | 2.6822             |
| 33  | 0.0000   | 0.0000                         | 0.0000                        | 0.0000      | 0.1216   | 0.1319                                 | 0.7336                               | 1.3516                      | 0.4293                     | 0.0000                      | 0.0000                     | 0.0000                        | 0.0000                            | 0.0000                            | 0.0000                             | 0.0000                          | 0.0000                            | 0.0000                               | 0.0000                                     | 0.0000                        | 2.7679             |
| 34  | 0.0000   | 0.0000                         | 0.0000                        | 0.0000      | 4.9372   | 0.0000                                 | 1.1572                               | 1.3516                      | 0.4293                     | 0.0000                      | 0.0000                     | 0.0000                        | 0.0000                            | 0.7484                            | 0.0000                             | 0.0000                          | 0.0000                            | 0.0000                               | 0.0000                                     | 0.0000                        | 8.6236             |
| 30  | 0.0000   | 0.0000                         | 0.0000                        | 0.0000      | 0.3763   | 0.0000                                 | 0.6005                               | 1.1305                      | 0.3299                     | 0.0000                      | 0.0000                     | 0.0000                        | 0.0000                            | 1.8254                            | 0.0000                             | 0.0000                          | 0.0000                            | 0.0000                               | 0.0000                                     | 0.0000                        | 4.2627             |
| 37  | 0.0000   | 0.0000                         | 0.0000                        | 0.0000      | 0.1543   | 0.0000                                 | 1.0243                               | 1.8144                      | 0.5203                     | 0.0000                      | 0.0000                     | 0.0000                        | 0.0000                            | 2.0622                            | 0.0000                             | 0.0000                          | 0.0000                            | 0.0000                               | 0.0000                                     | 0.0000                        | 5.5755             |
| 39  | 0.0000   | 0.0000                         | 0.0000                        | 0.0000      | 0.3167   | 0.0000                                 | 0.5465                               | 0.0000                      | 0.0000                     | 0.0000                      | 0.0000                     | 0.0000                        | 0.2816                            | 2.3444                            | 0.0000                             | 0.0000                          | 0.0000                            | 0.0000                               | 0.0000                                     | 0.0000                        | 3.5268             |
| 40  | 0.0000   | 0.0000                         | 0.0000                        | 0.0000      | 0.1543   | 0.0000                                 | 0.4990                               | 0.0000                      | 0.0000                     | 0.0000                      | 0.0000                     | 0.0000                        | 0.0000                            | 2.6837                            | 0.0000                             | 0.0000                          | 0.0000                            | 0.0000                               | 0.0000                                     | 0.0000                        | 3.3369             |
| 4   | 0.0000   | 0.0000                         | 0.0000                        | 0.0000      | 0.0978   | 0.0000                                 | 0.4571                               | 0.0000                      | 0.0000                     | 0.0000                      | 0.0000                     | 0.0000                        | 0.0000                            | 1.1805                            | 0.0000                             | 0.0000                          | 0.0000                            | 0.0000                               | 0.0000                                     | 0.0000                        | 1.7354             |
| 43  | 0.0000   | 0.0000                         | 0.0000                        | 0.0000      | 0.0000   | 0.0000                                 | 0.0000                               | 0.0000                      | 0.0000                     | 0.0000                      | 0.0000                     | 0.0000                        | 0.0000                            | 0.0000                            | 0.0000                             | 0.0000                          | 0.0000                            | 0.0000                               | 0.0000                                     | 0.0000                        | 0.0000             |
| 44  | 0.0841   | 0.0000                         | 0.0000                        | 0.0000      | 0.0000   | 0.0000                                 | 0.2179                               | 0.4479                      | 0.1607                     | 0.0000                      | 0.0000                     | 0.0000                        | 0.0000                            | 0.0000                            | 0.0000                             | 0.0000                          | 0.0000                            | 0.0000                               | 0.0000                                     | 0.0000                        | 0.9106             |
| 46  | 6 0.0000   | 0.0000                         | 0.0000                        | 0.0000      | 0.0234   | 0.0000                                 | 0.0000                               | 0.0000                      | 0.0000                     | 0.0000                      | 0.0000                     | 0.0000                        | 0.0000                            | 0.0000                            | 0.0000                             | 0.0000                          | 0.0000                            | 0.0000                               | 0.0000                                     | 0.0000                        | 0.0234             |
| 4   | 0.0000   | 0.0000                         | 0.0000                        | 0.0000      | 0.0000   | 0.0000                                 | 0.0000                               | 0.0000                      | 0.0000                     | 0.0000                      | 0.0000                     | 0.0000                        | 0.0000                            | 0.0000                            | 0.0000                             | 0.0000                          | 0.0000                            | 0.0000                               | 0.0000                                     | 0.0000                        | 0.0000             |
| 48  | 0.0000   | 0.0000                         | 0.0000                        | 0.0000      | 0.0000   | 0.0000                                 | 0.0000                               | 0.0000                      | 0.0000                     | 0.0000                      | 0.0000                     | 0.0000                        | 0.0000                            | 0.0000                            | 0.0000                             | 0.0000                          | 0.0000                            | 0.0000                               | 0.0000                                     | 0.0000                        | 0.0000             |
| 50  | 0.6550   | 0.9187                         | 0.0829                        | 0.0000      | 0.0160   | 0.0387                                 | 0.2486                               | 0.5390                      | 0.1827                     | 0.0392                      | 0.0000                     | 0.0000                        | 0.0000                            | 0.0000                            | 0.0000                             | 0.0000                          | 0.0000                            | 0.0000                               | 0.0000                                     | 0.0000                        | 2.7207             |
| 5   | 0.5270   | 0.6813                         | 0.0620                        | 0.0000      | 0.0000   | 0.0368                                 | 0.2662                               | 0.5390                      | 0.1953                     | 0.0392                      | 0.0000                     | 0.0000                        | 0.0000                            | 0.0000                            | 0.0000                             | 0.0000                          | 0.2016                            | 0.0000                               | 0.0000                                     | 0.0000                        | 2.5484             |
| 53  | 0.1158   | 0.3873                         | 0.0357                        | 0.0000      | 0.0000   | 0.0000                                 | 0.1442                               | 0.3046                      | 0.1074                     | 0.0000                      | 0.0000                     | 0.0000                        | 0.0000                            | 0.0000                            | 0.0000                             | 0.0000                          | 0.4504                            | 0.0000                               | 0.0000                                     | 0.0000                        | 1.6503             |
| 54  | 0.4758   | 0.7318                         | 0.0665                        | 0.0000      | 0.0000   | 0.0407                                 | 0.2856                               | 0.5752                      | 0.1953                     | 0.0413                      | 0.0000                     | 0.0000                        | 0.0000                            | 0.2140                            | 0.0000                             | 0.0000                          | 0.0000                            | 0.0000                               | 0.0000                                     | 0.0000                        | 2.6262             |
| 5   | 0.0000<br>0.7358                                   | 0.0000                         | 0.0000                        | 0.0000      | 0.0000   | 0.0536                                 | 0.2856                               | 0.5752                      | 0.1953                     | 0.0485                      | 0.0000                     | 0.0000                        | 0.0000                            | 0.2793                            | 0.0000                             | 0.0000                          | 0.0000                            | 0.0000                               | 0.0000                                     | 0.0000                        | 2.9593             |
| 53  | 1.7064   | 1.5580                         | 0.1380                        | 0.0000      | 0.0000   | 0.0604                                 | 0.5465                               | 0.8839                      | 0.3919                     | 0.0651                      | 0.0000                     | 0.0000                        | 0.0000                            | 0.2956                            | 0.0000                             | 0.0000                          | 0.1214                            | 0.0000                               | 0.1221                                     | 0.2878                        | 6.1772             |
| 58  | 0.1727<br>0.2469                                   | 1.6371<br>2.8599               | 0.1448                        | 0.0000      | 0.0000   | 0.0730                                 | 0.1442                               | 0.3987                      | 0.1074                     | 0.0000                      | 0.0000                     | 0.0000                        | 0.0000                            | 0.0000                            | 0.0000                             | 0.0000                          | 0.0000                            | 0.0000                               | 0.0000                                     | 0.0000                        | 2.6779             |
|     | 5.2.55   | 2.0000                         |                               | 2.5000      | 2.0000   | 2.0001                                 |                                      |                             | Colo                       | ulated from                 | Annondiv                   | E opplying                    | ovicting on                       | doommitte                         | ad ators air                       | oo in Annor                     | adiv 2 opd r                      | oromotor                             | indicated i                                | n Annondi                     | (6 porp (          |

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## APPENDIX 11 – MARKET SHARES 2016 (CAR-OWNING MARKET, MINIMUM SCENARIO)

| Zone     | Cofferidge Cl.<br>Stony Stratford<br>MK11 1BY | Tesco<br>Wolverton<br>MK12 5RJ | Asda<br>Wolverton<br>MK12 5JQ | WEA Zone 10      | Sainsbury<br>Shenley Ch.<br>End<br>MK5 6JG/6JU | Aldi<br>Bradwell<br>Common<br>MK13 8BF | Marks &<br>Spencer<br>CMK<br>MK9 3PD | Sainsbury<br>CMK<br>MK9 2FW | Waitrose<br>CMK<br>MK9 3NJ | Lidl<br>Oldbrook<br>MK6 2YA | Asda<br>Denbigh<br>MK1 1QB | Tesco<br>Bletchley<br>MK1 1DD | Sainsbury<br>Bletchley<br>MK2 2JS | Morrisons<br>Westcroft<br>MK4 4DD | Waitrose<br>Buckingham<br>MK18 1RS | Tesco<br>Buckingham<br>MK18 1AB | Waitrose<br>Towcester<br>NN12 6HZ | Tesco<br>Newport Pagnel<br>MK16 9AW | Marks &<br>Spencer<br>Kingston<br>MK10 0BA | Tesco<br>Kingston<br>MK10 0AH | TOTAL         |
|----------|---|--------------------------------|-------------------------------|------------------|--|--|--------------------------------------|-----------------------------|----------------------------|-----------------------------|----------------------------|-------------------------------|-----------------------------------|-----------------------------------|------------------------------------|---------------------------------|-----------------------------------|-------------------------------------|--|-------------------------------|---------------|
| 1a       | 17.88%  | 59.57%                         | 1.63%                         | 11.37%           | 2.77%  | 0.73%                                  | 1.74%                                | 4.31%                       | 0.00%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                               | 0.00%                                      | 0.00%                         | 100.00%       |
| 1b<br>1c | 10.24%<br>52.52%                              | 30.00%                         | 0.95%                         | 9.72%            | 2.25%  | 0.57%                                  | 0.00%                                | 3.28%                       | 0.78%                      | 0.32%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                               | 0.00%                                      | 0.00%                         | 100.00%       |
| 1d       | 61.69%  | 22.19%                         | 1.12%                         | 11.62%           | 2.83%  | 0.56%                                  | 0.00%                                | 0.00%                       | 0.00%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                               | 0.00%                                      | 0.00%                         | 100.00%       |
| 1e       | 35.11%  | 34.66%                         | 1.50%                         | 15.68%           | 3.42%  | 0.58%                                  | 1.01%                                | 3.34%                       | 0.80%                      | 0.43%                       | 3.46%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                               | 0.00%                                      | 0.00%                         | 100.00%       |
| 1f       | 44.27%  | 25.29%                         | 1.19%                         | 19.77%           | 2.89%  | 0.73%                                  | 1.28%                                | 3.16%                       | 1.00%                      | 0.41%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                               | 0.00%                                      | 0.00%                         | 100.00%       |
| 2        | 5.10%   | 40.28%                         | 1.75%                         | 31.49%           | 6.31%  | 0.96%                                  | 1.57%                                | 3.88%                       | 1.23%                      | 0.68%                       | 4.02%                      | 0.00%                         | 0.00%                             | 2.73%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                               | 0.00%                                      | 0.00%                         | 100.00%       |
| 4        | 44.72%  | 25.55%                         | 1.21%                         | 19.97%           | 2.92%  | 0.74%                                  | 1.29%                                | 3.19%                       | 0.00%                      | 0.41%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                               | 0.00%                                      | 0.00%                         | 100.00%       |
| 5        | 2.98%   | 26.61%                         | 3.45%                         | 35.95%           | 7.21%  | 1.10%                                  | 2.45%                                | 6.07%                       | 1.93%                      | 0.78%                       | 6.11%                      | 2.24%                         | 0.00%                             | 3.11%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                               | 0.00%                                      | 0.00%                         | 100.00%       |
| 6        | 0.23%   | 94.18%<br>80.79%               | 0.88%                         | 1.72%            | 0.40%  | 0.14%                                  | 0.32%                                | 0.80%                       | 0.18%                      | 0.06%                       | 0.80%                      | 0.29%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                               | 0.00%                                      | 0.00%                         | 100.00%       |
| 8        | 0.09%   | 90.47%                         | 6.79%                         | 0.78%            | 0.20%  | 0.14%                                  | 0.23%                                | 0.56%                       | 0.18%                      | 0.00%                       | 0.58%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                               | 0.00%                                      | 0.00%                         | 100.00%       |
| 9        | 0.14%   | 94.61%                         | 2.10%                         | 1.16%            | 0.28%  | 0.14%                                  | 0.24%                                | 0.58%                       | 0.14%                      | 0.00%                       | 0.60%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                               | 0.00%                                      | 0.00%                         | 100.00%       |
| 10       | 0.27%   | 78.96%                         | 5.92%                         | 4.86%            | 1.13%  | 0.41%                                  | 0.91%                                | 2.25%                       | 0.71%                      | 0.21%                       | 3.11%                      | 0.83%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.43%                               | 0.00%                                      | 0.00%                         | 100.00%       |
| 12       | 1.26%   | 30.91%                         | 4.01%                         | 27.54%           | 5.27%  | 1.25%                                  | 4.06%                                | 10.04%                      | 3.19%                      | 0.66%                       | 9.74%                      | 3.46%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 1.33%                               | 0.00%                                      | 0.00%                         | 100.00%       |
| 13       | 0.43%   | 6.63%                          | 0.50%                         | 65.90%           | 9.63%  | 1.03%                                  | 1.38%                                | 5.11%                       | 1.09%                      | 0.66%                       | 3.32%                      | 1.62%                         | 0.00%                             | 2.25%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.45%                               | 0.00%                                      | 0.00%                         | 100.00%       |
| 14       | 0.22%   | 69.44%                         | 5.21%                         | 6.79%            | 1.65%  | 2.01%                                  | 2.70%                                | 4.69%                       | 2.12%                      | 0.44%                       | 3.55%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 1.18%                               | 0.00%                                      | 0.00%                         | 100.00%       |
| 15       | 0.30%   | 28.30%                         | 2.12%                         | 13.93%           | 3.23%  | 2.77%                                  | 8.81%                                | 13.72%                      | 6.92%<br>5.82%             | 0.83%                       | 6.50%<br>5.47%             | 2.38%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 3.17%                               | 1.38%                                      | 5.63%                         | 100.00%       |
| 17       | 0.29%   | 50.68%                         | 3.80%                         | 11.74%           | 2.56%  | 4.95%                                  | 4.67%                                | 7.28%                       | 2.31%                      | 0.63%                       | 4.73%                      | 1.68%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 1.68%                               | 0.73%                                      | 2.25%                         | 100.00%       |
| 18       | 0.36%   | 70.76%                         | 2.24%                         | 6.92%            | 1.51%  | 2.92%                                  | 2.75%                                | 4.29%                       | 1.36%                      | 0.37%                       | 2.79%                      | 0.99%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.99%                               | 0.43%                                      | 1.32%                         | 100.00%       |
| 19       | 0.67%   | 55.08%                         | 4.13%                         | 12.76%           | 2.78%  | 1.60%                                  | 2.14%                                | 7.91%                       | 1.68%                      | 0.48%                       | 7.32%                      | 2.50%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.94%                               | 0.00%                                      | 0.00%                         | 100.00%       |
| 20       | 0.25%   | 21.90%                         | 1.64%                         | 14.14%           | 2.07%  | 3.05%                                  | 9.72%                                | 13.92%                      | 9.25%                      | 0.76%                       | 5.70%<br>6.90%             | 2.45%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 3.03%                               | 1.17%                                      | 4.94%                         | 100.00%       |
| 22       | 0.14%   | 17.66%                         | 0.77%                         | 26.97%           | 4.78%  | 7.99%                                  | 10.74%                               | 13.60%                      | 4.32%                      | 1.01%                       | 4.59%                      | 1.57%                         | 0.00%                             | 1.59%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.80%                               | 0.66%                                      | 2.79%                         | 100.00%       |
| 23       | 0.39%   | 28.15%                         | 2.11%                         | 22.01%           | 4.80%  | 4.75%                                  | 5.52%                                | 13.65%                      | 4.33%                      | 0.83%                       | 8.87%                      | 2.37%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 2.22%                               | 0.00%                                      | 0.00%                         | 100.00%       |
| 24       | 0.27%   | 18.94%                         | 1.42%                         | 25.59%           | 2 95%  | 6.25%                                  | 5.90%                                | 14.58%                      | 4.63%                      | 0.79%                       | 5.97%                      | 2.12%                         | 0.00%                             | 2.22%                             | 0.00%                              | 0.00%                           | 0.00%                             | 1.49%                               | 0.92%                                      | 3.77%                         | 100.00%       |
| 26       | 0.13%   | 9.37%                          | 0.70%                         | 12.66%           | 2.54%  | 24.73%                                 | 9.84%                                | 24.35%                      | 3.96%                      | 0.93%                       | 4.21%                      | 1.05%                         | 0.00%                             | 1.10%                             | 0.00%                              | 0.00%                           | 0.00%                             | 1.05%                               | 0.83%                                      | 2.56%                         | 100.00%       |
| 27       | 0.10%   | 9.68%                          | 0.73%                         | 13.08%           | 2.62%  | 3.19%                                  | 24.10%                               | 25.15%                      | 7.99%                      | 0.60%                       | 4.34%                      | 1.48%                         | 0.33%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 1.62%                               | 1.23%                                      | 3.76%                         | 100.00%       |
| 28       | 0.00%   | 5.85%                          | 0.29%                         | 4.58%            | 2.52%  | 3.07%                                  | 23.15%                               | 24.16%                      | 18.18%                     | 0.92%                       | 6.23%                      | 2.03%                         | 0.31%                             | 1.09%                             | 0.00%                              | 0.00%                           | 0.00%                             | 1.04%                               | 1.18%                                      | 5.40%                         | 100.00%       |
| 29       | 0.46%   | 6.02%                          | 0.72%                         | 43.93%           | 7.79%  | 2.81%                                  | 3.26%                                | 8.07%                       | 1.72%                      | 0.49%                       | 7.47%                      | 2.55%                         | 0.00%                             | 2.59%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.96%                               | 0.00%                                      | 1.43%                         | 100.00%       |
| 31       | 0.21%   | 6.73%                          | 0.34%                         | 28.20%           | 23.15%   | 1.80%                                  | 5.75%                                | 14.22%                      | 2.61%                      | 0.67%                       | 7.16%                      | 2.33%                         | 0.48%                             | 3.25%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.46%                               | 0.52%                                      | 2.13%                         | 100.00%       |
| 32       | 0.24%   | 3.74%                          | 0.28%                         | 55.49%           | 19.22%   | 0.87%                                  | 1.74%                                | 6.83%                       | 1.37%                      | 0.88%                       | 3.98%                      | 1.94%                         | 0.30%                             | 2.70%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                               | 0.43%                                      | 0.00%                         | 100.00%       |
| 33       | 0.31%   | 9.41%                          | 0.50%                         | 30.14%           | 20.39%   | 2.18%                                  | 4.37%                                | 10.81%                      | 2.30%                      | 1.39%                       | 10.01%                     | 3.42%                         | 0.00%                             | 4.77%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                               | 0.00%                                      | 0.00%                         | 100.00%       |
| 35       | 0.24%   | 5.11%                          | 0.38%                         | 45.51%           | 15.76%   | 1.06%                                  | 3.38%                                | 8.36%                       | 1.78%                      | 1.08%                       | 5.44%                      | 2.65%                         | 0.58%                             | 7.83%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                               | 0.10 %                                     | 0.00%                         | 100.00%       |
| 36       | 0.19%   | 2.19%                          | 0.22%                         | 18.25%           | 29.26%   | 0.56%                                  | 2.65%                                | 17.97%                      | 2.08%                      | 2.31%                       | 9.05%                      | 4.40%                         | 0.84%                             | 6.13%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                               | 1.20%                                      | 2.69%                         | 100.00%       |
| 37       | 0.14%   | 3.07%                          | 0.17%                         | 13.98%           | 22.42%   | 0.64%                                  | 3.22%                                | 26.89%                      | 2.53%                      | 3.46%                       | 11.01%                     | 3.37%                         | 0.64%                             | 4.70%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                               | 0.92%                                      | 2.83%                         | 100.00%       |
| 38       | 0.14%   | 2.21%                          | 0.17%                         | 12.27%           | 14.34%   | 0.36%                                  | 2.06%                                | 12.08%                      | 1.62%                      | 2.55%                       | 16.69%                     | 8.12%                         | 0.84%                             | 19.55%                            | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                               | 1.21%                                      | 4.28%                         | 100.00%       |
| 40       | 0.17%   | 2.59%                          | 0.19%                         | 21.56%           | 14.59%   | 0.46%                                  | 2.10%                                | 21.23%                      | 1.65%                      | 2.73%                       | 10.69%                     | 5.20%                         | 0.72%                             | 11.51%                            | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                               | 1.42%                                      | 3.18%                         | 100.00%       |
| 41       | 0.24%   | 3.66%                          | 0.27%                         | 44.77%           | 15.51%   | 0.70%                                  | 2.23%                                | 8.23%                       | 1.75%                      | 1.06%                       | 5.35%                      | 2.60%                         | 0.57%                             | 12.23%                            | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                               | 0.83%                                      | 0.00%                         | 100.00%       |
| 42       | 0.16%   | 2.44%                          | 0.12%                         | 81.73%<br>69.09% | 8.39%<br>5.17%                                 | 0.65%                                  | 0.76%                                | 1.88%                       | 0.40%                      | 0.16%                       | 2.54%                      | 0.43%                         | 0.13%                             | 1.18%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.17%                               | 0.19%                                      | 0.00%                         | 100.00%       |
| 44       | 2.40%   | 9.04%                          | 1.01%                         | 56.54%           | 10.03%   | 1.32%                                  | 1.98%                                | 4.89%                       | 1.13%                      | 0.90%                       | 4.92%                      | 1.80%                         | 0.00%                             | 3.34%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.71%                               | 0.00%                                      | 0.00%                         | 100.00%       |
| 45       | 1.14%   | 0.00%                          | 0.00%                         | 18.35%           | 6.35%  | 0.00%                                  | 0.00%                                | 13.57%                      | 0.00%                      | 1.75%                       | 18.75%                     | 7.03%                         | 0.00%                             | 33.05%                            | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                               | 0.00%                                      | 0.00%                         | 100.00%       |
| 46       | 5.37%   | 0.00%                          | 0.00%                         | 0.00%            | 0.00%  | 0.00%                                  | 0.00%                                | 0.00%                       | 0.00%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 46.03%                            | 0.00%                              | 48.60%                          | 0.00%                             | 0.00%                               | 0.00%                                      | 0.00%                         | 100.00%       |
| 47       | 6.12%   | 0.00%                          | 0.00%                         | 0.00%            | 0.00%  | 0.00%                                  | 0.00%                                | 0.00%                       | 0.00%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 17.92%                             | 75.96%                          | 0.00%                             | 0.00%                               | 0.00%                                      | 0.00%                         | 100.00%       |
| 49       | 3.05%   | 0.00%                          | 0.00%                         | 0.00%            | 0.00%  | 0.00%                                  | 0.00%                                | 0.00%                       | 0.00%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 25.25%                             | 71.70%                          | 0.00%                             | 0.00%                               | 0.00%                                      | 0.00%                         | 100.00%       |
| 50       | 7.76%   | 0.00%                          | 0.00%                         | 0.00%            | 0.00%  | 0.00%                                  | 0.00%                                | 0.00%                       | 0.00%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 22.04%                             | 70.20%                          | 0.00%                             | 0.00%                               | 0.00%                                      | 0.00%                         | 100.00%       |
| 51       | 4.38%   | 34.56%                         | 1.95%                         | 15.64%           | 5.42%  | 1.95%                                  | 6.22%                                | 15.40%                      | 0.00%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 2.77%                              | 11.73%                          | 0.00%                             | 0.00%                               | 0.00%                                      | 0.00%                         | 100.00%       |
| 53       | 2.90%   | 32.61%                         | 1.84%                         | 19.16%           | 6.63%  | 1.84%                                  | 5.87%                                | 14.53%                      | 4.61%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 10.00%                            | 0.00%                               | 0.00%                                      | 0.00%                         | 100.00%       |
| 54       | 5.43%   | 62.94%                         | 3.64%                         | 0.00%            | 13.13%   | 0.00%                                  | 0.00%                                | 0.00%                       | 0.00%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 14.87%                            | 0.00%                               | 0.00%                                      | 0.00%                         | 100.00%       |
| 55       | 5.68%   | 67.46%                         | 0.00%                         | 0.00%            | 0.00%  | 0.00%                                  | 0.00%                                | 0.00%                       | 0.00%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 26.86%                            | 0.00%                               | 0.00%                                      | 0.00%                         | 100.00%       |
| 56       | 5.94%<br>7.25%                                | 44.32%<br>57.28%               | 2.50%                         | 20.05%           | 2.66%  | 2.51%                                  | 2.23%                                | 5.51%                       | 1.75%                      | 0.00%                       | 5.72%                      | 2.15%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 1.27%                             | 0.00%                               | 0.00%                                      | 0.00%                         | 100.00%       |
| 58       | 5.78%   | 89.19%                         | 5.03%                         | 0.00%            | 0.00%  | 0.00%                                  | 0.00%                                | 0.00%                       | 0.00%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                               | 0.00%                                      | 0.00%                         | 100.00%       |
| 59       | 0.31%   | 73.71%                         | 5.53%                         | 5.06%            | 1.28%  | 1.34%                                  | 2.01%                                | 4.98%                       | 1.58%                      | 0.35%                       | 2.90%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.94%                               | 0.00%                                      | 0.00%                         | 100.00%       |
|          |   |                                |                               |                  |  |  |                                      |                             |                            |                             |                            |                               |                                   |                                   |                                    |                                 |                                   |                                     | Ca   | alculated fro                 | om Appendix 7 |

## APPENDIX 12 – MARKET SHARES 2016 (CAR-OWNING MARKET, MEDIAN SCENARIO)

| Zone | Cofferidge Cl.<br>Stony Stratford<br>MK11 1BY | Tesco<br>Wolverton<br>MK12 5RJ | Asda<br>Wolverton<br>MK12 5JQ | WEA Zone 10    | Sainsbury<br>Shenley Ch.<br>End<br>MK5 6JG/6JU | Aldi<br>Bradwell<br>Common<br>MK13 8BF | Marks &<br>Spencer<br>CMK<br>MK9 3PD | Sainsbury<br>CMK<br>MK9 2FW | Waitrose<br>CMK<br>MK9 3NJ | Lidl<br>Oldbrook<br>MK6 2YA | Asda<br>Denbigh<br>MK1 1QB | Tesco<br>Bletchley<br>MK1 1DD | Sainsbury<br>Bletchley<br>MK2 2JS | Morrisons<br>Westcroft<br>MK4 4DD | Waitrose<br>Buckingham<br>MK18 1RS | Tesco<br>Buckingham<br>MK18 1AB | Waitrose<br>Towcester<br>NN12 6HZ | Tesco<br>Newport Pagnell<br>MK16 9AW | Marks &<br>Spencer<br>Kingston<br>MK10 0BA | Tesco<br>Kingston<br>MK10 0AH | TOTAL    |
|------|---|--------------------------------|-------------------------------|----------------|--|--|--------------------------------------|-----------------------------|----------------------------|-----------------------------|----------------------------|-------------------------------|-----------------------------------|-----------------------------------|------------------------------------|---------------------------------|-----------------------------------|--------------------------------------|--|-------------------------------|----------|
| 1a   | 32.63%  | 48.87%                         | 1.34%                         | 9.33%          | 2.27%  | 0.60%                                  | 1.43%                                | 3.53%                       | 0.00%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%  |
| 1b   | 20.24%  | 59.20%                         | 1.32%                         | 8.64%          | 2.00%  | 0.51%                                  | 1.18%                                | 2.92%                       | 0.70%                      | 0.28%                       | 3.03%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%  |
| 1C   | 78 17%  | 12 64%                         | 0.56%                         | 6.02%          | 1.47%  | 0.29%                                  | 0.00%                                | 2.26%                       | 0.00%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%  |
| 10   | 54.62%  | 24.24%                         | 1.05%                         | 10.97%         | 2.39%  | 0.32%                                  | 0.71%                                | 2.33%                       | 0.56%                      | 0.30%                       | 2.42%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%  |
| 1f   | 63.86%  | 16.40%                         | 0.77%                         | 12.82%         | 1.87%  | 0.47%                                  | 0.83%                                | 2.05%                       | 0.65%                      | 0.26%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%  |
| 2    | 9.56%   | 66.32%                         | 2.55%                         | 9.68%          | 2.24%  | 0.57%                                  | 1.32%                                | 3.27%                       | 0.78%                      | 0.32%                       | 3.39%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%  |
| 3    | 10.68%  | 37.91%                         | 1.65%                         | 29.64%         | 5.94%  | 0.90%                                  | 1.47%                                | 3.65%                       | 1.16%                      | 0.64%                       | 3.79%                      | 0.00%                         | 0.00%                             | 2.57%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%  |
| 4    | 64.28%  | 16.51%                         | 0.78%                         | 12.91%         | 1.89%  | 0.48%                                  | 0.83%                                | 2.06%                       | 0.00%                      | 0.27%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%  |
| 5    | 6.40%   | 25.67%                         | 3.33%                         | 34.69%         | 6.95%  | 1.06%                                  | 2.37%                                | 5.86%                       | 1.86%                      | 0.75%                       | 5.90%                      | 2.16%                         | 0.00%                             | 3.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%  |
| 5    | 0.30%   | 93.92%<br>80.65%               | 6.05%                         | 3 33%          | 0.40%  | 0.14%                                  | 1 32%                                | 3 27%                       | 0.18%                      | 0.06%                       | 1 74%                      | 0.29%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%  |
| 8    | 0.20%   | 90.37%                         | 6.78%                         | 0.78%          | 0.20%  | 0.14%                                  | 0.23%                                | 0.56%                       | 0.18%                      | 0.00%                       | 0.58%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%  |
| 9    | 0.32%   | 94.44%                         | 2.10%                         | 1.15%          | 0.28%  | 0.14%                                  | 0.24%                                | 0.58%                       | 0.14%                      | 0.00%                       | 0.60%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%  |
| 10   | 0.60%   | 78.70%                         | 5.90%                         | 4.84%          | 1.12%  | 0.41%                                  | 0.91%                                | 2.24%                       | 0.71%                      | 0.21%                       | 3.10%                      | 0.83%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.42%                                | 0.00%                                      | 0.00%                         | 100.00%  |
| 11   | 2.89%   | 34.67%                         | 5.08%                         | 27.10%         | 5.43%  | 1.23%                                  | 2.63%                                | 6.52%                       | 2.07%                      | 0.59%                       | 6.32%                      | 2.24%                         | 0.00%                             | 2.35%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.86%                                | 0.00%                                      | 0.00%                         | 100.00%  |
| 12   | 2.76%   | 30.44%                         | 3.95%                         | 23.80%         | 5.19%  | 1.87%                                  | 4.00%                                | 9.89%                       | 3.14%                      | 0.65%                       | 9.59%                      | 3.40%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 1.31%                                | 0.00%                                      | 0.00%                         | 100.00%  |
| 13   | 0.95%   | 69.25%                         | 5 20%                         | 6 77%          | 9.56%  | 2.01%                                  | 2.69%                                | 5.08%<br>4.68%              | 2 12%                      | 0.65%                       | 3.50%                      | 0.00%                         | 0.00%                             | 2.24%                             | 0.00%                              | 0.00%                           | 0.00%                             | 1 18%                                | 0.00%                                      | 0.00%                         | 100.00%  |
| 15   | 0.66%   | 28.20%                         | 2.12%                         | 13.88%         | 3.22%  | 2.76%                                  | 8.78%                                | 13.67%                      | 6.89%                      | 0.83%                       | 6.48%                      | 2.37%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 3.16%                                | 1.38%                                      | 5.61%                         | 100.00%  |
| 16   | 0.56%   | 23.74%                         | 1.78%                         | 11.69%         | 2.71%  | 4.01%                                  | 12.77%                               | 18.27%                      | 5.80%                      | 0.99%                       | 5.45%                      | 1.99%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 3.97%                                | 1.54%                                      | 4.73%                         | 100.00%  |
| 17   | 0.64%   | 50.51%                         | 3.79%                         | 11.70%         | 2.55%  | 4.94%                                  | 4.66%                                | 7.25%                       | 2.30%                      | 0.63%                       | 4.72%                      | 1.67%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 1.68%                                | 0.73%                                      | 2.24%                         | 100.00%  |
| 18   | 0.80%   | 70.45%                         | 2.23%                         | 6.89%          | 1.50%  | 2.90%                                  | 2.74%                                | 4.27%                       | 1.36%                      | 0.37%                       | 2.78%                      | 0.98%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.99%                                | 0.43%                                      | 1.32%                         | 100.00%  |
| 19   | 1.47%   | 31 15%                         | 4.10%                         | 14.00%         | 2.76%  | 1.58%                                  | 2.13%                                | 13 88%                      | 7.61%                      | 0.48%                       | 7.26%                      | 2.48%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 3.02%                                | 0.00%                                      | 0.00%                         | 100.00%  |
| 20   | 0.51%   | 21.84%                         | 1.64%                         | 10.75%         | 2.50%  | 3.69%                                  | 11.75%                               | 16.82%                      | 9.23%                      | 0.91%                       | 6.88%                      | 2.44%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 3.65%                                | 1.42%                                      | 5.96%                         | 100.00%  |
| 22   | 0.32%   | 17.63%                         | 0.77%                         | 26.93%         | 4.77%  | 7.98%                                  | 10.72%                               | 13.57%                      | 4.31%                      | 1.01%                       | 4.58%                      | 1.57%                         | 0.00%                             | 1.59%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.80%                                | 0.66%                                      | 2.79%                         | 100.00%  |
| 23   | 0.87%   | 28.02%                         | 2.10%                         | 21.90%         | 4.78%  | 4.73%                                  | 5.49%                                | 13.58%                      | 4.31%                      | 0.82%                       | 8.83%                      | 2.35%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 2.21%                                | 0.00%                                      | 0.00%                         | 100.00%  |
| 24   | 0.59%   | 18.88%                         | 1.42%                         | 25.51%         | 5.11%  | 6.23%                                  | 5.88%                                | 14.54%                      | 4.62%                      | 0.79%                       | 5.95%                      | 2.11%                         | 0.00%                             | 2.21%                             | 0.00%                              | 0.00%                           | 0.00%                             | 1.49%                                | 0.92%                                      | 3.76%                         | 100.00%  |
| 25   | 0.15%   | 3.96%                          | 0.82%                         | 4.92%          | 2.95%  | 16.61%                                 | 15.67%                               | 38.77%                      | 5.19%                      | 0.62%                       | 4.22%                      | 0.97%                         | 0.21%                             | 0.98%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.71%                                | 0.80%                                      | 2.45%                         | 100.00%  |
| 20   | 0.29%   | 9.50%                          | 0.70%                         | 13.06%         | 2.53%  | 3 19%                                  | 24 07%                               | 24.31%                      | 7 98%                      | 0.93%                       | 4.20%                      | 1.05%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 1.03%                                | 1 23%                                      | 3 76%                         | 100.00%  |
| 28   | 0.00%   | 5.85%                          | 0.29%                         | 4.58%          | 2.52%  | 3.07%                                  | 23.15%                               | 24.16%                      | 18.18%                     | 0.92%                       | 6.23%                      | 2.03%                         | 0.31%                             | 1.09%                             | 0.00%                              | 0.00%                           | 0.00%                             | 1.04%                                | 1.18%                                      | 5.40%                         | 100.00%  |
| 29   | 1.01%   | 16.56%                         | 1.24%                         | 43.69%         | 7.75%  | 2.80%                                  | 3.24%                                | 8.03%                       | 1.71%                      | 0.49%                       | 7.43%                      | 2.54%                         | 0.00%                             | 2.58%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.95%                                | 0.00%                                      | 0.00%                         | 100.00%  |
| 30   | 0.58%   | 6.00%                          | 0.71%                         | 59.57%         | 8.70%  | 3.14%                                  | 2.96%                                | 7.33%                       | 1.47%                      | 0.59%                       | 3.00%                      | 1.46%                         | 0.00%                             | 2.03%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.55%                                | 0.46%                                      | 1.42%                         | 100.00%  |
| 31   | 0.46%   | 6.71%                          | 0.34%                         | 28.13%         | 23.09%   | 1.80%                                  | 5.73%                                | 14.18%                      | 2.61%                      | 0.67%                       | 7.14%                      | 2.33%                         | 0.48%                             | 3.24%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.46%                                | 0.52%                                      | 2.12%                         | 100.00%  |
| 32   | 0.54%   | 3.73%                          | 0.28%                         | 30.02%         | 20 31%   | 0.86%                                  | 1.73%                                | 6.81%<br>10.77%             | 2 29%                      | 0.88%                       | 3.97%                      | 3 41%                         | 0.30%                             | 2.69%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.43%                                      | 0.00%                         | 100.00%  |
| 34   | 0.03%   | 0.46%                          | 0.03%                         | 4.06%          | 89.99%   | 0.15%                                  | 0.30%                                | 2.05%                       | 0.24%                      | 0.26%                       | 1.03%                      | 0.50%                         | 0.07%                             | 0.47%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.10%                                      | 0.23%                         | 100.00%  |
| 35   | 0.54%   | 5.09%                          | 0.38%                         | 45.37%         | 15.72%   | 1.06%                                  | 3.37%                                | 8.34%                       | 1.77%                      | 1.07%                       | 5.42%                      | 2.64%                         | 0.58%                             | 7.81%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.84%                                      | 0.00%                         | 100.00%  |
| 36   | 0.42%   | 2.19%                          | 0.22%                         | 18.21%         | 29.20%   | 0.56%                                  | 2.64%                                | 17.93%                      | 2.07%                      | 2.31%                       | 9.03%                      | 4.39%                         | 0.83%                             | 6.12%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 1.20%                                      | 2.68%                         | 100.00%  |
| 37   | 0.32%   | 3.06%                          | 0.17%                         | 13.96%         | 22.38%   | 0.64%                                  | 3.22%                                | 26.84%                      | 2.53%                      | 3.46%                       | 10.99%                     | 3.37%                         | 0.64%                             | 4.69%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.92%                                      | 2.82%                         | 100.00%  |
| 38   | 0.32%   | 2.21%                          | 0.17%                         | 12 24%         | 29.44%   | 0.56%                                  | 2.06%                                | 12.05%                      | 2.09%                      | 2.33%                       | 14.45%                     | 7.04%                         | 0.84%                             | 19 51%                            | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 1.21%                                      | 2.70%                         | 100.00%  |
| 40   | 0.37%   | 2.58%                          | 0.19%                         | 21.52%         | 14.56%   | 0.46%                                  | 2.09%                                | 21.19%                      | 1.64%                      | 2.73%                       | 10.67%                     | 5.19%                         | 0.72%                             | 11.49%                            | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 1.42%                                      | 3.17%                         | 100.00%  |
| 41   | 0.53%   | 3.65%                          | 0.27%                         | 44.64%         | 15.46%   | 0.70%                                  | 2.22%                                | 8.20%                       | 1.74%                      | 1.06%                       | 5.33%                      | 2.60%                         | 0.57%                             | 12.20%                            | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.83%                                      | 0.00%                         | 100.00%  |
| 42   | 0.35%   | 2.43%                          | 0.12%                         | 81.57%         | 8.37%  | 0.65%                                  | 0.76%                                | 1.87%                       | 0.40%                      | 0.16%                       | 1.22%                      | 0.43%                         | 0.13%                             | 1.18%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.17%                                | 0.19%                                      | 0.00%                         | 100.00%  |
| 43   | 2.71%   | 10.88%                         | 1.41%                         | 68.06%         | 5.09%  | 0.67%                                  | 1.43%                                | 3.53%                       | 0.79%                      | 0.32%                       | 2.50%                      | 0.91%                         | 0.00%                             | 1.69%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%  |
| 44   | 2 51%   | 8.78%                          | 0.98%                         | 18 00%         | 9.74%  | 1.28%                                  | 1.92%                                | 4.75%                       | 1.10%                      | 0.87%                       | 4.78%                      | 6.03%                         | 0.00%                             | 3.24%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.69%                                | 0.00%                                      | 0.00%                         | 100.00%  |
| 45   | 11.21%  | 0.00%                          | 0.00%                         | 0.00%          | 0.00%  | 0.00%                                  | 0.00%                                | 0.00%                       | 0.00%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 43.19%                            | 0.00%                              | 45.60%                          | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%  |
| 47   | 42.08%  | 57.92%                         | 0.00%                         | 0.00%          | 0.00%  | 0.00%                                  | 0.00%                                | 0.00%                       | 0.00%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%  |
| 48   | 12.67%  | 0.00%                          | 0.00%                         | 0.00%          | 0.00%  | 0.00%                                  | 0.00%                                | 0.00%                       | 0.00%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 16.67%                             | 70.66%                          | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%  |
| 49   | 6.54%   | 0.00%                          | 0.00%                         | 0.00%          | 0.00%  | 0.00%                                  | 0.00%                                | 0.00%                       | 0.00%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 24.34%                             | 69.12%                          | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%  |
| 50   | 15.77%  | 0.00%                          | 0.00%                         | 0.00%          | 0.00%  | 0.00%                                  | 0.00%                                | 0.00%                       | 0.00%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 20.13%                             | 64.11%                          | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%  |
| 51   | 9.24%   | 32.80%                         | 1.85%                         | 14.84%         | 5.14%  | 1.86%                                  | 5.91%                                | 14.61%                      | 0.00%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 2.63%                              | 11.13%                          | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%  |
| 53   | 6.23%   | 31.49%                         | 1.78%                         | 18,50%         | 6,41%  | 1.78%                                  | 5.67%                                | 14.03%                      | 4.46%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 9,66%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%  |
| 54   | 11.33%  | 59.01%                         | 3.41%                         | 0.00%          | 12.31%   | 0.00%                                  | 0.00%                                | 0.00%                       | 0.00%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 13.94%                            | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%  |
| 55   | 11.81%  | 63.07%                         | 0.00%                         | 0.00%          | 0.00%  | 0.00%                                  | 0.00%                                | 0.00%                       | 0.00%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 25.12%                            | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%  |
| 56   | 8.36%   | 42.28%                         | 2.38%                         | 19.13%         | 6.63%  | 2.39%                                  | 0.00%                                | 18.83%                      | 0.00%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%  |
| 57   | 14.82%  | 52.61%                         | 1.44%                         | 10.04%         | 2.44%  | 0.64%                                  | 2.05%                                | 5.06%                       | 1.61%                      | 0.38%                       | 5.26%                      | 1.97%                         | 0.00%                             | 0.00%                             | 0.53%                              | 0.00%                           | 1.17%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%  |
| 58   | 0.68%   | 83.29%<br>73.43%               | 4.70%                         | 0.00%<br>5.04% | 0.00%  | 1 34%                                  | 2.01%                                | 4.96%                       | 1.58%                      | 0.00%                       | 2.89%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%  |
| 39   | 5.50 /0                                       | , 3. 43 /0                     | 5.51 /0                       | 5.0470         | 1.27 /0  | 2.3470                                 | 2.01/0                               |                             | 1.50 /0                    | 0.0070                      | 2.0570                     | 5.0070                        | 5.00 /0                           | 5.0070                            | 0.0070                             | 5.00 /0                         | 5.00 /0                           | 5.5470                               | 0.00 /3                                    | 0.0070                        | 100.0070 |

## APPENDIX 13 – MARKET SHARES 2016 (CAR-OWNING MARKET, MAXIMUM SCENARIO)

| Zone     | Cofferidge CI.<br>Stony Stratford<br>MK11 1BY | Tesco<br>Wolverton<br>MK12 5RJ | Asda<br>Wolverton<br>MK12 5JQ | WEA Zone 10 | Sainsbury<br>Shenley Ch.<br>End<br>MK5 6JG/6JU | Aldi<br>Bradwell<br>Common<br>MK13 8BF | Marks &<br>Spencer<br>CMK<br>MK9 3PD | Sainsbury<br>CMK<br>MK9 2FW | Waitrose<br>CMK<br>MK9 3NJ | Lidl<br>Oldbrook<br>MK6 2YA | Asda<br>Denbigh<br>MK1 1QB | Tesco<br>Bletchley<br>MK1 1DD | Sainsbury<br>Bletchley<br>MK2 2JS | Morrisons<br>Westcroft<br>MK4 4DD | Waitrose<br>Buckingham<br>MK18 1RS | Tesco<br>Buckingham<br>MK18 1AB | Waitrose<br>Towcester<br>NN12 6HZ | Tesco<br>Newport Pagnell<br>MK16 9AW | Marks &<br>Spencer<br>Kingston<br>MK10 0BA | Tesco<br>Kingston<br>MK10 0AH | TOTAL   |
|----------|---|--------------------------------|-------------------------------|-------------|--|--|--------------------------------------|-----------------------------|----------------------------|-----------------------------|----------------------------|-------------------------------|-----------------------------------|-----------------------------------|------------------------------------|---------------------------------|-----------------------------------|--------------------------------------|--|-------------------------------|---------|
| 1a       | 42.89%  | 41.43%                         | 1.13%                         | 7.91%       | 1.92%  | 0.51%                                  | 1.21%                                | 3.00%                       | 0.00%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00% |
| 1b       | 28.23%  | 53.27%                         | 1.18%                         | 7.77%       | 1.80%  | 0.46%                                  | 1.06%                                | 2.62%                       | 0.63%                      | 0.25%                       | 2.72%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00% |
| 1d       | 84.74%  | 8.84%                          | 0.44%                         | 4.63%       | 1.13%  | 0.22%                                  | 0.00%                                | 0.00%                       | 0.00%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00% |
| 1e       | 65.11%  | 18.64%                         | 0.81%                         | 8.43%       | 1.84%  | 0.31%                                  | 0.54%                                | 1.79%                       | 0.43%                      | 0.23%                       | 1.86%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00% |
| 1f<br>2  | 73.26%  | 12.14%                         | 0.57%                         | 9.49%       | 2 13%  | 0.35%                                  | 0.61%                                | 1.52%                       | 0.48%                      | 0.20%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00% |
| 3        | 15.64%  | 35.81%                         | 1.55%                         | 28.00%      | 5.61%  | 0.85%                                  | 1.39%                                | 3.45%                       | 1.09%                      | 0.61%                       | 3.58%                      | 0.00%                         | 0.00%                             | 2.42%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00% |
| 4        | 73.61%  | 12.19%                         | 0.58%                         | 9.53%       | 1.39%  | 0.35%                                  | 0.62%                                | 1.52%                       | 0.00%                      | 0.20%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00% |
| 5        | 9.58%   | 24.80%                         | 3.22%                         | 33.51%      | 6.72%  | 1.02%                                  | 2.29%                                | 5.66%                       | 1.80%                      | 0.73%                       | 5.70%                      | 2.08%                         | 0.00%                             | 2.90%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00% |
| 7        | 0.49%   | 80.51%                         | 6.04%                         | 3.32%       | 0.81%  | 0.98%                                  | 1.32%                                | 3.27%                       | 0.73%                      | 0.22%                       | 1.74%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.58%                                | 0.00%                                      | 0.00%                         | 100.00% |
| 8        | 0.32%   | 90.27%                         | 6.77%                         | 0.77%       | 0.20%  | 0.14%                                  | 0.22%                                | 0.56%                       | 0.18%                      | 0.00%                       | 0.58%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00% |
| 9<br>10  | 0.49%   | 94.28%<br>78.44%               | 2.10%                         | 1.15%       | 0.28%  | 0.14%                                  | 0.23%                                | 0.58%                       | 0.14%                      | 0.00%                       | 0.60%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00% |
| 11       | 4.42%   | 34.12%                         | 5.00%                         | 26.68%      | 5.35%  | 1.22%                                  | 2.59%                                | 6.41%                       | 2.04%                      | 0.58%                       | 6.22%                      | 2.21%                         | 0.00%                             | 2.31%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.85%                                | 0.00%                                      | 0.00%                         | 100.00% |
| 12       | 4.22%   | 29.98%                         | 3.89%                         | 23.44%      | 5.11%  | 1.85%                                  | 3.94%                                | 9.74%                       | 3.09%                      | 0.64%                       | 9.45%                      | 3.35%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 1.29%                                | 0.00%                                      | 0.00%                         | 100.00% |
| 13<br>14 | 1.47%   | 69.07%                         | 0.49%                         | 65.21%      | 9.53%  | 2.00%                                  | 2.69%                                | 5.05%<br>4.67%              | 2.11%                      | 0.65%                       | 3.29%                      | 1.60%                         | 0.00%                             | 2.23%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.45%                                | 0.00%                                      | 0.00%                         | 100.00% |
| 15       | 1.02%   | 28.10%                         | 2.11%                         | 13.83%      | 3.21%  | 2.75%                                  | 8.74%                                | 13.62%                      | 6.87%                      | 0.82%                       | 6.46%                      | 2.36%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 3.15%                                | 1.37%                                      | 5.59%                         | 100.00% |
| 16       | 0.86%   | 23.66%                         | 1.78%                         | 11.65%      | 2.70%  | 4.00%                                  | 12.73%                               | 18.22%                      | 5.79%                      | 0.99%                       | 5.44%                      | 1.99%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 3.96%                                | 1.54%                                      | 4.71%                         | 100.00% |
| 17       | 1.23%   | 50.33%<br>70.14%               | 3.78%                         | 6.86%       | 2.54%  | 4.92%                                  | 2.73%                                | 4.25%                       | 2.30%                      | 0.62%                       | 4.70%                      | 0.98%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.98%                                | 0.73%                                      | 2.23%                         | 100.00% |
| 19       | 2.26%   | 54.20%                         | 4.07%                         | 12.56%      | 2.74%  | 1.57%                                  | 2.11%                                | 7.78%                       | 1.66%                      | 0.47%                       | 7.21%                      | 2.46%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.92%                                | 0.00%                                      | 0.00%                         | 100.00% |
| 20       | 0.87%   | 31.05%                         | 0.85%                         | 14.05%      | 2.05%  | 3.03%                                  | 9.66%                                | 13.83%                      | 7.59%                      | 0.75%                       | 5.66%                      | 1.51%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 3.01%                                | 1.17%                                      | 4.91%                         | 100.00% |
| 21       | 0.79%   | 17.60%                         | 0.76%                         | 26.88%      | 4.77%  | 7.96%                                  | 10.70%                               | 13.55%                      | 9.20%                      | 1.01%                       | 4.57%                      | 2.44%                         | 0.00%                             | 1.59%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.80%                                | 0.66%                                      | 2.78%                         | 100.00% |
| 23       | 1.35%   | 27.88%                         | 2.09%                         | 21.80%      | 4.75%  | 4.71%                                  | 5.46%                                | 13.52%                      | 4.29%                      | 0.82%                       | 8.79%                      | 2.34%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 2.19%                                | 0.00%                                      | 0.00%                         | 100.00% |
| 24       | 0.91%   | 18.82%                         | 1.41%                         | 25.43%      | 5.10%  | 6.21%                                  | 5.86%                                | 14.49%                      | 4.60%                      | 0.79%                       | 5.93%                      | 2.11%                         | 0.00%                             | 2.20%                             | 0.00%                              | 0.00%                           | 0.00%                             | 1.48%                                | 0.92%                                      | 3.75%                         | 100.00% |
| 25       | 0.25%   | 9.34%                          | 0.82%                         | 4.92%       | 2.94%  | 24.65%                                 | 9.81%                                | 24.27%                      | 3.95%                      | 0.82%                       | 4.21%                      | 1.04%                         | 0.21%                             | 1.09%                             | 0.00%                              | 0.00%                           | 0.00%                             | 1.05%                                | 0.80%                                      | 2.45%                         | 100.00% |
| 27       | 0.35%   | 9.65%                          | 0.72%                         | 13.04%      | 2.61%  | 3.18%                                  | 24.04%                               | 25.08%                      | 7.97%                      | 0.60%                       | 4.33%                      | 1.48%                         | 0.33%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 1.62%                                | 1.22%                                      | 3.75%                         | 100.00% |
| 28       | 0.00%   | 5.85%                          | 0.29%                         | 4.58%       | 2.52%  | 3.07%                                  | 23.15%                               | 24.16%                      | 18.18%                     | 0.92%                       | 6.23%                      | 2.03%                         | 0.31%                             | 1.09%                             | 0.00%                              | 0.00%                           | 0.00%                             | 1.04%                                | 1.18%                                      | 5.40%                         | 100.00% |
| 30       | 0.90%   | 5.98%                          | 0.71%                         | 59.38%      | 8.68%  | 3.13%                                  | 2.95%                                | 7.31%                       | 1.46%                      | 0.59%                       | 2.99%                      | 1.46%                         | 0.00%                             | 2.03%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.54%                                | 0.46%                                      | 1.42%                         | 100.00% |
| 31       | 0.70%   | 6.70%                          | 0.34%                         | 28.06%      | 23.03%   | 1.80%                                  | 5.72%                                | 14.14%                      | 2.60%                      | 0.66%                       | 7.12%                      | 2.32%                         | 0.48%                             | 3.23%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.46%                                | 0.52%                                      | 2.12%                         | 100.00% |
| 32       | 0.83%   | 3.72%                          | 0.28%                         | 55.16%      | 19.10%   | 0.86%                                  | 1.73%                                | 6.79%                       | 1.36%                      | 0.87%                       | 3.96%                      | 1.93%                         | 0.30%                             | 2.68%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.43%                                      | 0.00%                         | 100.00% |
| 34       | 0.10%   | 0.46%                          | 0.03%                         | 4.06%       | 89.95%   | 0.15%                                  | 0.30%                                | 2.05%                       | 0.24%                      | 0.26%                       | 1.03%                      | 0.50%                         | 0.07%                             | 0.47%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.10%                                      | 0.23%                         | 100.00% |
| 35       | 0.83%   | 5.08%                          | 0.38%                         | 45.24%      | 15.67%   | 1.06%                                  | 3.36%                                | 8.31%                       | 1.77%                      | 1.07%                       | 5.40%                      | 2.63%                         | 0.58%                             | 7.79%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.84%                                      | 0.00%                         | 100.00% |
| 36       | 0.65%   | 2.18%                          | 0.22%                         | 18.17%      | 29.13%   | 0.55%                                  | 2.64%                                | 17.89%                      | 2.07%                      | 2.30%                       | 9.01%                      | 4.38%                         | 0.83%                             | 6.11%<br>4.68%                    | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 1.20%                                      | 2.68%                         | 100.00% |
| 38       | 0.49%   | 2.20%                          | 0.17%                         | 10.61%      | 29.38%   | 0.56%                                  | 1.78%                                | 18.04%                      | 2.09%                      | 2.32%                       | 14.43%                     | 7.02%                         | 0.84%                             | 6.16%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 1.21%                                      | 2.70%                         | 100.00% |
| 39       | 0.57%   | 2.54%                          | 0.19%                         | 12.22%      | 14.28%   | 0.45%                                  | 2.05%                                | 12.03%                      | 1.61%                      | 2.68%                       | 16.62%                     | 8.09%                         | 0.97%                             | 19.47%                            | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 1.98%                                      | 4.27%                         | 100.00% |
| 40<br>41 | 0.58%   | 2.58%                          | 0.19%                         | 21.48%      | 14.53%<br>15.42%                               | 0.46%                                  | 2.09%                                | 21.15%                      | 1.64%                      | 2.72%                       | 10.65%                     | 5.18%<br>2.59%                | 0.72%                             | 11.46%                            | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 1.42%                                      | 3.16%                         | 100.00% |
| 42       | 0.54%   | 2.43%                          | 0.12%                         | 81.41%      | 8.35%  | 0.65%                                  | 0.76%                                | 1.87%                       | 0.40%                      | 0.16%                       | 1.22%                      | 0.43%                         | 0.13%                             | 1.17%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.17%                                | 0.19%                                      | 0.00%                         | 100.00% |
| 43       | 4.14%   | 10.72%                         | 1.39%                         | 67.06%      | 5.02%  | 0.66%                                  | 1.41%                                | 3.48%                       | 0.78%                      | 0.31%                       | 2.46%                      | 0.90%                         | 0.00%                             | 1.67%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00% |
| 44       | 7.82%   | 0.00%                          | 0.96%                         | 17.85%      | 9.47%<br>6.18%                                 | 0.00%                                  | 0.00%                                | 4.62%                       | 0.00%                      | 0.85%                       | 4.65%                      | 6.84%                         | 0.00%                             | 32.15%                            | 0.00%                              | 0.00%                           | 0.00%                             | 0.67%                                | 0.00%                                      | 0.00%                         | 100.00% |
| 46       | 16.38%  | 0.00%                          | 0.00%                         | 0.00%       | 0.00%  | 0.00%                                  | 0.00%                                | 0.00%                       | 0.00%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 40.68%                            | 0.00%                              | 42.95%                          | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00% |
| 47       | 52.97%  | 47.03%                         | 0.00%                         | 0.00%       | 0.00%  | 0.00%                                  | 0.00%                                | 0.00%                       | 0.00%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00% |
| 48<br>49 | 9.79%   | 0.00%                          | 0.00%                         | 0.00%       | 0.00%  | 0.00%                                  | 0.00%                                | 0.00%                       | 0.00%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 23.49%                             | 66.72%                          | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00% |
| 50       | 22.49%  | 0.00%                          | 0.00%                         | 0.00%       | 0.00%  | 0.00%                                  | 0.00%                                | 0.00%                       | 0.00%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 18.52%                             | 58.99%                          | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00% |
| 51       | 13.63%  | 31.21%                         | 1.76%                         | 14.12%      | 4.89%  | 1.77%                                  | 5.62%                                | 13.91%                      | 0.00%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 2.50%                              | 10.59%                          | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00% |
| 52       | 9.34%   | 53.46%<br>30.45%               | 3.09%                         | 0.00%       | 6.19%  | 0.00%                                  | 0.00%                                | 0.00%                       | 0.00%<br>4.31%             | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 9.34%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00% |
| 54       | 16.53%  | 55.55%                         | 3.21%                         | 0.00%       | 11.59%   | 0.00%                                  | 0.00%                                | 0.00%                       | 0.00%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 13.12%                            | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00% |
| 55       | 17.19%  | 59.22%                         | 0.00%                         | 0.00%       | 0.00%  | 0.00%                                  | 0.00%                                | 0.00%                       | 0.00%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 23.58%                            | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00% |
| 56       | 21.24%  | 40.42%                         | 2.28%                         | 9.28%       | 2.26%  | 0.59%                                  | 1.89%                                | 4.68%                       | 1.49%                      | 0.00%                       | 4.86%                      | 1.82%                         | 0.00%                             | 0.00%                             | 0.49%                              | 0.00%                           | 1.08%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00% |
| 58       | 17.47%  | 78.13%                         | 4.40%                         | 0.00%       | 0.00%  | 0.00%                                  | 0.00%                                | 0.00%                       | 0.00%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00% |
| 59       | 1.05%   | 73.16%                         | 5.49%                         | 5.02%       | 1.27%  | 1.33%                                  | 2.00%                                | 4.94%                       | 1.57%                      | 0.35%                       | 2.88%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.93%                                | 0.00%<br>Celr                              | 0.00%                         | 100.00% |

## APPENDIX 14 — MARKET SHARES 2016 (NON-CAR-OWNING MARKET)

| Zon  | Cofferidge CI.<br>Stony Stratford<br>MK11 1BY | Tesco<br>Wolverton<br>MK12 5RJ | Asda<br>Wolverton<br>MK12 5JQ | WEA Zone 10 | Sainsbury<br>Shenley Ch.<br>End<br>MK5 6JG/6JU | Aldi<br>Bradwell<br>Common<br>MK13 8BF | Marks &<br>Spencer<br>CMK<br>MK9 3PD | Sainsbury<br>CMK<br>MK9 2FW | Waitrose<br>CMK<br>MK9 3NJ | Lidl<br>Oldbrook<br>MK6 2YA | Asda<br>Denbigh<br>MK1 1QB | Tesco<br>Bletchley<br>MK1 1DD | Sainsbury<br>Bletchley<br>MK2 2JS | Morrisons<br>Westcroft<br>MK4 4DD | Waitrose<br>Buckingham<br>MK18 1RS | Tesco<br>Buckingham<br>MK18 1AB | Waitrose<br>Towcester<br>NN12 6HZ | Tesco<br>Newport Pagnell<br>MK16 9AW | Marks &<br>Spencer<br>Kingston<br>MK10 0BA | Tesco<br>Kingston<br>MK10 0AH | TOTAL       |
|------|---|--------------------------------|-------------------------------|-------------|--|--|--------------------------------------|-----------------------------|----------------------------|-----------------------------|----------------------------|-------------------------------|-----------------------------------|-----------------------------------|------------------------------------|---------------------------------|-----------------------------------|--------------------------------------|--|-------------------------------|-------------|
| 1a   | 74.23%  | 16.38%                         | 1.36%                         | -           | 0.00%  | 0.00%                                  | 2.28%                                | 4.14%                       | 1.61%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%     |
| 1b   | 89.88%  | 6.57%                          | 0.54%                         | -           | 0.00%  | 0.00%                                  | 0.86%                                | 1.54%                       | 0.60%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%     |
| 1d   | 75.38%  | 14.53%                         | 1.25%                         | _           | 0.00%  | 0.00%                                  | 2.44%                                | 4.64%                       | 1.75%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%     |
| 1e   | 76.83%  | 14.43%                         | 1.21%                         | -           | 0.00%  | 0.00%                                  | 2.12%                                | 3.90%                       | 1.50%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%     |
| 1f   | 85.28%  | 9.17%                          | 0.77%                         | -           | 0.00%  | 0.00%                                  | 1.35%                                | 2.48%                       | 0.95%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%     |
| 2    | 40.57%  | 38.92%                         | 3.23%                         | -           | 0.00%  | 0.00%                                  | 4.86%                                | 8.96%                       | 3.45%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%     |
| 3    | 19.53%  | 41.35%                         | 3.50%                         | -           | 0.00%  | 1.38%                                  | 9.87%                                | 17.48%                      | 6.90%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%     |
| 5    | 23.05%  | 43.92%                         | 3.77%                         | _           | 0.00%  | 2.55%                                  | 7.38%                                | 14.03%                      | 5.29%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%     |
| 6    | 12.92%  | 77.65%                         | 6.20%                         | _           | 0.00%  | 0.00%                                  | 0.00%                                | 0.00%                       | 0.00%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 3.22%                                | 0.00%                                      | 0.00%                         | 100.00%     |
| 7    | 5.41%   | 78.82%                         | 6.61%                         | -           | 0.00%  | 2.98%                                  | 0.00%                                | 0.00%                       | 6.18%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%     |
| 8    | 4.32%   | 84.03%                         | 8.20%                         | -           | 0.00%  | 0.62%                                  | 0.00%                                | 0.00%                       | 0.98%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 1.86%                                | 0.00%                                      | 0.00%                         | 100.00%     |
| 9    | 3.98%   | 88.63%                         | 5.23%                         | -           | 0.00%  | 0.00%                                  | 0.00%                                | 0.00%                       | 0.00%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 2.16%                                | 0.00%                                      | 0.00%                         | 100.00%     |
| 11   | 11.96%  | 81.23%                         | 6.81%                         | _           | 0.00%  | 0.00%                                  | 0.00%                                | 0.00%                       | 0.00%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%     |
| 12   | 14.68%  | 63.43%                         | 5.51%                         | _           | 9.96%  | 6.42%                                  | 0.00%                                | 0.00%                       | 0.00%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%     |
| 13   | 18.20%  | 0.00%                          | 0.00%                         | -           | 0.00%  | 0.00%                                  | 22.88%                               | 42.63%                      | 16.29%                     | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%     |
| 14   | 0.00%   | 81.15%                         | 6.91%                         | -           | 0.00%  | 4.11%                                  | 0.00%                                | 0.00%                       | 7.83%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%     |
| 15   | 0.00%   | 70.47%                         | 6.21%                         | -           | 0.00%  | 8.09%                                  | 0.00%                                | 0.00%                       | 15.24%                     | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%     |
| 17   | 0.00%   | 57 27%                         | 4 91%                         | _           | 0.00%  | 5.67%                                  | 8.05%                                | 18 29%                      | 5.81%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%     |
| 18   | 0.00%   | 52.14%                         | 5.78%                         | _           | 0.00%  | 2.62%                                  | 10.95%                               | 22.50%                      | 6.01%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%     |
| 19   | 15.10%  | 67.59%                         | 4.48%                         | -           | 0.00%  | 5.20%                                  | 7.63%                                | 0.00%                       | 0.00%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%     |
| 20   | 0.00%   | 56.61%                         | 5.02%                         | -           | 0.00%  | 5.98%                                  | 16.02%                               | 0.00%                       | 16.37%                     | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%     |
| 21   | 0.00%   | 30.61%                         | 0.00%                         | -           | 0.00%  | 5.56%                                  | 17.71%                               | 36.40%                      | 9.73%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%     |
| 22   | 20.19%  | 33.27%<br>63.44%               | 2.90%                         | _           | 0.00%  | 10.70%                                 | 0.00%                                | 26.78%                      | 0.00%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%     |
| 24   | 0.00%   | 25.32%                         | 2.27%                         | _           | 0.00%  | 23.91%                                 | 13.46%                               | 27.66%                      | 7.39%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%     |
| 25   | 0.00%   | 0.00%                          | 0.00%                         | -           | 3.27%  | 16.92%                                 | 16.64%                               | 57.48%                      | 3.53%                      | 2.14%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%     |
| 26   | 0.00%   | 0.00%                          | 0.00%                         | -           | 0.00%  | 20.39%                                 | 18.96%                               | 54.10%                      | 6.55%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%     |
| 27   | 0.00%   | 25.07%                         | 2.25%                         | -           | 0.00%  | 4.18%                                  | 25.68%                               | 0.00%                       | 30.28%                     | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 12.55%                               | 0.00%                                      | 0.00%                         | 100.00%     |
| 28   | 0.00%   | 12.64%                         | 1.13%                         | _           | 0.00%  | 2.40%                                  | 31.79%                               | 15.33%<br>25.54%            | 0.00%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 3.80%                                      | 8.95%                         | 100.00%     |
| 30   | 0.00%   | 31.53%                         | 2.80%                         | _           | 13.56%   | 3.64%                                  | 12.76%                               | 28.71%                      | 7.01%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%     |
| 31   | 0.00%   | 0.00%                          | 0.00%                         | -           | 29.69%   | 0.00%                                  | 18.49%                               | 41.12%                      | 10.69%                     | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%     |
| 32   | 0.00%   | 0.00%                          | 0.00%                         | -           | 31.35%   | 0.00%                                  | 18.14%                               | 40.68%                      | 9.83%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%     |
| 33   | 0.00%   | 0.00%                          | 0.00%                         | -           | 23.06%   | 3.83%                                  | 21.33%                               | 39.30%                      | 12.48%                     | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%     |
| 34   | 0.00%   | 0.00%                          | 0.00%                         | _           | 22 53%   | 0.00%                                  | 3.22%                                | 3.76%                       | 0.08%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 2.08%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%     |
| 36   | 0.00%   | 0.00%                          | 0.00%                         | _           | 38.72%   | 0.00%                                  | 9.47%                                | 17.83%                      | 5.20%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 28.78%                            | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%     |
| 37   | 0.00%   | 0.00%                          | 0.00%                         | -           | 15.66%   | 0.00%                                  | 15.93%                               | 28.23%                      | 8.09%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 32.08%                            | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%     |
| 38   | 0.00%   | 0.00%                          | 0.00%                         | -           | 39.17%   | 0.00%                                  | 10.36%                               | 19.68%                      | 0.00%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 30.79%                            | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%     |
| 39   | 0.00%   | 0.00%                          | 0.00%                         | -           | 27.07%   | 0.00%                                  | 10.81%                               | 0.00%                       | 0.00%                      | 0.00%                       | 0.00%                      | 0.00%                         | 6.66%                             | 55.45%                            | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%     |
| 40   | 0.00%   | 0.00%                          | 0.00%                         | _           | 24.03%   | 0.00%                                  | 20.08%                               | 0.00%                       | 0.00%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 51 87%                            | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%     |
| 42   | _   | _                              | _                             | _           | _  | _                                      | _                                    | _                           | _                          | _                           | _                          | -                             | -                                 | -                                 | -                                  | _                               | _                                 | _                                    | _  | _                             | _           |
| 43   | -   | -                              | -                             | -           | -  | -                                      | -                                    | -                           | -                          | -                           | -                          | -                             | -                                 | -                                 | -                                  | -                               | -                                 | -                                    | -  | -                             | -           |
| 44   | 9.24%   | 0.00%                          | 0.00%                         | -           | 0.00%  | 0.00%                                  | 23.93%                               | 49.18%                      | 17.65%                     | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%     |
| 45   | 0.00%   | 0.00%                          | 0.00%                         | -           | 100.00   | 0.00%                                  | 0.00%                                | 0.00%                       | 0.00%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%     |
| 40   | 0.00%   | 0.00%                          | 0.00%                         | _           | 0.00%  | 0.00%                                  | 0.00%                                | 0.00%                       | 0.00%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 0.00%       |
| 48   | 0.00%   | 0.00%                          | 0.00%                         | _           | 0.00%  | 0.00%                                  | 0.00%                                | 0.00%                       | 0.00%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 0.00%       |
| 49   | 0.00%   | 0.00%                          | 0.00%                         | -           | 0.00%  | 0.00%                                  | 0.00%                                | 0.00%                       | 0.00%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 100.00                             | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%     |
| 50   | 23.32%  | 32.70%                         | 2.95%                         | -           | 3.72%  | 1.38%                                  | 8.85%                                | 19.19%                      | 6.50%                      | 1.40%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%     |
| 51   | 20.68%  | 26.74%                         | 2.43%                         | -           | 0.00%  | 1.44%                                  | 10.45%                               | 21.15%                      | 7.66%                      | 1.54%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 7.91%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%     |
| 52   | 13 370/-                                      | 0.00%                          | 0.00%                         | _           | 0.00%  | 0.00%                                  | 0.00%                                | 0.00%                       | 0.00%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%     |
| 53   | 18.12%  | 27.87%                         | 2.53%                         | _           | 0.00%  | 1.55%                                  | 10.88%                               | 21.90%                      | 7.44%                      | 1.57%                       | 0.00%                      | 0.00%                         | 0.00%                             | 8.15%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%     |
| 55   | 0.00%   | 0.00%                          | 0.00%                         | -           | 0.00%  | 3.73%                                  | 19.87%                               | 40.01%                      | 13.58%                     | 3.37%                       | 0.00%                      | 0.00%                         | 0.00%                             | 19.43%                            | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%     |
| 56   | 24.86%  | 33.65%                         | 3.03%                         | _           | 0.00%  | 1.38%                                  | 9.65%                                | 19.44%                      | 6.60%                      | 1.40%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%     |
| 57   | 27.62%  | 25.22%                         | 2.23%                         | -           | 0.00%  | 0.98%                                  | 8.85%                                | 14.31%                      | 6.35%                      | 1.05%                       | 0.00%                      | 0.00%                         | 0.00%                             | 4.79%                             | 0.00%                              | 0.00%                           | 1.96%                             | 0.00%                                | 1.98%                                      | 4.66%                         | 100.00%     |
| 58   | 6.45%<br>5.00%                                | 61.13%<br>57.85%               | 5.41%                         | -           | 0.00%  | 2.73%                                  | 5.39%                                | 14.89%                      | 4.01%                      | 0.00%                       | 0.00%                      | 0.00%                         | 0.00%                             | 0.00%                             | 0.00%                              | 0.00%                           | 0.00%                             | 0.00%                                | 0.00%                                      | 0.00%                         | 100.00%     |
| - 59 | 3.00%   | 57.0570                        | 7.2270                        | -           | 0.00%  | 1.737/0                                | 7.4170                               | 3.0270                      | 2./170                     | 0.79%                       | 0.00%                      | 0.0070                        | 0.00%                             | 0.0070                            | 0.0070                             | 0.0070                          | 0.0070                            | 12.07 70                             | Calcu                                      | lated from                    | Appendix 10 |

## APPENDIX 15 - TURNOVER FORECAST FOR PROPOSED COFFERIDGE CLOSE STORE IN 2016

|                       | FORECAST TOTAL           | CONVENIENCE-G                | OODS SPENDING  |                          | TURNOVER FORECAST FOR PROPOSED COFFERIDGE CLOSE STORE IN 2016 |            |                          |                              |            |                          |                              |            |                     |                    |                     |  |
|-----------------------|--------------------------|------------------------------|----------------|--------------------------|---|------------|--------------------------|------------------------------|------------|--------------------------|------------------------------|------------|---------------------|--------------------|---------------------|--|
| ZONES                 | IN SU                    | JPERMARKETS IN               | ARKETS IN 2016 |                          | NIMUM SCENAR  | 10         | ME                       | EDIAN SCENAR                 | 10         | MA                       | XIMUM SCENA                  | RIO        | S                   | STORE IN 2016      |                     |  |
|                       | CAR-OWNING<br>HOUSEHOLDS | NON-CAR-OWNING<br>HOUSEHOLDS | TOTAL          | CAR-OWNING<br>HOUSEHOLDS | NON-CAR-OWNING<br>HOUSEHOLDS                                  | TOTAL      | CAR-OWNING<br>HOUSEHOLDS | NON-CAR-OWNING<br>HOUSEHOLDS | TOTAL      | CAR-OWNING<br>HOUSEHOLDS | NON-CAR-OWNING<br>HOUSEHOLDS | TOTAL      | MINIMUM<br>SCENARIO | MEDIAN<br>SCENARIO | MAXIMUM<br>SCENARIO |  |
|                       | (1)                      | (2)                          | (3)            | (4)                      | (5)   | (6)        | (7)                      | (8)                          | (9)        | (10)                     | (11)                         | (12)       | (13)                | (14)               | (15)                |  |
| Stony Stratford (civi | l parish)                |                              |                |                          |   |            |                          |                              |            |                          |                              |            |                     |                    |                     |  |
| 1a                    | £521,529                 | £93,201                      | £614,730       | £93,265                  | £69,181   | £162,446   | £170,179                 | £69,181                      | £239,360   | £223,673                 | £69,181                      | £292,854   | 26.43%              | 38.94%             | 47.64%              |  |
| 1b                    | £483,852                 | £79,320                      | £563,172       | £49,540                  | £71,293   | £120,833   | £97,912                  | £71,293                      | £169,205   | £136,589                 | £71,293                      | £207,882   | 21.46%              | 30.05%             | 36.91%              |  |
| 1c                    | £368,838                 | £111,048                     | £479,886       | £193,721                 | £83,710   | £277,430   | £262,250                 | £83,710                      | £345,960   | £292,230                 | £83,710                      | £375,939   | 57.81%              | 72.09%             | 78.34%              |  |
| 1d                    | £448,158                 | £101,133                     | £549,291       | £276,452                 | £76,235   | £352,688   | £350,327                 | £76,235                      | £426,563   | £379,756                 | £76,235                      | £455,992   | 64.21%              | 77.66%             | 83.01%              |  |
| 1e                    | £408,498                 | £93,201                      | £501,699       | £143,443                 | £71,610   | £215,052   | £223,125                 | £71,610                      | £294,735   | £265,972                 | £71,610                      | £337,582   | 42.86%              | 58.75%             | 67.29%              |  |
| 1f                    | £487,818                 | £67,422                      | £555,240       | £215,975                 | £57,498   | £273,473   | £311,522                 | £57,498                      | £369,020   | £357,371                 | £57,498                      | £414,869   | 49.25%              | 66.46%             | 74.72%              |  |
| 2                     | £2,673,084               | £523,512                     | £3,196,596     | £121,336                 | £212,394  | £333,730   | £255,662                 | £212,394                     | £468,056   | £376,553                 | £212,394                     | £588,947   | 10.44%              | 14.64%             | 18.42%              |  |
| 3                     | £2,792,064               | £311,331                     | £3,103,395     | £142,413                 | £60,800   | £203,214   | £298,132                 | £60,800                      | £358,932   | £436,563                 | £60,800                      | £497,363   | 6.55%               | 11.57%             | 16.03%              |  |
| 4                     | £2,562,036               | £374,787                     | £2,936,823     | £1,145,804               | £158,193  | £1,303,997 | £1,646,840               | £158,193                     | £1,805,034 | £1,886,007               | £158,193                     | £2,044,200 | 44.40%              | 61.46%             | 69.61%              |  |
| 5                     | £2,409,345               | £557,223                     | £2,966,568     | £71,838                  | £128,455  | £200,293   | £154,152                 | £128,455                     | £282,607   | £230,865                 | £128,455                     | £359,320   | 6.75%               | 9.53%              | 12.11%              |  |
| Sub-total 1–5         | £13,155,222              | £2,312,178                   | £15,467,400    | £2,453,787               | £989,370  | £3,443,156 | £3,770,102               | £989,370                     | £4,759,471 | £4,585,580               | £989,370                     | £5,574,949 | 22.26%              | 30.77%             | 36.04%              |  |
| Other urban           |                          |                              |                |                          |   |            |                          |                              |            |                          |                              |            |                     |                    |                     |  |
| 6                     | £3,317,559               | £285.552                     | £3.603.111     | £7,503                   | £36.894   | £44.397    | £16.642                  | £36.894                      | £53,536    | £25.730                  | £36.894                      | £62.624    | 1.23%               | 1.49%              | 1.74%               |  |
| 7                     | £2,677,050               | £844.758                     | £3,521,808     | £3,786                   | £45,704   | £49,491    | £8,407                   | £45,704                      | £54,111    | £13.011                  | £45,704                      | £58,716    | 1.41%               | 1.54%              | 1.67%               |  |
| 8                     | £3,232,290               | £676.203                     | £3,908,493     | £2,963                   | £29,194   | £32,157    | £6.582                   | £29,194                      | £35,776    | £10,193                  | £29,194                      | £39.387    | 0.82%               | 0.92%              | 1.01%               |  |
| 9                     | £3,141,072               | £569,121                     | £3,710,193     | £4,494                   | £22,640   | £27,135    | £9,978                   | £22,640                      | £32,619    | £15,443                  | £22,640                      | £38,083    | 0.73%               | 0.88%              | 1.03%               |  |
| 10                    | £2,928,891               | £640,509                     | £3,569,400     | £7,907                   | £41,767   | £49,674    | £17,529                  | £41,767                      | £59,296    | £27,088                  | £41,767                      | £68,854    | 1.39%               | 1.66%              | 1.93%               |  |
| 11                    | £3,266,001               | £844,758                     | £4,110,759     | £43,171                  | £101.058  | £144,230   | £94,490                  | £101.058                     | £195,549   | £144,200                 | £101.058                     | £245,259   | 3.51%               | 4,76%              | 5.97%               |  |
| 12                    | £1,973,000               | £751,713                     | £2,724,713     | £24,901                  | £110,389  | £135,290   | £54,542                  | £110,389                     | £164,930   | £83,293                  | £110,389                     | £193,682   | 4.97%               | 6.05%              | 7.11%               |  |
| 13                    | £2,946,336               | £123,417                     | £3.069.753     | £12.675                  | £22,463   | £35,138    | £28.043                  | £22,463                      | £50,506    | £43.251                  | £22,463                      | £65,715    | 1.14%               | 1.65%              | 2.14%               |  |
| 14                    | £2,384,570               | £783,835                     | £3,168,405     | £5,162                   | £-  | £5,162     | £11,451                  | £-                           | £11,451    | £17,707                  | £-                           | £17,707    | 0.16%               | 0.36%              | 0.56%               |  |
| 15                    | £2,670,485               | £694,365                     | £3,364,850     | £7,952                   | £-  | £7,952     | £17,623                  | £-                           | £17,623    | £27,223                  | £-                           | £27,223    | 0.24%               | 0.52%              | 0.81%               |  |
| 16                    | £2,979,740               | £410,395                     | £3,390,135     | £7,465                   | £-  | £7,465     | £16,552                  | £-                           | £16,552    | £25,584                  | £-                           | £25,584    | 0.22%               | 0.49%              | 0.75%               |  |
| 17                    | £2,734,670               | £204,225                     | £2,938,895     | £7,890                   | £-  | £7,890     | £17,486                  | £-                           | £17,486    | £27.015                  | £-                           | £27,015    | 0.27%               | 0.59%              | 0.92%               |  |
| 18                    | £2,886,499               | £195,327                     | £3,081,826     | £10,425                  | £-  | £10,425    | £23,084                  | £-                           | £23,084    | £35,633                  | £-                           | £35,633    | 0.34%               | 0.75%              | 1.16%               |  |
| 19                    | £1,810,795               | £571,830                     | £2,382,625     | £12,067                  | £86,328   | £98,395    | £26,621                  | £86,328                      | £112,949   | £40,942                  | £86,328                      | £127,270   | 4.13%               | 4.74%              | 5.34%               |  |
| 20                    | £2,456,535               | £776,055                     | £3,232,590     | £6,221                   | £-  | £6,221     | £13,793                  | £-                           | £13,793    | £21,318                  | £-                           | £21,318    | 0.19%               | 0.43%              | 0.66%               |  |
| 21                    | £2,835,810               | £451,240                     | £3,287,050     | £6,536                   | £-  | £6,536     | £14,496                  | £-                           | £14,496    | £22,412                  | £-                           | £22,412    | 0.20%               | 0.44%              | 0.68%               |  |
| 22                    | £2,318,440               | £826,625                     | £3,145,065     | £3,319                   | £58,065   | £61,385    | £7,369                   | £58,065                      | £65,435    | £11,406                  | £58,065                      | £69,471    | 1.95%               | 2.08%              | 2.21%               |  |
| 23                    | £2,742,470               | £428,141                     | £3,170,611     | £10,812                  | £86,458   | £97,270    | £23,932                  | £86,458                      | £110,390   | £36,927                  | £86,458                      | £123,385   | 3.07%               | 3.48%              | 3.89%               |  |
| 24                    | £3,308,721               | £266,355                     | £3,575,076     | £8,779                   | £-  | £8,779     | £19,461                  | £-                           | £19,461    | £30,075                  | £-                           | £30,075    | 0.25%               | 0.54%              | 0.84%               |  |
| 25                    | £2,521,494               | £611,630                     | £3,133,124     | £1,672                   | £-  | £1,672     | £3,715                   | £-                           | £3,715     | £5,755                   | £-                           | £5,755     | 0.05%               | 0.12%              | 0.18%               |  |
| 26                    | £3,308,721               | £217,030                     | £3,525,751     | £4,342                   | £-  | £4,342     | £9,642                   | £-                           | £9,642     | £14,925                  | £-                           | £14,925    | 0.12%               | 0.27%              | 0.42%               |  |
| 27                    | £2,678,265               | £735,210                     | £3,413,475     | £2,728                   | £-  | £2,728     | £6,059                   | £-                           | £6,059     | £9,382                   | £-                           | £9,382     | 0.08%               | 0.18%              | 0.27%               |  |
| 28                    | £2,631,585               | £900,535                     | £3,532,120     | £-                       | £-  | £-         | £-                       | £-                           | £-         | £-                       | £-                           | £-         | 0.00%               | 0.00%              | 0.00%               |  |
| 29                    | £2,144,651               | £388,681                     | £2,533,332     | £9,767                   | £26,489   | £36,255    | £21,602                  | £26,489                      | £48,091    | £33,307                  | £26,489                      | £59,795    | 1.43%               | 1.90%              | 2.36%               |  |
| 30                    | £2,365,627               | £284,112                     | £2,649,739     | £6,183                   | £-  | £6,183     | £13,707                  | £-                           | £13,707    | £21,184                  | £-                           | £21,184    | 0.23%               | 0.52%              | 0.80%               |  |
| 31                    | £3,196,260               | £118,380                     | £3,314,640     | £6,562                   | £-  | £6,562     | £14,557                  | £-                           | £14,557    | £22,513                  | £-                           | £22,513    | 0.20%               | 0.44%              | 0.68%               |  |
| 32                    | £2,876,634               | £288,058                     | £3,164,692     | £6,980                   | £-  | £6,980     | £15,479                  | £-                           | £15,479    | £23,928                  | £-                           | £23,928    | 0.22%               | 0.49%              | 0.76%               |  |
| 33                    | £2,660,112               | £272,223                     | £2,932,335     | £8,310                   | £-  | £8,310     | £18,413                  | £-                           | £18,413    | £28,439                  | £-                           | £28,439    | 0.28%               | 0.63%              | 0.97%               |  |
| 34                    | £2,658,285               | £295,974                     | £2,954,259     | £786                     | £-  | £786       | £1,747                   | £-                           | £1,747     | £2,708                   | £-                           | £2,708     | 0.03%               | 0.06%              | 0.09%               |  |
| 35                    | £6,146,557               | £431,775                     | £6,578,332     | £14,846                  | £-  | £14,846    | £32,922                  | £-                           | £32,922    | £50,892                  | £-                           | £50,892    | 0.23%               | 0.50%              | 0.77%               |  |
| 36                    | £5,979,604               | £412,585                     | £6,392,189     | £11,313                  | £-  | £11,313    | £25,103                  | £-                           | £25,103    | £38,830                  | £-                           | £38,830    | 0.18%               | 0.39%              | 0.61%               |  |
| 37                    | £5,762,358               | £632,142                     | £6,394,500     | £8,353                   | £-  | £8,353     | £18,545                  | £-                           | £18,545    | £28,701                  | £-                           | £28,701    | 0.13%               | 0.29%              | 0.45%               |  |
| 38                    | £3,933,950               | £433,694                     | £4,367,644     | £5,634                   | £-  | £5,634     | £12,510                  | £-                           | £12,510    | £19,361                  | £-                           | £19,361    | 0.13%               | 0.29%              | 0.44%               |  |
| 39                    | £3,530,960               | £1,118,777                   | £4,649,737     | £5,828                   | £-  | £5,828     | £12,937                  | £-                           | £12,937    | £20,017                  | £-                           | £20,017    | 0.13%               | 0.28%              | 0.43%               |  |
| 40                    | £4,377,239               | £307,040                     | £4,684,279     | £7,352                   | £-  | £7,352     | £16,317                  | £-                           | £16,317    | £25,247                  | £-                           | £25,247    | 0.16%               | 0.35%              | 0.54%               |  |
| 41                    | £6,695,391               | £642,865                     | £7,338,256     | £15,909                  | £-  | £15,909    | £35,281                  | £-                           | £35,281    | £54,542                  | £-                           | £54,542    | 0.22%               | 0.48%              | 0.74%               |  |
| 42                    | £1,607,663               | £266,687                     | £1,874,350     | £2,541                   | £-  | £2,541     | £5,641                   | £-                           | £5,641     | £8,729                   | £-                           | £8,729     | 0.14%               | 0.30%              | 0.47%               |  |
| 43                    | £4,315,307               | £715,843                     | £5,031,150     | £53,404                  | £-  | £53,404    | £117,006                 | £-                           | £117,006   | £178,737                 | £-                           | £178,737   | 1.06%               | 2.33%              | 3.55%               |  |
| Sub-total 6-43        | £122,001,598             | £19,417,664                  | £141,419,262   | £366,539                 | £667,450  | £1,033,989 | £809,269                 | £667,450                     | £1,476,719 | £1,245,650               | £667,450                     | £1,913,100 | 0.73%               | 1.04%              | 1.35%               |  |

(Continued on opposite page)

## APPENDIX 15 - TURNOVER FORECAST FOR PROPOSED COFFERIDGE CLOSE STORE IN 2016 (continued)

(Continued from opposite page)

| FORECAST T               | OTAL CONVENIE  | NCE-GOODS   |   | FORECAST MARKET SHARE OF  |  |  |   |  |   |  |   |  |  |   |
|--------------------------|--|---|---|---|--|--|---|--|---|--|---|--|--|---|
| SPENDING                 | IN SUPERMARKE  | TS IN 2016  | м   | INIMUM SCEN   | IARIO  | N  | IEDIAN SCEN   | ARIO   | N   | STORE IN 2016  |   |  |  |   |
| CAR-OWNING<br>HOUSEHOLDS | NON-CAR-OWNING<br>HOUSEHOLDS   | TOTAL   | CAR-OWNING<br>HOUSEHOLDS  | NON-CAR-<br>OWNING<br>HOUSEHOLDS  | TOTAL  | CAR-OWNING<br>HOUSEHOLDS   | NON-CAR-<br>OWNING<br>HOUSEHOLDS  | TOTAL  | CAR-OWNING<br>HOUSEHOLDS  | NON-CAR-<br>OWNING<br>HOUSEHOLDS   | TOTAL   | MINIMUM<br>SCENARIO  | MEDIAN<br>SCENARIO   | MAXIMUM<br>SCENARIO   |
| (1)                      | (2)  | (3)   | (4)   | (5)   | (6)  | (7)  | (8)   | (9)  | (10)  | (11)   | (12)  | (13)   | (14)   | (15)  |
|                          |  |   |   |   |  |  |   |  |   |  |   |  |  |   |
| £652,750                 | £55,950  | £708,700  | £15,670   | £5,168  | £20,839  | £33,858  | £5,168  | £39,026  | £51,036   | £5,168   | £56,204   | 2.94%  | 5.51%  | 7.93%   |
| £772,486                 | £43,654  | £816,140  | £8,831  | £-  | £8,831   | £19,370  | £-  | £19,370  | £29,622   | £-   | £29,622   | 1.08%  | 2.37%  | 3.63%   |
| £780,078                 | £30,368  | £810,446  | £41,917   | £-  | £41,917  | £87,476  | £-  | £87,476  | £127,738  | £-   | £127,738  | 5.17%  | 10.79%   | 15.76%  |
| £292,805                 | £9,325   | £302,130  | £72,095   | £-  | £72,095  | £123,212   | £-  | £123,212   | £155,104  | £-   | £155,104  | 23.86%   | 40.78%   | 51.34%  |
| £422,702                 | £-   | £422,702  | £25,881   | £-  | £25,881  | £53,550  | £-  | £53,550  | £77,611   | £-   | £77,611   | 6.12%  | 12.67%   | 18.36%  |
| £367,200                 | £9,180   | £376,380  | £11,199   | £-  | £11,199  | £24,011  | £-  | £24,011  | £35,933   | £-   | £35,933   | 2.98%  | 6.38%  | 9.55%   |
| £719,890                 | £57,815  | £777,705  | £55,877   | £13,481   | £69,358  | £113,494   | £13,481   | £126,975   | £161,911  | £13,481  | £175,392  | 8.92%  | 16.33%   | 22.55%  |
| £6,281,320               | £391,650   | £6,672,970  | £274,886  | £80,988   | £355,874   | £580,298   | £80,988   | £661,285   | £856,153  | £80,988  | £937,141  | 5.33%  | 9.91%  | 14.04%  |
| £849,609                 | £20,361  | £869,970  | £44,186   | £20,361   | £64,547  | £92,393  | £20,361   | £112,754   | £135,155  | £20,361  | £155,516  | 7.42%  | 12.96%   | 17.88%  |
| £3,319,488               | £253,368   | £3,572,856  | £96,277   | £33,869   | £130,146   | £206,792   | £33,869   | £240,661   | £309,980  | £33,869  | £343,849  | 3.64%  | 6.74%  | 9.62%   |
| £4,476,168               | £223,992   | £4,700,160  | £243,116  | £40,586   | £283,702   | £507,014   | £40,586   | £547,600   | £739,939  | £40,586  | £780,525  | 6.04%  | 11.65%   | 16.61%  |
| £846,396                 | £31,212  | £877,608  | £48,063   | £-  | £48,063  | £99,951  | £-  | £99,951  | £145,505  | £-   | £145,505  | 5.48%  | 11.39%   | 16.58%  |
| £1,169,355               | £80,195  | £1,249,550  | £46,090   | £19,940   | £66,030  | £97,793  | £19,940   | £117,732   | £144,945  | £19,940  | £164,885  | 5.28%  | 9.42%  | 13.20%  |
| £3,754,245               | £266,695   | £4,020,940  | £272,309  | £73,673   | £345,982   | £556,262   | £73,673   | £629,935   | £797,394  | £73,673  | £871,067  | 8.60%  | 15.67%   | 21.66%  |
| £600,530                 | £57,815  | £658,345  | £34,728   | £3,728  | £38,456  | £72,134  | £3,728  | £75,862  | £104,901  | £3,728   | £108,629  | 5.84%  | 11.52%   | 16.50%  |
| £2,997,055               | £208,880   | £3,205,935  | £9,167  | £10,435   | £19,602  | £20,313  | £10,435   | £30,747  | £31,375   | £10,435  | £41,810   | 0.61%  | 0.96%  | 1.30%   |
| £28,302,077              | £1,740,460   | £30,042,537   | £1,300,293  | £302,228  | £1,602,522   | £2,687,919   | £302,228  | £2,990,148   | £3,904,302  | £302,228   | £4,206,530  | 5.33%  | 9.95%  | 14.00%  |
|                          |  |   |   |   | £6,079,667   |  |   | £9,226,338   |   |  | £11,694,580   |  |  |   |
|                          | CAR-OWNING<br>HOUSEHOLDS<br>(1)<br>(1)<br>(1)<br>(1)<br>(1)<br>(1)<br>(1)<br>(1)<br>(1)<br>(1) | CAR-OWNING<br>HOUSEHOLDS         NON-CAR-OWNING<br>HOUSEHOLDS           (1)         (2)           £652,750         £55,950           £772,486         £43,654           £780,078         £30,368           £292,805         £9,325           £42,702         £-           £367,200         £9,180           £719,890         £57,815           £6,281,320         £391,650           £33,19,488         £223,992           £846,396         £31,212           £1,60,530         £57,815           £6,0530         £57,815           £20,997,055         £208,880           £23,997         £1,404,660 | CARECAST TOTAL CONVENIENCE-GOODS<br>SPENDING IN SUPERMARKETS IN 2018           CAR-OWNING<br>HOUSEHOLDS         NON-CAR-OWNING<br>HOUSEHOLDS         TOTAL           (1)         (2)         (3)           £652,750         £55,950         £708,700           £772,486         £43,654         £816,140           £780,078         £30,368         £810,446           £292,805         £9,325         £302,130           £422,702         £         £422,702           £367,200         £9,180         £376,380           £719,890         £57,815         £777,705           £6,281,320         £391,650         £6,672,970           £3,319,488         £223,308         £3,572,856           £4,476,168         £223,992         £4,700,160           £846,396         £31,212         £877,608           £1,169,355         £80,195         £1,249,550           £3,754,245         £266,695         £4,020,940           £600,530         £57,815         £658,345           £2,997,055         £208,880         £3,205,935 <b>£28,302,077 £1,740,460 £30,042,537</b> | CAR-OWNING<br>HOUSEHOLDS         NON-CAR-OWNING<br>HOUSEHOLDS         TOTAL         CAR-OWNING<br>HOUSEHOLDS         CAR-OWNING<br>HOUSEHOLDS         TOTAL         CAR-OWNING<br>HOUSEHOLDS           (1)         (2)         (3)         (4)           £652,750         £55,950         £708,700         £15,670           £772,486         £43,654         £816,140         £8,831           £780,078         £30,368         £810,446         £41,917           £292,805         £9,325         £302,130         £72,095           £422,702         £-         £422,702         £58,871           £422,702         £-         £422,702         £58,877           £6,281,320         £391,650         £6,672,970         £274,886           £849,609         £23,368         £3,572,856         £96,277           £4,476,168         £223,992         £4,700,160         £243,116           £846,396         £31,212         £877,608         £48,063           £1,169,355         £80,195         £1,249,550         £66,090           £3,754,245         £266,695         £4,020,940         £272,309           £600,530         £57,815         £658,345         £34,728           £2,997,055         £208,880         £3,205,935 | CAR-OWNING<br>HOUSEHOLDS         NON-CAR-OWNING<br>HOUSEHOLDS         TOTAL         CAR-OWNING<br>HOUSEHOLDS         NON-CAR-OWNING<br>HOUSEHOLDS         NON-CAR-OWNING<br>HOUSEHOLDS <td>POHECAS I TOTAL CONVENIENCE-GOODS<br/>SPENDING IN SUPERMARKETS IN 2016         MINIMUM SCENARIO           CAR-OWNING<br/>HOUSEHOLDS         NON-CAR-OWNING<br/>HOUSEHOLDS         TOTAL         CAR-OWNING<br/>HOUSEHOLDS         NON-CAR-OWNING<br/>HOUSEHOLDS         TOTAL           (1)         (2)         (3)         (4)         (5)         (6)           £652,750         £55,950         £708,700         £15,670         £5,168         £20,839           £772,486         £43,654         £816,140         £8,831         £-         £8,831           £780,078         £30,368         £810,446         £41,917         £-         £41,917           £292,805         £9,325         £302,130         £72,095         £-         £72,095           £422,702         £-         £422,702         £-         £42,702         £55,817         £13,481         £69,358           £367,200         £9,180         £376,380         £11,199         £-         £11,199           £11,890         £57,815         £777,705         £55,877         £13,481         £69,370           £48,069         £20,361         £66,572,970         £274,886         £20,365         £45,477           £3,319,488         £253,368         £3,572,856         £96,277         £33,869</td> <td>POHECASI TOTAL CONVENIENCE-300DS         MINIMUM SCENARIO         M           CAR-OWNING<br/>HOUSEHOLDS         NON-CAR-OWNING<br/>HOUSEHOLDS         TOTAL         CAR-OWNING<br/>HOUSEHOLDS         NON-CAR<br/>HOUSEHOLDS         TOTAL         CAR-OWNING<br/>HOUSEHOLDS         TOTAL         CAR-OWNING<br/>HOUSEHOLDS         TOTAL         CAR-OWNING<br/>HOUSEHOLDS         TOTAL         CAR-OWNING<br/>HOUSEHOLDS         TOTAL         CAR-OWNING<br/>HOUSEHOLDS         TOTAL         CAR-OWNING<br/>HOUSEHOLDS           (1)         (2)         (3)         (4)         (5)         (6)         (7)           £652,750         £55,950         £708,700         £15,670         £5,168         £20,839         £33,858           £772,486         £43,654         £816,140         £8,831         £-         £8,831         £19,370           £780,078         £30,368         £810,446         £41,917         £-         £41,917         £87,476           £422,020         £-         £422,020         £25,881         £-         £25,881         £03,528           £367,200         £9,180         £376,380         £11,199         £-         £11,199         £40,011           £719,890         £57,815         £777,705         £55,877         £13,481         £69,538         £13,494           £6,81,320</td> <td>PORECASI FORAL CONVENIENCE-GODDS<br/>SPENDING IN SUPERMARKETS IN 2018         MINIMUM SCENARIO         MEDIAN SCEN           CAR-OWNING<br/>HOUSEHOLDS         TOTAL         CAR-OWNING<br/>HOUSEHOLDS         TOTAL         CAR-OWNING<br/>HOUSEHOLDS         NON-CAR<br/>OWNING<br/>HOUSEHOLDS         NON-CAR<br/>HOUSEHOLDS         NON-CAR<br/>HOUSEHOLDS<td>DRECAST FORMARKETS IN 2018         MINIMUM SCENARIO         MEDIAN SCENARIO           CAR-OWING<br/>HOUSEHOLDS         NON-CAR-OWING<br/>HOUSEHOLDS         NON-CAR</td><td>ONECASI FOR CASI FOR CONVENENCE-GOODS         MINIMUM SCENARIO         MEDIAN SCENARIO         MEDIAN SCENARIO           CAR-OWNING<br/>HOUSEHOLDS         TOTAL         CAR-OWNING<br/>HOUSEHOLDS         TOTAL</td><td>DretCASI IO1AL CONVENIENCE-GOODS<br/>SPEENDING IN SUPERIMARKETS IN 2019         MINIMUM SCENARIO         MEDIAN SCENARIO         MAXIMUM SCENARIO           CAR-OWINIG<br/>HOUSEHOLDS         NON-CAR-<br/>HOUSEHOLDS         TOTAL         CAR-OWINIG<br/>HOUSEHOLDS         TOTAL         NON-CAR-<br/>OWINIG<br/>HOUSEHOLDS         NON-CAR-<br/>OWINIG<br/>HOUSEHOLDS         TOTAL         NON-CAR-<br/>OWINIG<br/>HOUSEHOLDS         TOTAL         NON-CAR-<br/>OWINIG<br/>HOUSEHOLDS         TOTAL         NON-CAR-<br/>OWINIG<br/>HOUSEHOLDS         NON-CAR-<br/>OWINIG<br/>(1)         NON-CAR-<br/>CAR-OWINIG<br/>(2)         NON-CAR-<br/>OWINIG<br/>(4)         NON-CAR-<br/>OWINIG<br/>(4)         TOTAL         NON-CAR-<br/>OWINIG<br/>(7)         NON-CAR-<br/>OWINIG<br/>(8)         NON-CAR-<br/>OWINIG<br/>(10)         NON-CAR-<br/>OWINIG<br/>(10)           1         (2)         (3)         E15,670         E5,168         £20,839         £33,858         £53,168         £39,026         £51,168           £772,496         £43,654         £810,446         £41,917         £-<br/>E4422,702         £-<br/>E422,020         £3,550         £-<br/>E129,2805         £123,212         £-<br/>E129,2805         £127,738         £-<br/>E129,2805         £127,738         £-<br/>E129,2805         £13,212         £-<br/>E129,212         £-<br/>E129,212         £-<br/>E129,212         £-<br/>E129,212         £-<br/>E128,212         £7,611         £-<br/>E129,7305         £5,168         £127,738         £-<br/>E129,7305         £13,212         £-<br/>E129,7305         £13,212         £-</td><td>DRECKS   101AL CONVENIENCE-30003         Difference         Differenc<td>PROPOSE         Difference         Minimum Scenario         <t< td=""><td>Processi for AL Convenies Construction of Call Section Construction of Call Section Construction Constructing Construction Construction Construction Construction Co</td></t<></td></td></td> | POHECAS I TOTAL CONVENIENCE-GOODS<br>SPENDING IN SUPERMARKETS IN 2016         MINIMUM SCENARIO           CAR-OWNING<br>HOUSEHOLDS         NON-CAR-OWNING<br>HOUSEHOLDS         TOTAL         CAR-OWNING<br>HOUSEHOLDS         NON-CAR-OWNING<br>HOUSEHOLDS         TOTAL           (1)         (2)         (3)         (4)         (5)         (6)           £652,750         £55,950         £708,700         £15,670         £5,168         £20,839           £772,486         £43,654         £816,140         £8,831         £-         £8,831           £780,078         £30,368         £810,446         £41,917         £-         £41,917           £292,805         £9,325         £302,130         £72,095         £-         £72,095           £422,702         £-         £422,702         £-         £42,702         £55,817         £13,481         £69,358           £367,200         £9,180         £376,380         £11,199         £-         £11,199           £11,890         £57,815         £777,705         £55,877         £13,481         £69,370           £48,069         £20,361         £66,572,970         £274,886         £20,365         £45,477           £3,319,488         £253,368         £3,572,856         £96,277         £33,869 | POHECASI TOTAL CONVENIENCE-300DS         MINIMUM SCENARIO         M           CAR-OWNING<br>HOUSEHOLDS         NON-CAR-OWNING<br>HOUSEHOLDS         TOTAL         CAR-OWNING<br>HOUSEHOLDS         NON-CAR<br>HOUSEHOLDS         TOTAL         CAR-OWNING<br>HOUSEHOLDS         TOTAL         CAR-OWNING<br>HOUSEHOLDS         TOTAL         CAR-OWNING<br>HOUSEHOLDS         TOTAL         CAR-OWNING<br>HOUSEHOLDS         TOTAL         CAR-OWNING<br>HOUSEHOLDS         TOTAL         CAR-OWNING<br>HOUSEHOLDS           (1)         (2)         (3)         (4)         (5)         (6)         (7)           £652,750         £55,950         £708,700         £15,670         £5,168         £20,839         £33,858           £772,486         £43,654         £816,140         £8,831         £-         £8,831         £19,370           £780,078         £30,368         £810,446         £41,917         £-         £41,917         £87,476           £422,020         £-         £422,020         £25,881         £-         £25,881         £03,528           £367,200         £9,180         £376,380         £11,199         £-         £11,199         £40,011           £719,890         £57,815         £777,705         £55,877         £13,481         £69,538         £13,494           £6,81,320 | PORECASI FORAL CONVENIENCE-GODDS<br>SPENDING IN SUPERMARKETS IN 2018         MINIMUM SCENARIO         MEDIAN SCEN           CAR-OWNING<br>HOUSEHOLDS         TOTAL         CAR-OWNING<br>HOUSEHOLDS         TOTAL         CAR-OWNING<br>HOUSEHOLDS         NON-CAR<br>OWNING<br>HOUSEHOLDS         NON-CAR<br>HOUSEHOLDS         NON-CAR<br>HOUSEHOLDS <td>DRECAST FORMARKETS IN 2018         MINIMUM SCENARIO         MEDIAN SCENARIO           CAR-OWING<br/>HOUSEHOLDS         NON-CAR-OWING<br/>HOUSEHOLDS         NON-CAR</td> <td>ONECASI FOR CASI FOR CONVENENCE-GOODS         MINIMUM SCENARIO         MEDIAN SCENARIO         MEDIAN SCENARIO           CAR-OWNING<br/>HOUSEHOLDS         TOTAL         CAR-OWNING<br/>HOUSEHOLDS         TOTAL</td> <td>DretCASI IO1AL CONVENIENCE-GOODS<br/>SPEENDING IN SUPERIMARKETS IN 2019         MINIMUM SCENARIO         MEDIAN SCENARIO         MAXIMUM SCENARIO           CAR-OWINIG<br/>HOUSEHOLDS         NON-CAR-<br/>HOUSEHOLDS         TOTAL         CAR-OWINIG<br/>HOUSEHOLDS         TOTAL         NON-CAR-<br/>OWINIG<br/>HOUSEHOLDS         NON-CAR-<br/>OWINIG<br/>HOUSEHOLDS         TOTAL         NON-CAR-<br/>OWINIG<br/>HOUSEHOLDS         TOTAL         NON-CAR-<br/>OWINIG<br/>HOUSEHOLDS         TOTAL         NON-CAR-<br/>OWINIG<br/>HOUSEHOLDS         NON-CAR-<br/>OWINIG<br/>(1)         NON-CAR-<br/>CAR-OWINIG<br/>(2)         NON-CAR-<br/>OWINIG<br/>(4)         NON-CAR-<br/>OWINIG<br/>(4)         TOTAL         NON-CAR-<br/>OWINIG<br/>(7)         NON-CAR-<br/>OWINIG<br/>(8)         NON-CAR-<br/>OWINIG<br/>(10)         NON-CAR-<br/>OWINIG<br/>(10)           1         (2)         (3)         E15,670         E5,168         £20,839         £33,858         £53,168         £39,026         £51,168           £772,496         £43,654         £810,446         £41,917         £-<br/>E4422,702         £-<br/>E422,020         £3,550         £-<br/>E129,2805         £123,212         £-<br/>E129,2805         £127,738         £-<br/>E129,2805         £127,738         £-<br/>E129,2805         £13,212         £-<br/>E129,212         £-<br/>E129,212         £-<br/>E129,212         £-<br/>E129,212         £-<br/>E128,212         £7,611         £-<br/>E129,7305         £5,168         £127,738         £-<br/>E129,7305         £13,212         £-<br/>E129,7305         £13,212         £-</td> <td>DRECKS   101AL CONVENIENCE-30003         Difference         Differenc<td>PROPOSE         Difference         Minimum Scenario         <t< td=""><td>Processi for AL Convenies Construction of Call Section Construction of Call Section Construction Constructing Construction Construction Construction Construction Co</td></t<></td></td> | DRECAST FORMARKETS IN 2018         MINIMUM SCENARIO         MEDIAN SCENARIO           CAR-OWING<br>HOUSEHOLDS         NON-CAR-OWING<br>HOUSEHOLDS         NON-CAR | ONECASI FOR CASI FOR CONVENENCE-GOODS         MINIMUM SCENARIO         MEDIAN SCENARIO         MEDIAN SCENARIO           CAR-OWNING<br>HOUSEHOLDS         TOTAL         CAR-OWNING<br>HOUSEHOLDS         TOTAL | DretCASI IO1AL CONVENIENCE-GOODS<br>SPEENDING IN SUPERIMARKETS IN 2019         MINIMUM SCENARIO         MEDIAN SCENARIO         MAXIMUM SCENARIO           CAR-OWINIG<br>HOUSEHOLDS         NON-CAR-<br>HOUSEHOLDS         TOTAL         CAR-OWINIG<br>HOUSEHOLDS         TOTAL         NON-CAR-<br>OWINIG<br>HOUSEHOLDS         NON-CAR-<br>OWINIG<br>HOUSEHOLDS         TOTAL         NON-CAR-<br>OWINIG<br>HOUSEHOLDS         TOTAL         NON-CAR-<br>OWINIG<br>HOUSEHOLDS         TOTAL         NON-CAR-<br>OWINIG<br>HOUSEHOLDS         NON-CAR-<br>OWINIG<br>(1)         NON-CAR-<br>CAR-OWINIG<br>(2)         NON-CAR-<br>OWINIG<br>(4)         NON-CAR-<br>OWINIG<br>(4)         TOTAL         NON-CAR-<br>OWINIG<br>(7)         NON-CAR-<br>OWINIG<br>(8)         NON-CAR-<br>OWINIG<br>(10)         NON-CAR-<br>OWINIG<br>(10)           1         (2)         (3)         E15,670         E5,168         £20,839         £33,858         £53,168         £39,026         £51,168           £772,496         £43,654         £810,446         £41,917         £-<br>E4422,702         £-<br>E422,020         £3,550         £-<br>E129,2805         £123,212         £-<br>E129,2805         £127,738         £-<br>E129,2805         £127,738         £-<br>E129,2805         £13,212         £-<br>E129,212         £-<br>E129,212         £-<br>E129,212         £-<br>E129,212         £-<br>E128,212         £7,611         £-<br>E129,7305         £5,168         £127,738         £-<br>E129,7305         £13,212         £-<br>E129,7305         £13,212         £- | DRECKS   101AL CONVENIENCE-30003         Difference         Differenc <td>PROPOSE         Difference         Minimum Scenario         <t< td=""><td>Processi for AL Convenies Construction of Call Section Construction of Call Section Construction Constructing Construction Construction Construction Construction Co</td></t<></td> | PROPOSE         Difference         Minimum Scenario         Minimum Scenario <t< td=""><td>Processi for AL Convenies Construction of Call Section Construction of Call Section Construction Constructing Construction Construction Construction Construction Co</td></t<> | Processi for AL Convenies Construction of Call Section Construction of Call Section Construction Constructing Construction Construction Construction Construction Co |

#### Notes to Appendix 15

Column (1) is the product of columns (25) and (28) of Appendix 2.

Column (2) is the product of columns (24) and (28) of Appendix 2.

Column (3) is the sum of columns (1) and (2).

Column (4) is calculated from the 'Cofferidge Close' column of Appendix 11 applied to column (1) of this table. Column (5) is calculated from the 'Cofferidge Close' column of Appendix 14 applied to column (2) of this table.

Column (6) is the sum of columns (4) and (5).

Column (7) is calculated from the 'Cofferidge Close' column of Appendix 12 applied to column (1) of this table. Column (8) is calculated from the 'Cofferidge Close' column of Appendix 14 applied to column (2) of this table. Column (9) is the sum of columns (7) and (8).

Column (10) is calculated from the 'Cofferidge Close' column of Appendix 13 applied to column (1) of this table. Column (11) is calculated from the 'Cofferidge Close' column of Appendix 14 applied to column (2) of this table. Column (12) is the sum of columns (10) and (11).

Column (13) expresses column (6) as a percentage of column (3).

Column (14) expresses column (9) as a percentage of column (3).

Column (15) expresses column (12) as a percentage of column (3).