

**MASTER**

**Improving livability through densification**

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An aerial, isometric view of a city grid. The buildings are represented as 3D rectangular blocks of varying heights and widths, arranged in a regular pattern. In the lower center, a taller, more prominent building stands out. The ground is filled with numerous small, dark circular shapes representing trees. The entire scene is rendered in a monochromatic, reddish-brown color scheme.

# **IMPROVING LIVABILITY THROUGH DENSIFICATION**

**S.M.J. Aernouts**



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# ABSTRACT

As the population within cities is growing, the need for houses within the city becomes larger. This makes the densification of our cities necessary, however, the cities should also be pleasant environments to live in. Therefore, the livability of our cities is extremely important. However, densification could decrease the livability within our cities, therefore, this research aims to find an answer to how cities could be densified, while the livability could be increased.

Therefore this research defines the concepts of livability and densification, and how they could possibly influence each other, as well as how livability could be measured. Furthermore, this research uses the city of Eindhoven located in the Netherlands as a case study. The city of Eindhoven is spatially analyzed according to its livability and its densification potential, these two analyses are combined to establish an intervention area with a low livability and a high densification potential.

For this intervention area of 8 neighborhoods, a strategy has been made, to improve livability on a larger scale. Though livability also plays a major role on smaller scales, therefore, 2 neighborhoods have been chosen for neighborhood design. Moreover, within this neighborhood design, several building block typologies have been used to increase livability on all scales.

Though, as livability is place-based, the design interventions of this research cannot be implemented directly at other locations. However, it can be used as a guideline on how livable densification could be created. This can be achieved by creating diversity within building blocks and housing typologies, a safe and diverse programmed public space, good and plenty of accessible greenery, and improved infrastructure for active modes of transport.

A livable city is a people-orientated city, that fulfills the needs and wishes of its inhabitants, caters to multiple lifestyles, and is therefore diverse in housing typologies and public space.

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# INDEX

<b>1. Introduction</b>	<b>8</b>
<b>2. Methodology</b>	<b>10</b>
<b>3. Definitions</b>	<b>12</b>
3.1 Livability	12
3.2 Densification	13
3.3 The influence of densification on livability	14
<b>4. Livability and densification in Eindhoven</b>	<b>17</b>
4.1 Livability in Eindhoven	17
4.1.1 The scoring system	17
4.1.2 Livability in Eindhoven	18
4.2 Comparison to Leefbarometer	20
4.3 Densification potential of Eindhoven	22
4.4 Intervention Area	25
<b>5. District level</b>	<b>26</b>
5.1 The district	26
5.2 Green structure	28
5.3 Infrastructure	31
5.4 Densification	35
5.5 Strategy	40
<b>6. Neighborhood level</b>	<b>42</b>
6.1 Current situation	42
6.2 Concepts	44
6.3 The Design	46
<b>7. Building block level</b>	<b>50</b>
7.1 Park front typology	50
7.2 Enclosed block typology	53
7.3 Tower in the park typology	56
<b>8. Conclusion</b>	<b>59</b>
<b>9. References</b>	<b>60</b>
<b>Appendix A</b>	<b>63</b>

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# LIST OF FIGURES

- Image 1: Livability in the Netherlands divided into cardinal points.  
Image 2: Livability in the Netherlands divided by city population.  
Image 3: The Methodology.  
Image 4: The categorization of livability.  
Image 5: Same densities with different building typologies.  
Image 6: Overview scoring system livability.  
Image 7: Score category housing.  
Image 8: Score category safety.  
Image 9: Score category physical space.  
Image 10: Score category people.  
Image 11: Score category services.  
Image 12: Livability in Eindhoven according to the scoring system of this research.  
Image 13: Livability in Eindhoven according to the Leefbarometer.  
Image 14: Densification strategy of the municipality of Eindhoven.  
Image 15: Public transit system of Eindhoven.  
Image 16: 15 minute walking radius (1.200m) around public transit nodes.  
Image 17: New densification potential.  
Image 18: The livability in Eindhoven according to the Leefbarometer.  
Image 19: New Densification potential.  
Image 20: Area for intervention.  
Image 21: Base map district level.  
Image 22: Green structure of Eindhoven.  
Image 23: Zoom in on district level, district enclosed by greenery.  
Image 24: Green structure strategy district level.  
Image 25: Primary city infrastructure of Eindhoven.  
Image 26: Primary infrastructure as barriers for accessibility to services.  
Image 27: Locations where barriers can be crossed by active modes of transport.  
Image 28: Lengthening the crossovers, creates a network for active modes of transport.  
Image 29: Existing building stock.  
Image 30: Building stock owned by housing corporations and built before 1990.  
Image 31: 15 minute walking radius from public transport nodes.  
Image 32: Possible locations for densification and their densification potential.  
Image 33: District strategy.  
Image 34: Arial view of Limbeek Noord and Limbeek Zuid.  
Image 35: Corner of blind walls (Limbeek Noord).  
Image 36: Blind walls and garages (Limbeek Zuid).  
Image 37: Closed building facades (Limbeek Noord).  
Image 38: Graffiti on blind walls (Limbeek Noord).  
Image 39: Lack of maintenance (Limbeek Noord).  
Image 40: Lack of maintenance in courtyards (Limbeek Noord).  
Image 41: A lot of parking in the public space (Limbeek Zuid).  
Image 42: Parking within the park (Limbeek Zuid).  
Image 43: Concept expansion of the park.

- 
- Image 44: Concept framing the park.  
Image 45: Concept green city cycling route.  
Image 46: Concept east-west connections.  
Image 47: Plan of the design interventions.  
Image 48: Programm of the public space, and improvement of walkability.  
Image 49: Locations of the three typologies.  
Image 50: Park front typology: current building block.  
Image 51: Park front typology: demolition of smaller block.  
Image 52: Park front typology: new infrastructure to improve walkability.  
Image 53: Park front typology: addition of park front building block.  
Image 54: Park front typology: half sunken parking garage and entrance.  
Image 55: Park front typology: private spaces.  
Image 56: Park front typology: routing within the block.  
Image 57: Park front typology: public space design.  
Image 58: Section of the current situation, with on the south side the park.  
Image 59: Section of the park front typology, with notes on important livability elements.  
Image 60: Comparison current situation and the park front typology.  
Image 61: Enclosed block typology: current building block.  
Image 62: Enclosed block typology: demolition of building block.  
Image 63: Enclosed block typology: new infrastructure for better walkability.  
Image 64: Enclosed block typology: new building block.  
Image 65: Enclosed block typology: half sunken parking garage and entrance.  
Image 66: Enclosed block typology: private spaces and the private courtyard.  
Image 67: Enclosed block typology: routing within the block.  
Image 68: Enclosed block typology: public space design.  
Image 69: Section of the current enclosed building block.  
Image 70: Section of the enclosed block typology, with notes on important livability elements.  
Image 71: Comparison current situation and enclosed block typology.  
Image 72: Tower in the park typology: current building block.  
Image 73: Tower in the park typology: demolition of the whole building block.  
Image 74: Tower in the park typology: the expansion of the park.  
Image 75: Tower in the park typology: the ground floor (public function).  
Image 76: Tower in the park typology: dwellings on top of the ground floor.  
Image 77: Tower in the park typology: setbacks for green terraces.  
Image 78: Tower in the park typology: parking garage underneath the building.  
Image 79: Tower in the park typology: routing and design of the park.  
Image 80: Section of the current building block.  
Image 81: Section of the tower in the park typology, with notes on important livability elements.  
Image 82: Comparison current situation and tower in the park typology.

Table 1: Top 10 most livable cities according to three global livability indexes.



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# 1. INTRODUCTION

Everywhere in the world, cities are growing and countries become more urbanized. From only 3% of the world's population living in cities in 1800, it has now grown to approximately 55% and is expected to reach 68% by 2050 (United Nations Department of Economic and Social Affairs, 2018). Having grown dramatically in popularity over the last 200 years, the design styles of the last two centuries have profoundly influenced the city's appearance and functionality (Hajer & Versteeg, 2019). Modernism, in particular, had a huge impact on urban development in the previous century (Gehl, 2010; Sim, 2019). As a result, the city was designed as a machine, enhancing efficiency by separating functions (Hajer & Versteeg, 2019). Thereby, fewer considerations have been given to the lives of those living within the city (Schmidt & Nemeth, 2010).

Jane Jacobs already argued in 1969 that cities needed to become more people-oriented and livable (Gehl, 2010; Elsayy, Ayad, & Saadallah, 2010). In this sense, the city should nourish the physical and mental health of its inhabitants (Yassin, 2019; Okulicz-Kozaryn, 2011). While the arguments of Jane Jacobs received immersive support, the concept of livability eventually emerged in the 1980s and gained popularity due to the global livability indexes ranking the most livable cities of the world (Kovacs-Gyori, Caberra-Parona, Resch, Mehaffy, & Blaschke, 2019).

With rapid urbanization, and the increasing popularity of cities, densification is inevitable. However, current research suggests that densification could harm the livability of cities (Berghauser-Pont, Berg, Haupt, & Heyman, 2020), since less land is available for nature, and the urban quality could decrease through densification (Elsawy et al., 2010). Therefore, it becomes necessary to implement livability

in the design of our cities, as cities should have the main priority to create a desirable urban environment for their inhabitants (The World Bank, 2020). So, there can be stated that livability is an essential concept within urban planning and design (Kovacs-Gyori et al., 2019).

Though, there is not yet significant research done on the possible positive relationship between livability and densification (Mouratidis, 2019). Therefore, this research aims to answer the question: How can we increase livability by densifying the surrounding built environment? To answer this question, this research will elaborate on the definitions of livability and densification, as well as how they can influence each other. Thereafter, the city of Eindhoven will be examined according to its livability, and design interventions will be proposed on how to increase livability by densification at the district level, the neighborhood level, and the building block level.

## **Context of the research**

The concept of livability received significant popularity in global policies, such as in the Social Development Goals and the New Urban Agenda of the United Nations (Kovacs-Gyori et al., 2019; Kovacs-Gyori, et al., 2020). Though, global policies do not apply to all cities, as livability is location-specific (Ruth & Franklin, 2014), and needs to be tailored to the city or even to the neighborhood. So, the context of the location determines the current livability, as well as how it should be improved. Therefore, this research focuses on the Dutch city of Eindhoven.

Since 2002 the Dutch government awards more attention to the need for livability, thereafter, the livability of the Netherlands

has slowly been increasing (Leidemeijer & Mandemakers, 2022). In Image 1 the increase of livability in the Netherlands can be seen divided into the cardinal points, while all of them increased, not all of them have the same livability. However, as can be seen in image 2, not only do the cardinal points differ in livability, but there is also a difference in livability regarding the city's population. From these two graphs, an assumption could be made that cities located in the south of the Netherlands, with a population of 150.000 to 250.000 inhabitants, would score the lowest regarding livability. As the city of Eindhoven is located in the south of the Netherlands and has approximately 236.000 inhabitants (Allecijfers.nl, 2022), it fits in the assumption mentioned above.

Moreover, the city of Eindhoven is attracting a significant amount of new inhabitants,

due to its economic prosperity (Gemeente Eindhoven, 2019). Therefore, the need for housing within the city is increasing, and in an agreement with the Dutch government, Eindhoven needs to build 35.000 to 40.000 new dwellings within its municipal borders before 2040 (Gemeente Eindhoven, 2020; Gemeente Eindhoven, 2020a). To execute this successfully, Eindhoven needs to densify (Gemeente Eindhoven, 2015).

Due to the necessary densification, Eindhoven has also the potential to create densification which is positive for the livability of the city. Therefore, Eindhoven suits this research. So, throughout this research, the city of Eindhoven will be used to explore the positive potential of densification on livability.



Image 1: Livability in the Netherlands, divided into cardinal points. Source: (Leidemeijer & Mandemakers, 2022)



Image 2: Livability in the Netherlands, divided by city population. Source: (Leidemeijer & Mandemakers, 2022)

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## 2. METHODOLOGY

To examine the current livability and densification potential of Eindhoven, it is important to use a mixed-method approach, consisting of literature research, case studies, policy analysis, and spatial analyses. These analyses will set the basis for design intervention in the district, the neighborhood, and at the building block level in which densification could be increased and livability improved. In image 3, the structure of the methodology can be found, and in the rest of this chapter, the different methods will be discussed and explained.

### **The Literature research**

The Literature forms the basis for this research, it provides the necessary information to define and stress the importance of livability. Therefore, it will define the concepts of livability and densification, which play a central role in this research. The research will be done with academic, and scientific literature, as well as with reports and books. Since livability is location-specific, the research will focus on literature from Europe, however, it will not exclude literature from other places.

### **Case studies**

In addition to the literature, several case studies will be conducted. These case studies will help to define livability spatially, in a statistical context. These case studies are used to gain information for the measurement of livability, in which two sets of case studies have been used: the global livability indexes, and the Gouden Buurten. The first set consists of three global livability indexes, which are compared to each other regarding their top 10 most livable cities. The second set of case studies consists of five Gouden Buurten of the Netherlands in 2020, which are the most livable neighborhoods of the Netherlands, nominated by the inhabitants themselves (Nextdoor Blog NL, 2020).

### **Policy Analysis**

The policy analysis aims to investigate in what way livability and densification are incorporated into policies, how they are defined, as well their potential. In this research method, the scope is set on municipal policies of Eindhoven, as well as national policies. These policies will be analyzed, and the main conclusions will be used in this research.

### **Spatial analysis and design**

From the information gathered from the literature, case studies, and policy analysis, a spatial analysis of the city of Eindhoven will be conducted. This analysis will define in which neighborhoods the livability needs to be improved, and therefore, which areas need interventions. As livability and densification can be incorporated into different scales, interventions will be done on the district level, neighborhood level, and building block level. This results in a strategy for the district level, a design for the neighborhood level, as well as a design for the building block level.

At the end of this research, a reflection will be conducted. This reflection will visualize if the proposed design interventions have improved livability and increased densification.

### **Limitations**

Livability is location-specific, as well as there is no all-encompassing definition of livability. Therefore, the definition of livability used within this research can be biased or incomplete. As this research is conducted from an urban designer's point of view and is conducted in the Netherlands, this could have influenced the definition of livability. Furthermore, this research is tailored to the city of Eindhoven, which makes it less applicable to other cities, even cities in the Netherlands.

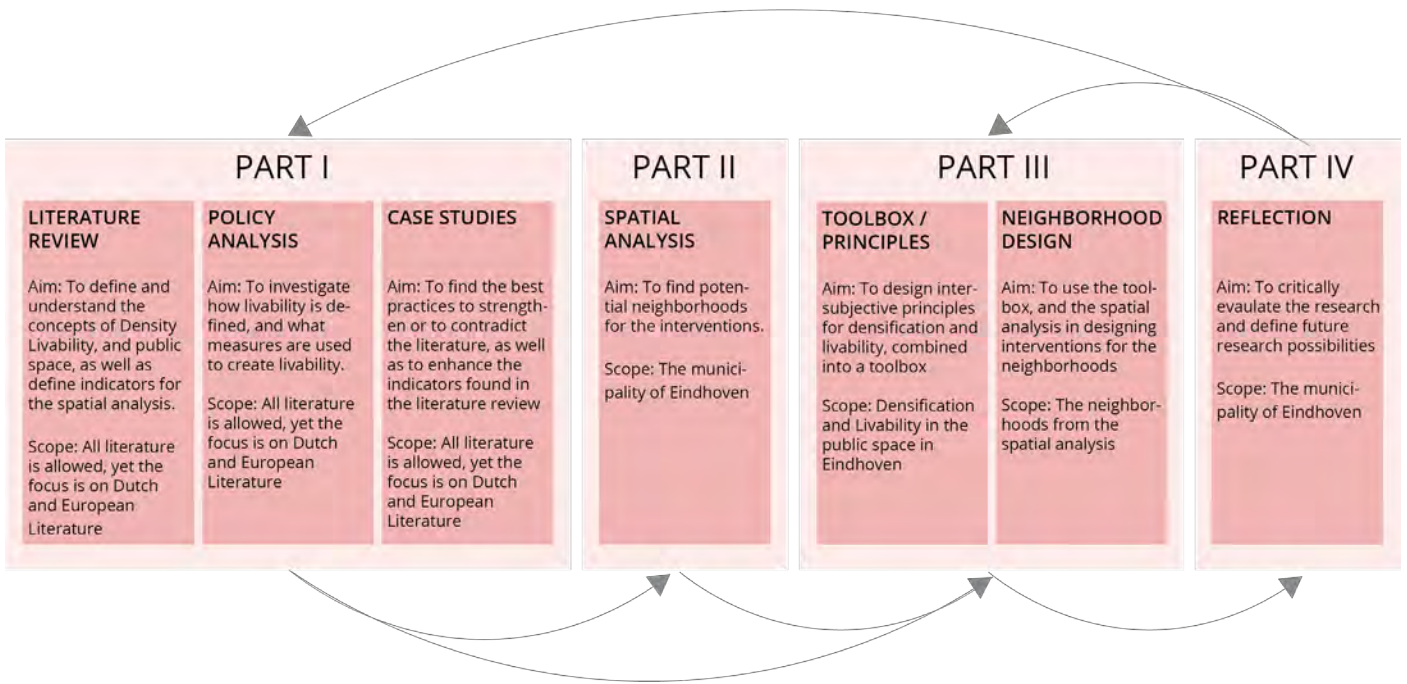


Image 3: The Methodology

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## 3. DEFINITIONS

In this chapter, the concepts of livability (paragraph 3.1) and densification (paragraph 3.2) will be explained, as well as how they could influence each other (paragraph 3.3).

### 3.1 Livability

Despite that livability can be considered an essential concept of urban design, there seems to be no general consensus on an all-encompassing definition of livability (Kovacs-Gyori et al., 2019). This is because livability is complex (Tan, Woo, Tan, Low, & Ling, 2012; Ruth & Franklin, 2014), as well as place-based (Ruth & Franklin, 2014; Tan et al., 2012; Kovacs-Gyori, et al., 2020; Parker & Simpson, 2018). However, researchers all agree that livability is about the quality of life in urban settlements (Yassin, 2019), and it is a way to describe and quantify social, economic, political, and environmental factors which contribute to daily life within cities (Parker & Simpson, 2018; Ruth & Franklin, 2014).

Nevertheless, livability is used to describe the citizens' relation to multiple factors, it can be divided into two main factors: the needs and wishes of people, and the physical and biological character of the city (Ruth & Franklin, 2014). This research will focus on the former of the two, as Berghauser Pont, et al. (2020) argues that the physical and biological character of the city is researched significantly more than the urban and social aspects of densification.

So, the concept of livability describes the quality of the person-environment relationship, and to what extent the built environment fulfills the needs and expectations of its inhabitants (Kovacs-Gyori et al., 2019). However, as everyone has different needs and wishes, creating a livable city for everyone becomes complex and subjective. Additionally, your

needs and wishes change throughout your lifetime, so livability should cater to multiple lifestyles, multiple needs, and wishes, and should therefore be diverse (Ruth & Franklin, 2014). This makes livability a constantly changing concept, and therefore hard to be defined exactly.

In literature, numerous factors are mentioned that are related to livability, for instance: economic prosperity, demographic situation, criminality, housing quality, services, infrastructure, mental and physical health, access to nature, politics, etc. These factors are mostly based on statistical data, such as income, WOZ-value, crime rates, etc., yet it is also important to look at the subjective factors, such as the happiness rate, and the satisfaction of people's health (Okulicz-Kozaryn, 2011). Therefore, to define the factors related to livability, a categorization has been made, which is visualized in image 4. This categorization is based on literature, as well as on the Dutch Leefbarometer 2.0 and 3.0 – which are used to define livability within the Netherlands.

As can be seen in image 4, livability is categorized into five main categories: housing, safety, physical space, people, and services, which have at their turn also subcategories, and some subcategories even have sub-subcategories. While there are numerous other factors contributing to the quality of life, the most mentioned factors are used in this categorization. However, the factor of politics is mentioned significantly within literature, yet not used within this categorization. This is due to the fact, that the Netherlands is stable regarding the political change (The Glocal Economy, 2022), and therefore politics will not have a significant effect on the livability of Eindhoven.

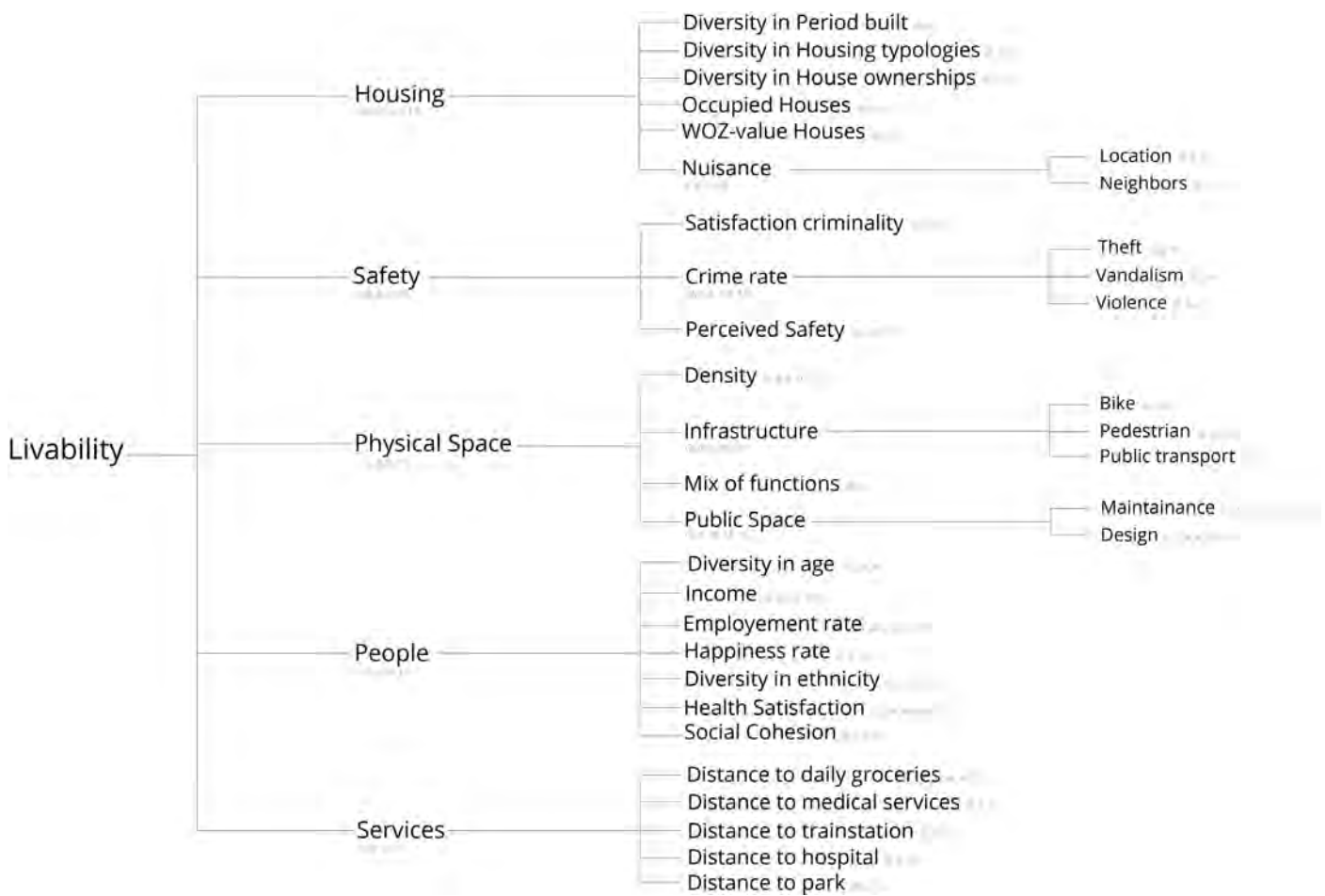


Image 4: Categorization of Livability. Sources: 1. (Ruth & Franklin, 2014). 2. (Kovacs-Gyori, et al., 2019). 3. (Parker & Simpson, 2018). 4. (Elsawy, Ayad & Saadallah, 2019). 5. (Mouratidis, 2019). 6. (Okulicz-Kozaryn, 2011). 7. (Tan, et al., 2012). 8. (Leijdelmeijer, et al. 2014). 9. (Mandemakers, et al., 2021). 10. (Leijdelmeijer & Mandemakers, 2022). 11. (Berghauser Pont, et al., 2020). 12. (Yassin, 2019). 13. (Gemeente Eindhoven, 2022).

Thus there can be concluded that livability is an essential concept of urban design, as it indicates the quality of life, and to which extent the city fulfills the needs and wishes of its inhabitants. However, this makes livability complex and subjective, as everyone's needs and wishes differ and can change over time. Therefore, livability is place-based and able to evolve. So a livable city should fulfill the needs and wishes of its inhabitants, yet should also be diverse.

### 3.2 Densification

Since the critique of modernistic sprawl and separation of functions started in the 1960s,

the concept of densification has been widely adopted by urban planners and designers (Berghauser-Pont & Haupt, 2021). At first, densification was used to regulate maximum building height and minimum street width, though this later evolved into a guide for new developments (Berghauser-Pont & Haupt, 2021).

Density is about how intensively an area is used, which indicates how many entities there are within a given area (Gorden, 2008; Sokido, 2016). Densification is therefore intensifying an area by adding more entities. While the definition of density is rather simple, the concept of density has many different

variations, for instance: Ground Space Index (GSI), Floor Space Index (FSI), Open Space Ratio (OSR), people per km<sup>2</sup>, people per hectare, dwellings per hectare, services per hectare, households per hectare, etc. All these densities are descriptive, as they describe the current situation of the built environment (Berghauser-Pont & Haupt, 2021). However, they can also be used as prescriptive densities, which denote a guideline for urban development (Berghauser-Pont & Haupt, 2021). Both descriptive- and prescriptive densities will be used throughout this research.

Furthermore, densification is not necessarily related to building types, as well as one building type can accommodate multiple densities (Berghauser-Pont & Haupt, 2021; Sim, 2019). Therefore, densification can be created by different building typologies in different assemblies as can be seen in image 5. These different assemblies have different influences on the surrounding urban fabric.

### 3.3 The influence of Densification on Livability

As can be seen in image 4 density influences livability as it is incorporated within the categorization of livability, however, by intensifying the density, it will also affect other factors within livability. Therefore, the

influence of densification on these categories will be explained below, and can later be used as guiding principles for the design interventions on the district level, neighborhood level, and building block level.

#### 3.3.1 Densification and housing

With the densification of Eindhoven, a significant amount of new dwellings needs to be built, to accommodate the growing population. With the addition of these dwellings, the ratio between the period built, housing typologies, and housing ownership can change, both positively, as well as negatively. Therefore, it is important to prevent homogeneous neighborhoods, and ensure that there is a certain amount of diversity. Furthermore, if densification happens at suitable locations, the percentage of occupied houses can increase, as well as the WOZ-value of these dwellings (Elsawy et al., 2010; Berghauser-Pont & Haupt, 2021).

Though, through densification the number of people living in the area increases, thereby, the nuisance is most likely to increase as well. People experience more nuisance from their neighbors, as well as from the location where they are living (Dam, Groot, & Crommentuijn, 2010; Mouratidis, 2019; Berghauser-Pont & Haupt, 2021). Therefore, densification seems to have a positive influence on nuisance, and indirectly a negative influence on livability.



Image 5: Same densities with different building typologies. Source: (Berghauser Pont, et al. 2020), modified by the author.

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### 3.3.2 Densification and safety

The relation between density and safety seems to be negative, as the population density increases also criminality increases (Berghauser-Pont & Haupt, 2021). This is mostly due to the increase in vandalism and violence (Dam et al., 2010). Furthermore, the fear of crime is also more present in dense areas compared to rural areas (Mouratidis, 2019), therefore, safety is important within dense urban environments (Sim, 2019).

According to Gehl (2010), walking through a lively area would feel safer, though he also argues that the number of people is not an indicator of the liveliness of a space. Therefore, crime prevention should be enhanced through the use of public space and the building block design (Gehl, 2010; Sokido, 2016). This could be achieved by programmed public space, as well as building blocks facing the street, having entrances at multiple sides of the building, not exceeding 5 stories for social control, and being diverse in its appearance (Sim, 2019; Gehl, 2010). Therefore, if not executed well, densification influences safety negatively. However, if densification is executed successfully, diminishing crime can promote well-being and safety within dense urban areas (Mouratidis, 2019).

### 3.3.3 Densification and physical space

As density is a subcategory within this category, density influences it significantly. Yet density also influences the infrastructure, the mix of functions, and the public space. As areas become denser, public transport, cycling, and walking become more attractive and more used modes of transport (Berghauser-Pont et al., 2020). Moreover, the use of more active modes of transport increases the livability, and well-being of people (Yassin, 2019; Sim, 2019). Additionally, densification increases the need for a multitude of functions, which boosts the mix of functions. And with more functions nearby, people will use more active

modes of transport (Gorden, 2008).

Lastly, with the increase in density, public space becomes more important as more people make use of the public space (Gehl, 2010). Therefore, the design and maintenance of the public should receive more attention, as it could increase or decrease livability significantly.

### 3.3.4 Densification and people

Density does not have a direct relationship with the demographic situation of the inhabitants, however, it could have a negative influence on the well-being of people (Berghauser-Pont et al., 2020), Especially on their psychological well-being, as dense areas can create the feeling of overcrowding, which can create stress (Mouratidis, 2019). Thereby, densification can have a negative influence on the relationship with the happiness rate, as well as with health satisfaction.

As densification can have numerous forms, some forms have a significant influence on the social cohesion of the neighborhood. Gehl (2010) argues that after the fifth floor, the connection with the street is lost, and social cohesion will decrease. Therefore, by densifying the city with towers, social cohesion can become low.

Yet densification can also positively influence the relationship with the category of people, as densification is associated with economic prosperity, it can increase the income of a neighborhood, as well as increase the employment rate (Okulicz-Kozaryn, 2011; Berghauser-Pont et al., 2020).

### 3.3.5 Densification and services

With the densification of the built environment, more people are added to that area, which results in more people needing services. Therefore, the distance to services is generally smaller in dense urban areas (Mouratidis,



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2019). This means that the categories of distance to daily groceries, and distance to medical services can become smaller, and positively influence livability. Yet, the distances to the hospital, train station, and the park are most likely not to change, as these are mostly situated centrally or at the edges of the city. However, the distance to a park can be diminished by adding pocket parks or rooftop parks into the urban fabric (Parker & Simpson, 2018).

# 4. LIVABILITY AND DENSIFICATION IN EINDHOVEN

In the previous chapters, the concepts of densification and livability have been defined, as well as the choice for the city of Eindhoven. In this chapter, livability and densification will be mapped onto the city of Eindhoven, to find areas where Eindhoven could improve its livability, as well as increase its densification.

## 4.1 Livability in Eindhoven

In image 4 in paragraph 3.1, the categorization of livability can be seen, though, this categorization does not score livability in itself. Therefore, a separate scoring system has been created. This scoring system is quite complicated and elaborate, therefore, the details and data used for this scoring system

can be found in appendix A. This paragraph only explains the establishment of the scoring system briefly, and will mainly show the results of the spatial analysis of Eindhoven regarding its livability.

### 4.1.1 The scoring system

As can be seen in image 6 the scoring system has the same layout as the categorization visualized in image 4, however, all categories are converted into maximum scores, which can be multiplied by a certain factor to calculate the livability. The final score is a number between 0 and 100, and indicates the livability of that neighborhood, the higher the number, the more livable the neighborhood will be. The scoring system is partially derived

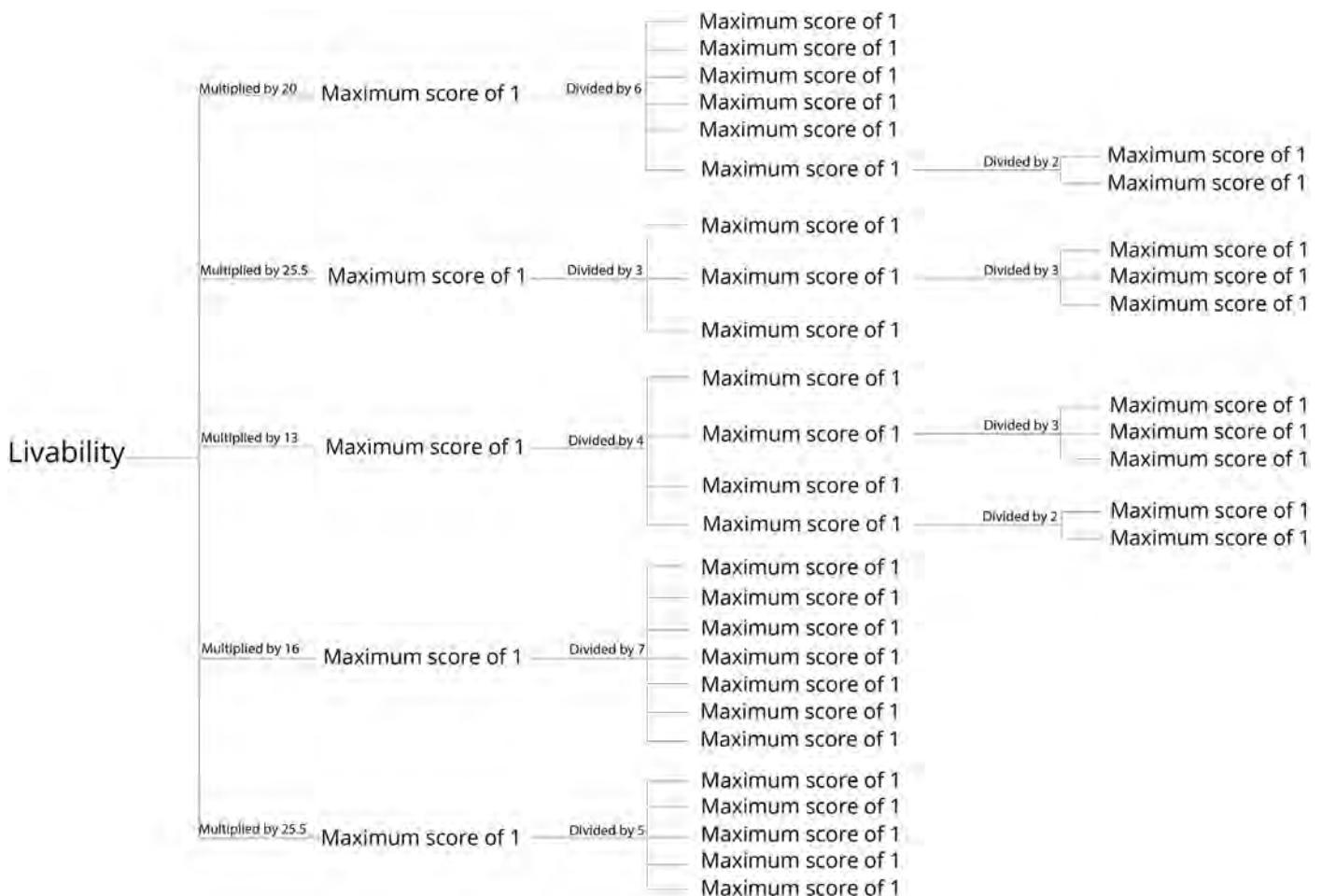


Image 6: Overview scoring system livability

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from the Leefbarometer 2.0 and 3.0 (RIGO & Atlas voor Gemeenten, 2008; Atlas Research, 2021), as well as from the municipals livability index (BuurtKijker, 2021).

While livability has a maximum score of 100, all categories, subcategories, and sub-subcategories have a maximum score of 1. This ensures that all the categories, subcategories, and sub-subcategories can be compared independently, and can be used as guidelines for interventions.

However, not all data can directly be transformed into a score between 0 and 1, therefore, the data needs to be analyzed, and examined by certain thresholds, before it can transform into a score between 0 and 1. To transform this data, six different methods have been used: a percentage method, a grading method, a binary method, a gradient method, a range method, and a multi-criteria method, these methods, together with their thresholds, and calculations, are explained in appendix A.

With these calculation methods, the concept of livability can be measured and calculated for the city of Eindhoven, which is visualized in the next paragraph. Lastly, the author wants to stress that the used thresholds are not fixed and that changing these thresholds, will change the outcome of the livability score.

#### **4.1.2 Livability in Eindhoven**

With the gathered data and the measuring method of livability, all ((sub-)sub)categories can be analyzed and visualized regarding their relationship to livability. On page 19 the visualization of the five categories: housing, safety, physical space, people, and services can be seen, and the outcomes of the other categories can be found in appendix A.

##### **Category housing**

In image 7 the score of housing can be seen.

From this map, there can be assumed that Eindhoven is doing quite well regarding housing, with an average score of 0.67 (from 0 to 1). Except for some edges and some central neighborhoods. These neighborhoods generally score low due to homogenization, the lack of diversity within housing typologies and ownership, as well as their low WOZ-value. This is mainly because these neighborhoods have a significant building stock owned by housing corporations, and built by the standards of previous periods.

##### **Category safety**

The city of Eindhoven has an average of 0.73 on safety, which is quite good. Though, as can be seen in Image 8 there are two clusters of unsafe neighborhoods, namely southwest, and central to the north/northwest. This is mostly due to the experience of lower perceived safety and the satisfaction about criminality.

##### **Category physical space**

While Housing and safety are relatively well in Eindhoven, the physical space of Eindhoven is not (an average of 0.55). In image 9 there can be seen that the edges of Eindhoven score low, as well as the northwest side within the ring of Eindhoven. The low scores of these neighborhoods are generally due to the public space design and maintenance, as well as to the monofunctionality of these neighborhoods. Furthermore, the neighborhoods at the edges score generally lower on infrastructure compared to the central neighborhoods, as the inhabitants of the centrally located neighborhoods' active modes of transport are better organized, as well as better accessibility to public transport.

##### **Category people**

In the category of people, the city of Eindhoven scores well (0.82 on average), yet there are only two areas in the north of Eindhoven that score less (image 10), this is mainly due to

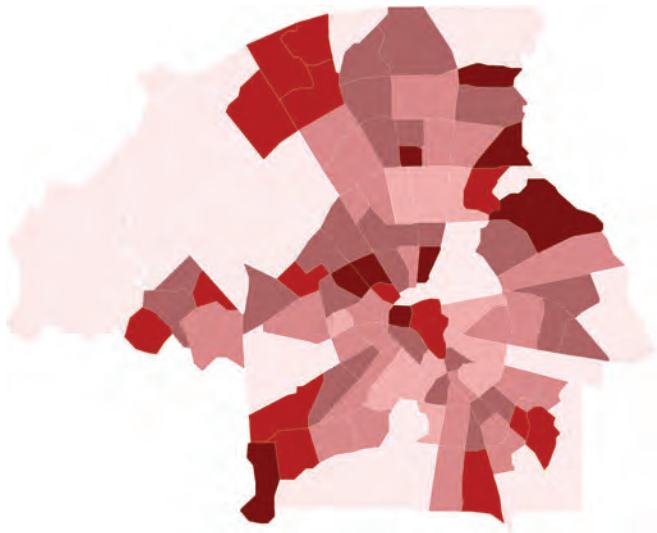


Image 7: Score category housing

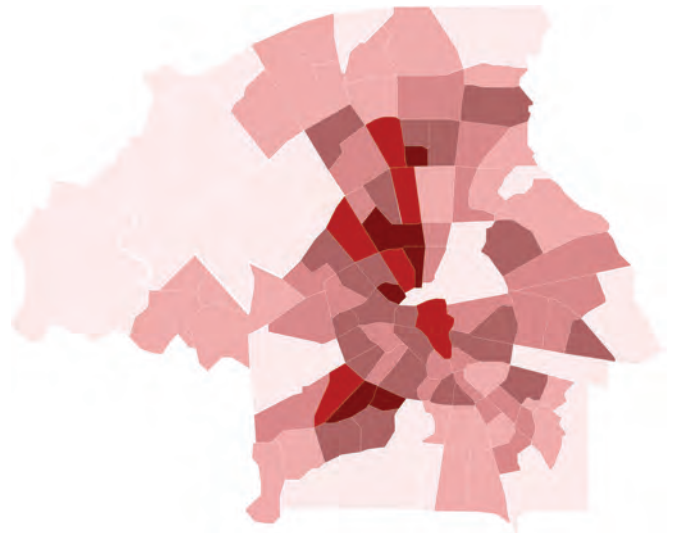


Image 8: Score category safety



Image 9: Score category physical space

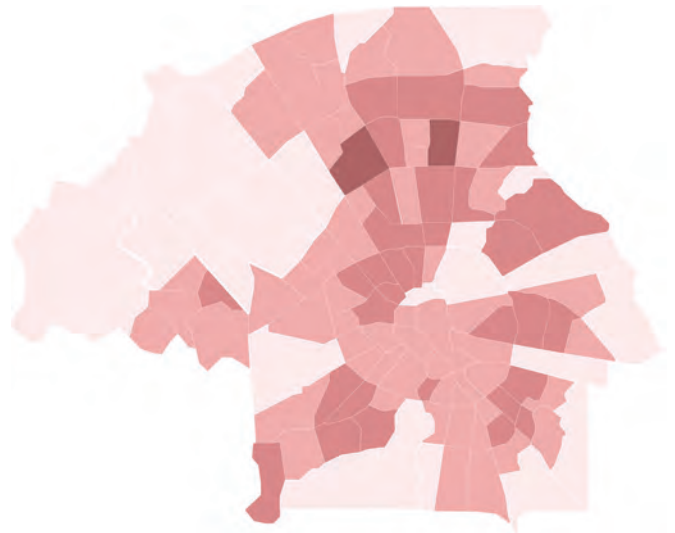
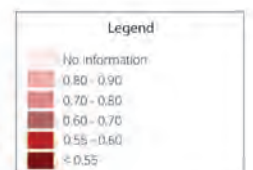


Image 10: Score category people



Image 11: Score category services



their health satisfaction, low income, and the lack of social cohesion.

### Category services

In image 11 the services category can be seen, in which the edges score lower than the center of the city. This is because Eindhoven is a mono-centric city, with almost all functions located in the center of the city. Therefore, the neighborhoods at the edges of the city will automatically score lower, however, on average, the city of Eindhoven scores 0.61.

### Livability score

From the map of the livability calculation (image 12), there could be concluded that the city of Eindhoven is doing quite well with an average score of 68 out of 100, with most neighborhoods scoring 60 to 70 out of 100. However, only three neighborhoods in Eindhoven score less than 60 points: Heesterakker (northeast), Genderdal (southwest), and Tivoli (southeast) all score 58 points. Overall these three neighborhoods score low in the categories of services (respectively: 0.46, 0.50, 0.53) and physical space (respectively: 0.35, 0.45, 0.40).

## 4.2 Comparison to Leefbarometer

As mentioned before, livability is subjective and very complex. Therefore, in this paragraph the livability calculation of this research is compared to the livability from the Leefbarometer 3.0, to compare the differences. In image 12 the livability calculation of this research can be found, and in image 13 the Leefbarometer 3.0 can be seen.

By comparing these images there can be concluded that they are not the same and that the Leefbarometer 3.0 indicates much more neighborhoods as less livable, especially in the central/northwest part of the city. Furthermore, the neighborhood

of Heesterakker seems to do it well in the Leefbarometer, compared to the livability calculation in this research. Though, the neighborhoods of Genderdal and Tivoli are also indicated as less livable neighborhoods in the Leefbarometer 3.0.

Despite, the that the two livability calculations differ significantly, it does not mean that neither one is right nor wrong. This can be proven by the case study of the global livability indexes, visualized in table 1. These three popular global livability indexes all have different outcomes on which city is the most livable. In total these three indexes contain 22 different cities, and only two cities (Auckland and Zurich) are mentioned in all three of them, however, at different places. This does not mean that neither of them is better, it only indicates that the priorities or reasons for establishment are different.

Therefore, both livability indexes will be used throughout this research. The leefbarometer will help to define where to intervene, and the livability score of this research will be used to determine in what category to intervene.

Table 1: Top 10 most livable cities according to three global livability indexes

	<b>EIU</b> (2021)	<b>Mercer</b> (2019)	<b>Monocle</b> (2021)
1	Auckland	Vienna	Copenhagen
2	Osaka	Zurich	Zurich
3	Adeleide	Vancouver	Helsinki
4	Wellington	Munich	Stockholm
5	Tokyo	Auckland	Tokyo
6	Perth	Dusseldorf	Vienna
7	Zurich	Frankfurt	Lisbon
8	Geneve	Copenhagen	Auckland
9	Melbourne	Geneve	Tapei
10	Brisbane	Basel	Sydney

Sources: (The Economist Intelligence Unit, 2021; Mercer, n.d.; Wonderful Copenhagen, 2021).

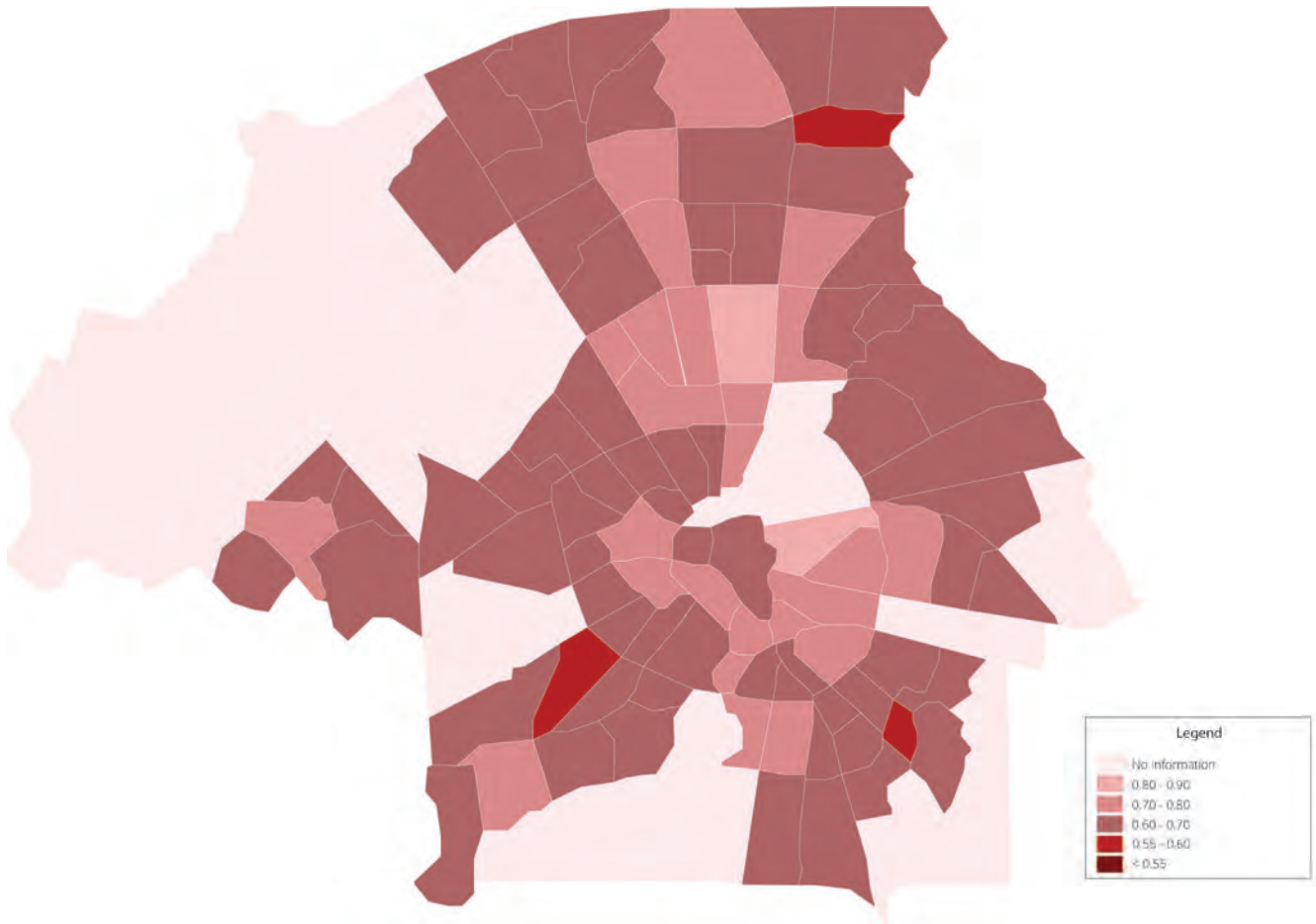


Image 12: Livability in Eindhoven according to the scoring system of this research

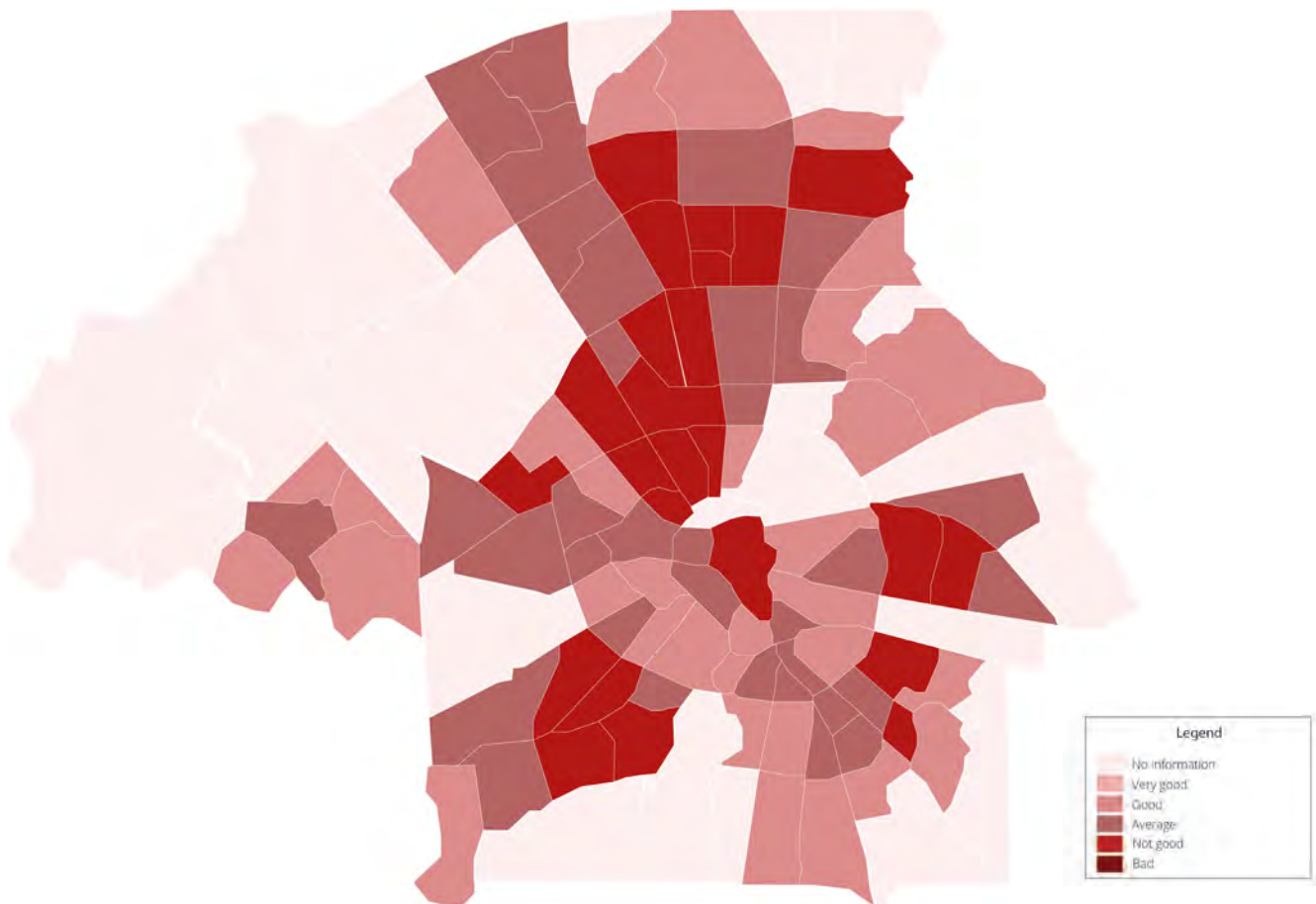


Image 13: Livability in Eindhoven according to the Leefbarometer. Source: (Atlas Research, 2021), modified by the author.

### 4.3 Densification potential of Eindhoven

With the ambition of Eindhoven to build 35.000 to 40.000 houses in the upcoming 20 years, the city needs to densify to achieve its goal (Gemeente Eindhoven, 2015; Gemeente Eindhoven, 2020a). By analyzing their densification plans - visualized in image 14, there can be concluded that their densification will largely take place within the ring of Eindhoven. However, this plan does not indicate their prioritization of densifying in

certain neighborhoods. Therefore, the author suggests adding an extra layer to the existing densification potential.

Transport and especially public transport are an important factor for potential densification, as they increase the accessibility of that location (Berghauser-Pont et al., 2020). By mapping the public transport system of Eindhoven (image 15), there can be seen that two public transport nodes are either at the edge (train station of Strijp-S) or outside of the ring of Eindhoven (bus station Winkelcentrum

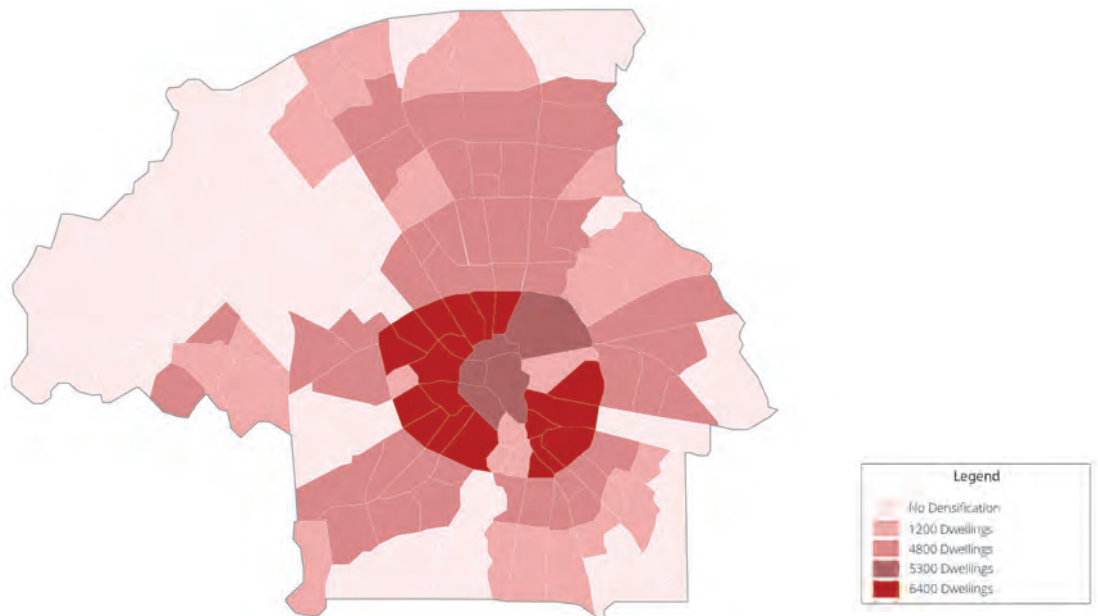


Image 14: Densification strategy of the Municipality of Eindhoven. Source: (Gemeente Eindhoven, 2020). modified by the author.



Image 15: Public transit system of Eindhoven. Source: (Hermes, 2023)

Woensel XL). Despite that the area around these nodes has a significant potential for densification, it does not seem to be included within the municipality's potential for densification (image 14). Therefore, these will be added to the new densification potential proposed by this research.

In image 15 the public transport nodes of Eindhoven can be seen, by portraying a 15 min walking radius (1200m) around these nodes - visualized in image 16 - there can

be seen that several neighborhoods in the northwest area of Eindhoven have a significant potential for densification as well, as their accessibility is very good to public transport. Therefore, these neighborhoods will increase in their potential, and the new densification potential is visualized in image 17. This new densification potential indicates which neighborhoods within the ring of Eindhoven, and on the outside of the ring of Eindhoven have the highest potential for densification.

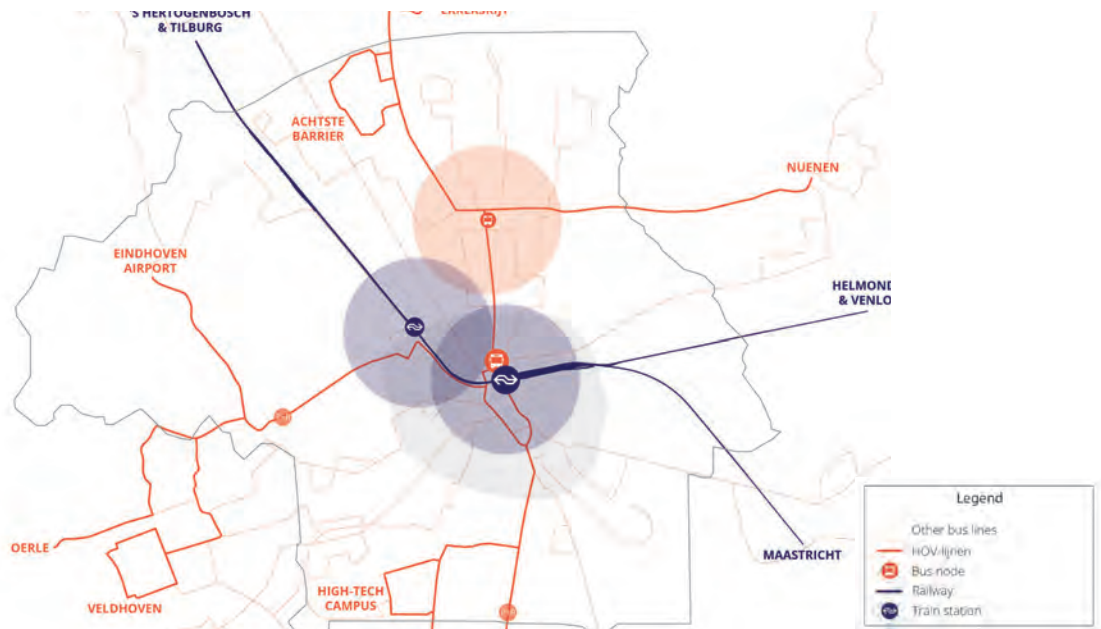


Image 16: 15 minute walking radius (1200 m) around public transport nodes.

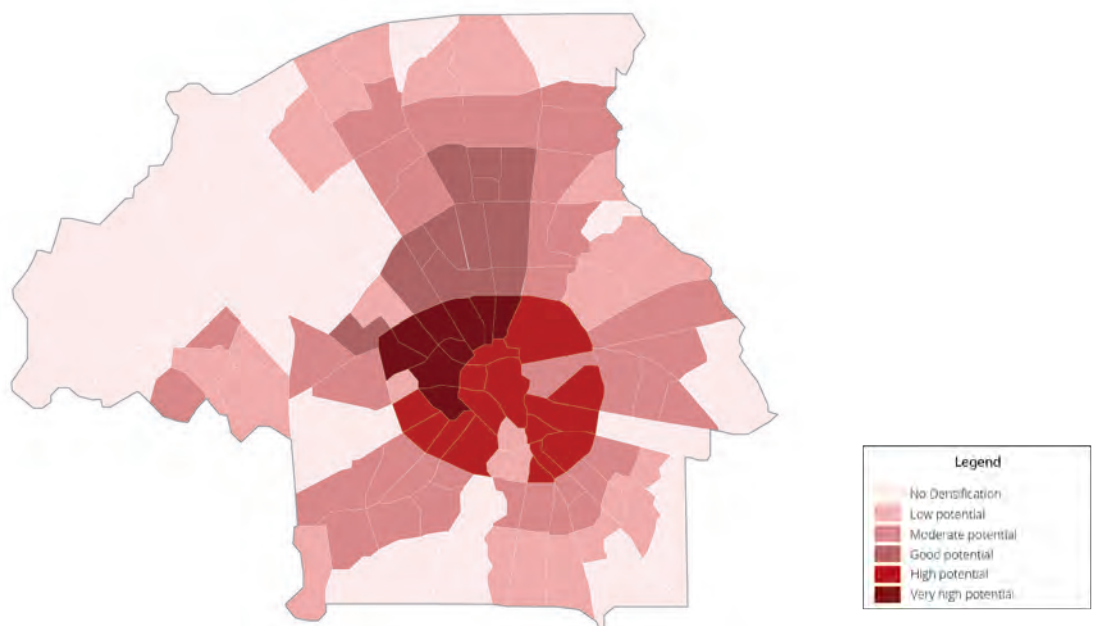


Image 17: New densification potential



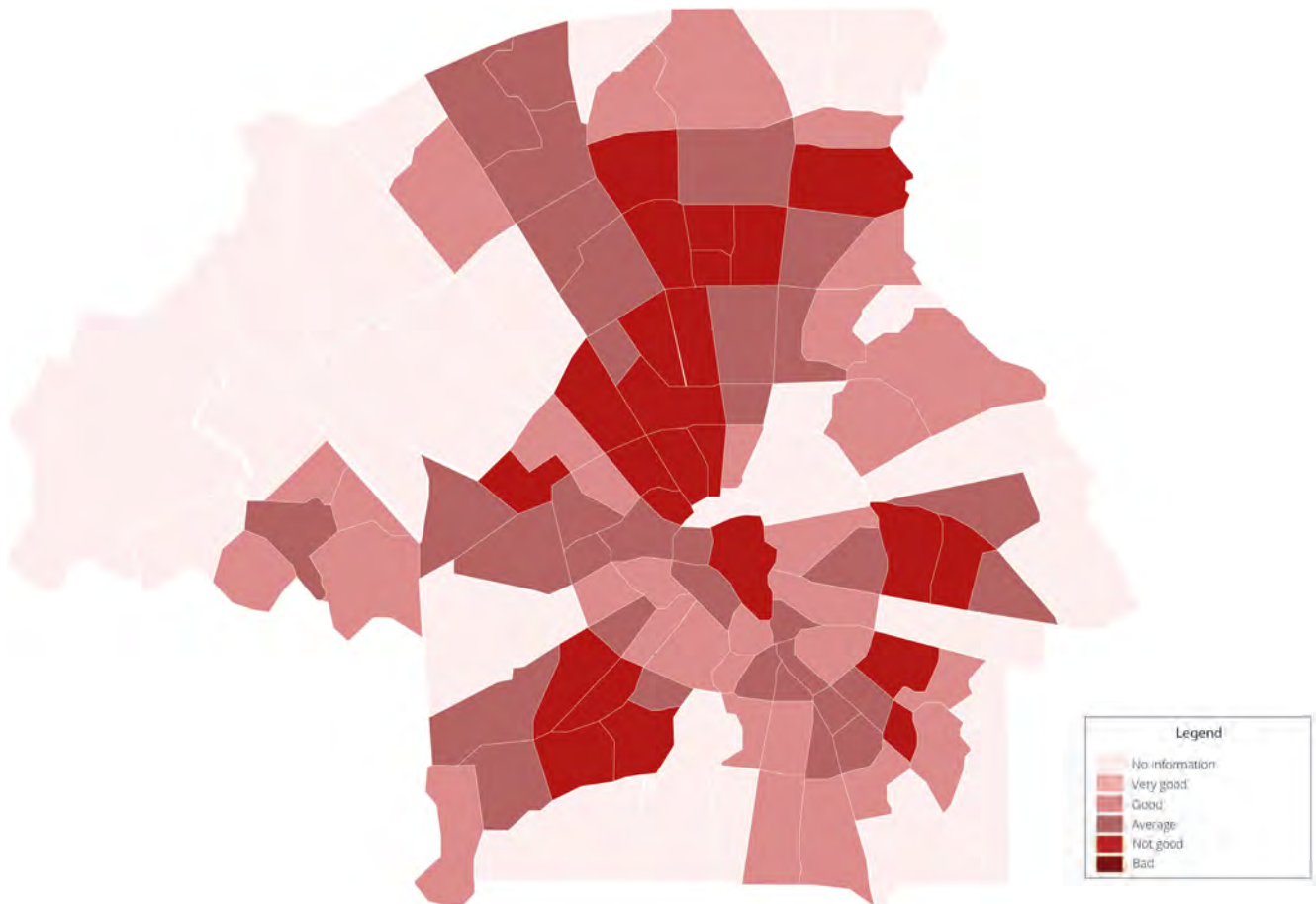


Image 18: Livability in Eindhoven according to the Leefbarometer 3.0. Source: (Atlas Research, 2021), modified by the author.

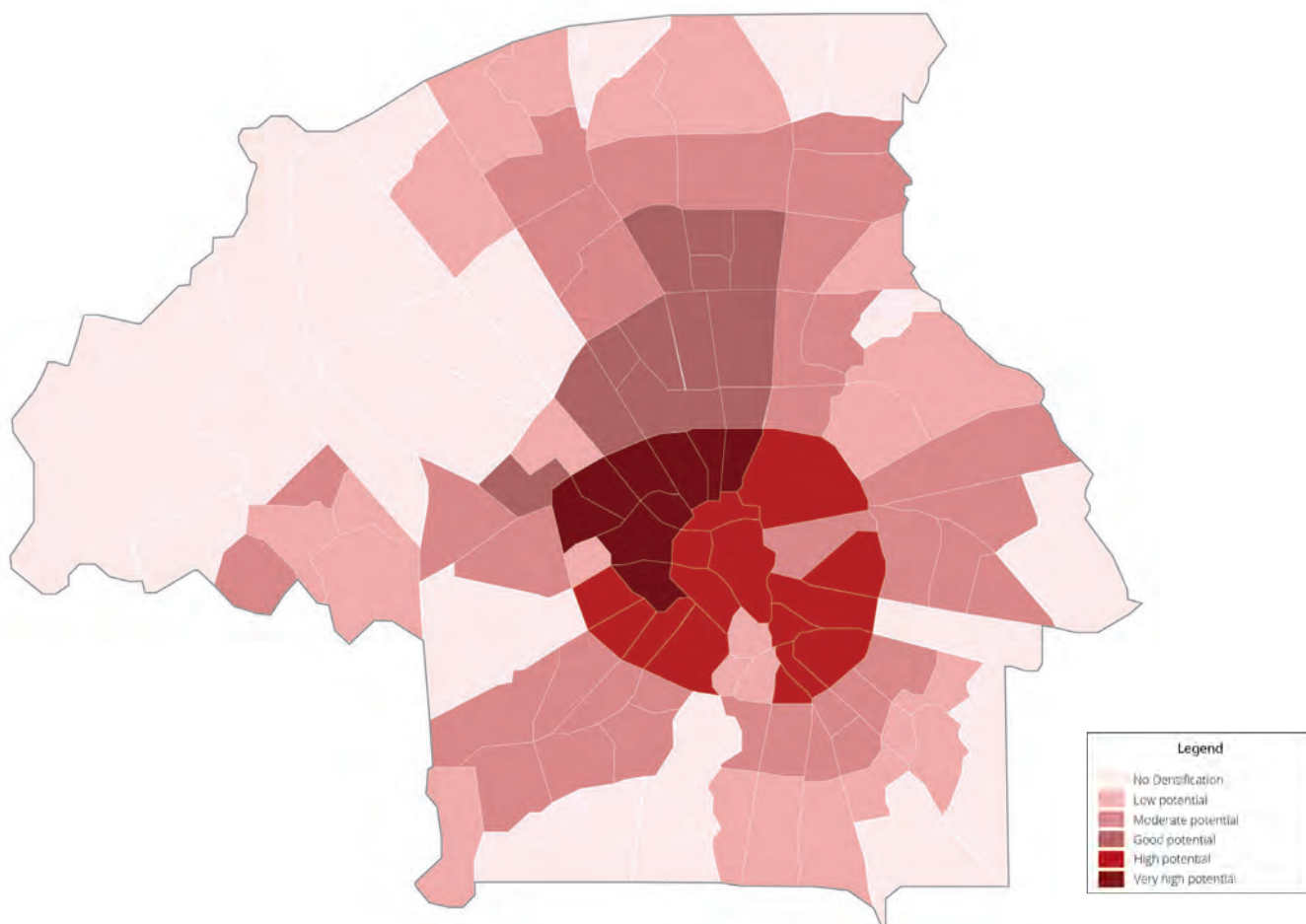


Image 19: New densification potential

## 4.4 Intervention Area

With the spatial analysis of Eindhoven on its livability and its densification potential, an area can be determined for intervention. In image 18 and 19 the livability of Eindhoven and the potential densification are shown next to each other, to be able to compare them. In this case, there is chosen to use the livability index of the Leefbarometer 3.0, as it indicates

more neighborhoods in which interventions are needed.

By comparing them, there can be seen that a cluster northwest within the ring of Eindhoven, and northwest outside of the ring, needs improvement regarding livability, however, has also a significant densification potential. Therefore, this cluster visualized in image 20, has been chosen for intervention.

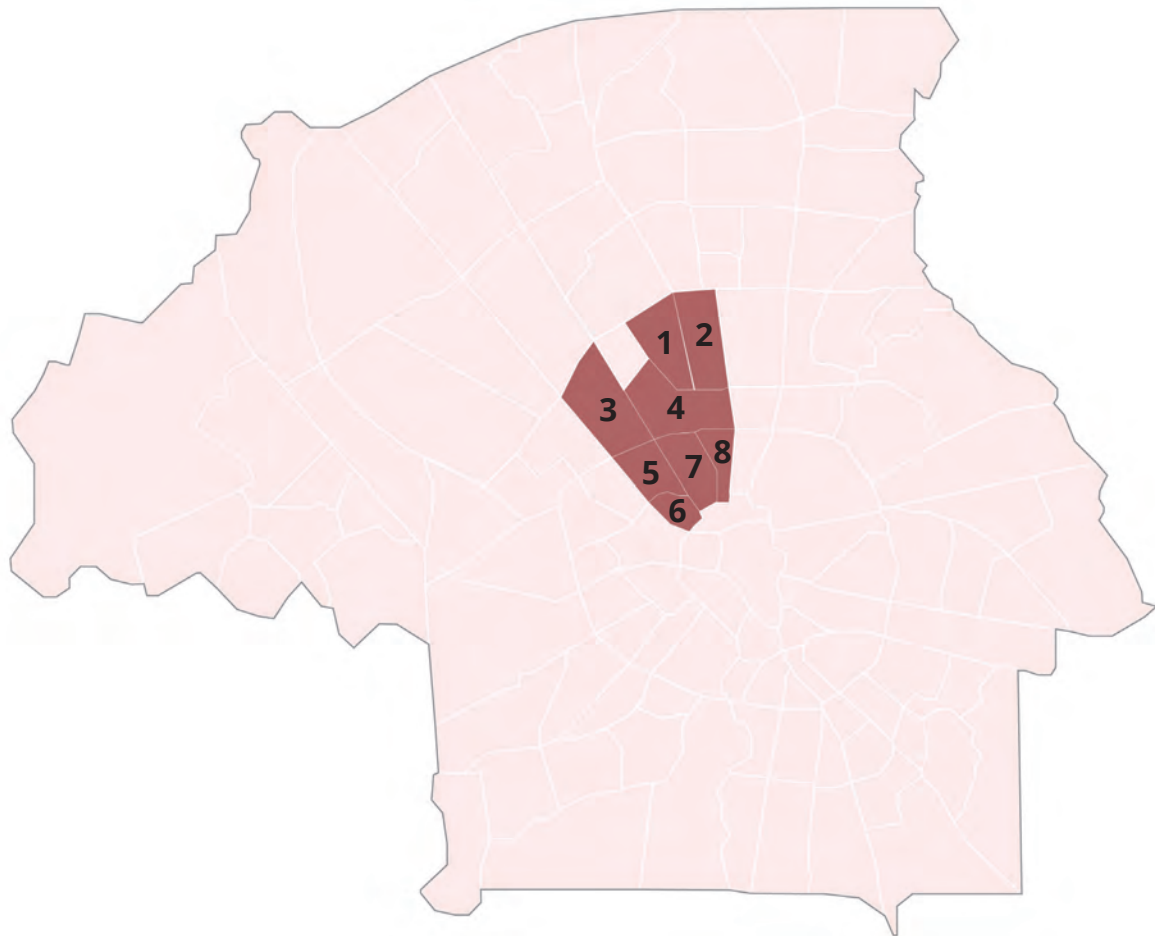


Image 20: Area for Intervention: 1 Mensfort, 2 Rapenland, 3 Woensel-West, 4 Kronehoef, 5 Limbeek Noord, 6 Limbeek Zuid, 7 Helemelrijken and 8 Gildebuurt

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## 5. DISTRICT LEVEL

In chapter 4.4 the district for intervention has been determined. In this chapter, the district will be analyzed, and a strategy will be presented on how to improve livability on the district level. Paragraph 5.1 will provide some very basic context to the location, however, a detailed analysis will be provided in paragraphs 5.2 until 5.5.

### 5.1 The district

In image 20 the intervention cluster can be seen and is located northwest of the city center. The neighborhood consists of eight neighborhoods, of which four neighborhoods are located outwards of the ring of Eindhoven: Mensfort (1), Rapenland (2), Woensel-West (3), Kronehoef (4), and four neighborhoods are located within the ring of Eindhoven: Limbeek Noord (5), Limbeek-Zuid (6), Hemelrijken (7), and Gildebuurt (8).

While this cluster of neighborhoods has a significant potential for densification (image 19), no large densification plans are happening within the district. Yet on the edges of the cluster, significant densification is happening, as indicated in image 21. Especially the densification and redevelopment of Strijp-S, and the Internationale Knoop XL are important for this cluster.

Despite that the livability of this district needs to be improved, not all categories of livability establish themselves on the city scale, and district scale. Only the green structure, the infrastructure, and densification can be analyzed, and significantly improved on this scale level. Therefore, the strategy (paragraph 5.5) presented at the end of this chapter consists of improvements on these three topics: green structure (5.2), infrastructure (5.3), and densification (5.4).

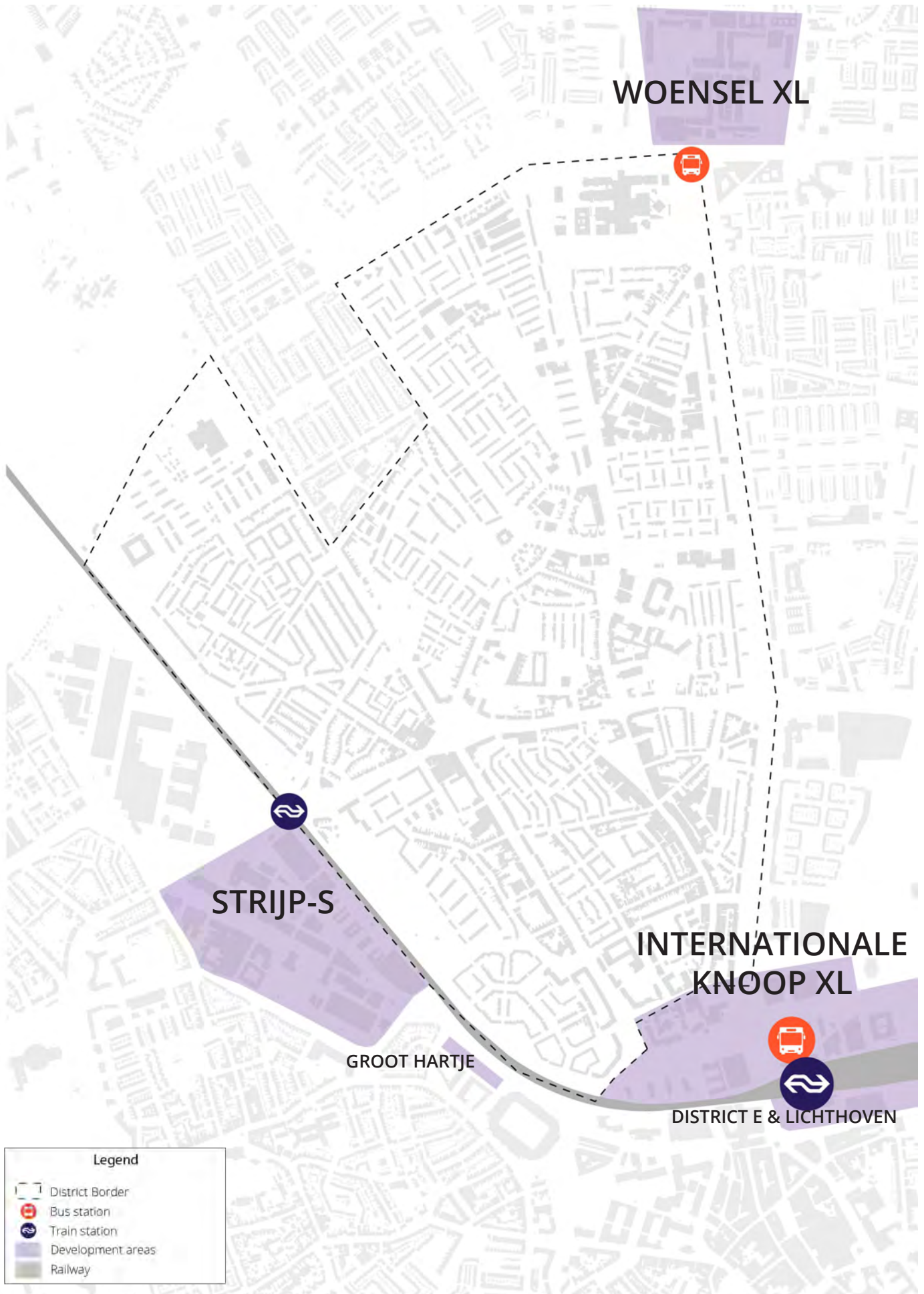


Image 21: Base Map District Level

## 5.2 Green structure

The biggest strength of this cluster is that it is enclosed by greenery, which can help to improve livability significantly. As humans have an inbuilt affinity to nature, nature helps to reduce stress (Parker & Simpson, 2018). Furthermore, well-accessible greenery decreases the Distance to a Park, as well as it improves the mental and physical health of people, thereby Health Satisfaction. Furthermore, healthy people are happier (Mims, 2012; Gerstenbluth & Rossi, 2013), which increases the Happiness Rate. Therefore, to improve livability within the cluster, this strength should be enhanced.

In image 22 the green structure of Eindhoven can be seen, as well as the ambition of the municipality (the arrows). Eindhoven has a unique character regarding greenery, as it has three green wedges entering the city (almost) up to the city center. Furthermore, the northern part of Eindhoven has a

green structure, surrounding individual neighborhoods. By analyzing this map, and the cluster of intervention, there can be seen that the cluster for intervention is enclosed by greenery. Moreover, there can be seen that the municipality wants to strengthen the green wedge connection in the west of the cluster, as well as on the southern side of the cluster. Though, there can also be seen that there is not much greenery within the cluster itself. Therefore by enhancing this strength, greenery should be brought into this cluster to improve livability.

By zooming into the cluster (image 23), there can be seen that the cluster is indeed enclosed by greenery. Though, by enhancing the green wedge connection of the municipality, a large park can be created from the edge of the city into the city center (image 24). Furthermore, the large-scale infrastructure within this cluster can be used to create a structure of greenery, thereby improving the accessibility to greenery, and increasing livability.

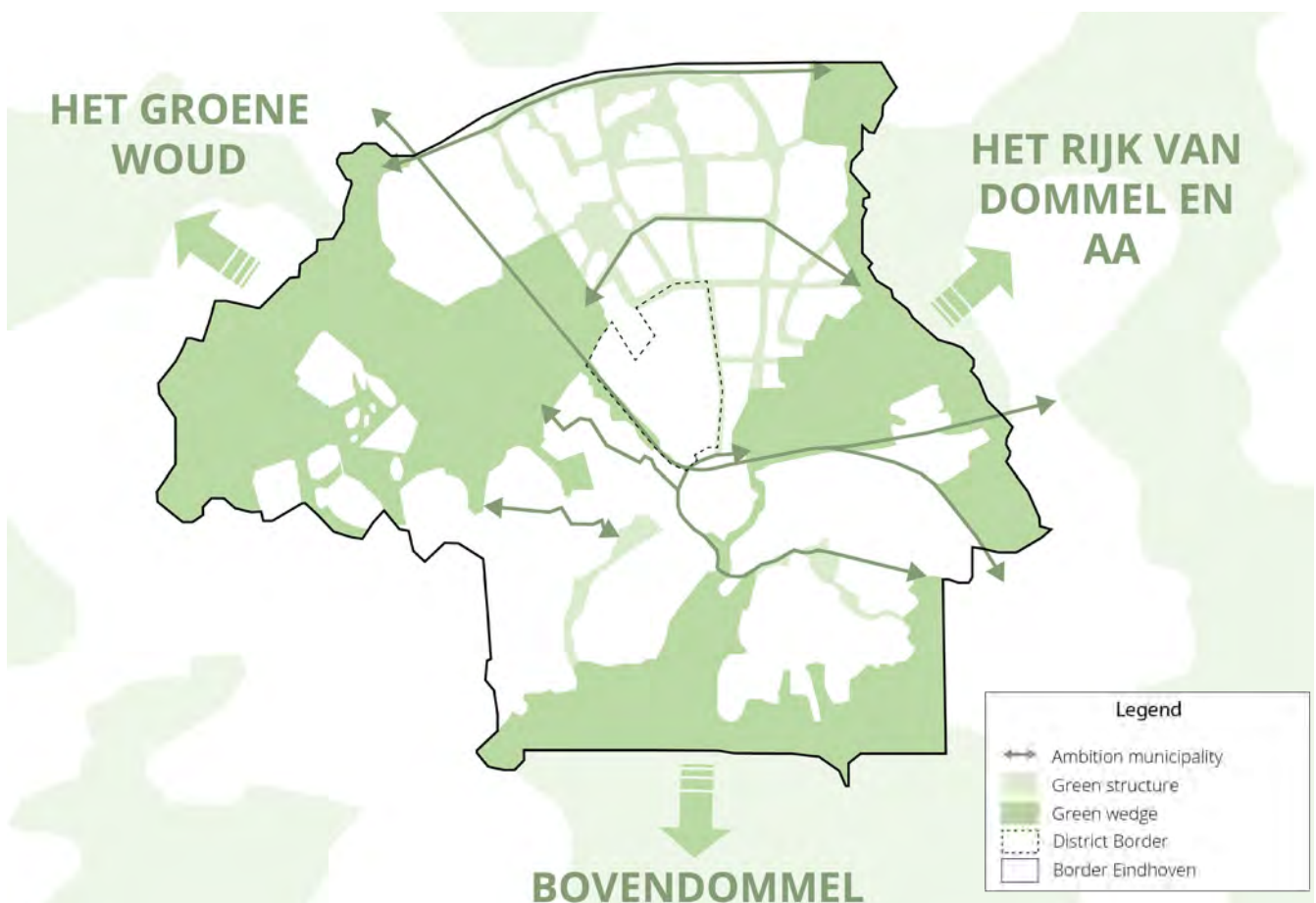


Image 22: Green structure of Eindhoven. Source: (Gemeente Eindhoven, 2017), modified by the author.



Image 23: Zoom in on district level, district enclosed by greenery



Image 24: Green structure strategy district level

### 5.3 Infrastructure

In the era of Modernism, Eindhoven has grown into a car-orientated city, with a significant amount of city infrastructure (Houten, 2017). This city infrastructure separates the neighborhoods from each other and thereby can act as a barrier (Gehl, 2010). In image 25 the primary city infrastructure of Eindhoven can be seen, from which multiple primary roads go through the cluster, and the cluster is bordered by the elevated railway. Therefore, there are multiple barriers within this cluster, as well as with the surrounding city. This decreases the use of active modes of transport between neighborhoods, as well as it decreases the accessibility to services as can be seen in image 26.

By mapping out all the crossovers for active modes of transport (image 27), there can be seen that there are a significant amount of crossovers. However, most of the time, these

crossovers can be significantly improved to increase the perceived safety, and thereby increase the likeliness of using active modes of transport. Furthermore, by lengthening these crossovers into streets, a network can be created (image 28). This network gives priority to active modes of traffic, which should stimulate the use of these modes. Moreover, the accessibility of services will also increase, as almost all services will become part of this network.

The network proposed in image 28 consists of almost all existing roads, however, only one new route and crossover will be added, which is the connection made to Strijp-S. This connection will connect the services of Strijp-S to the Kruisstraat, as well as it can connect the schools of St. Lucas, Fontys campus Rachelmolen, and the campus of the Eindhoven University of Technology, making it an interesting educational route.

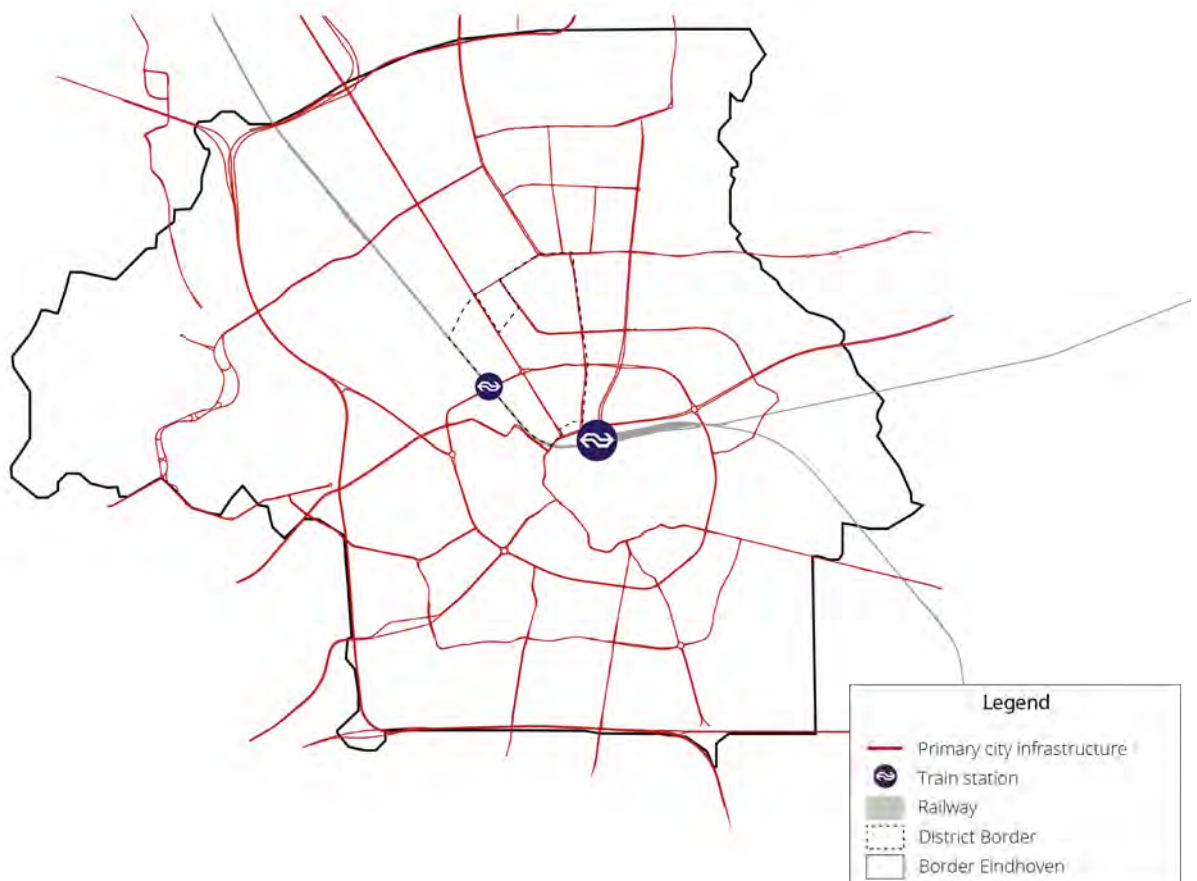


Image 25: Primary city infrastructure of Eindhoven





Image 26: Primary infrastructure as barriers for accessibility to services

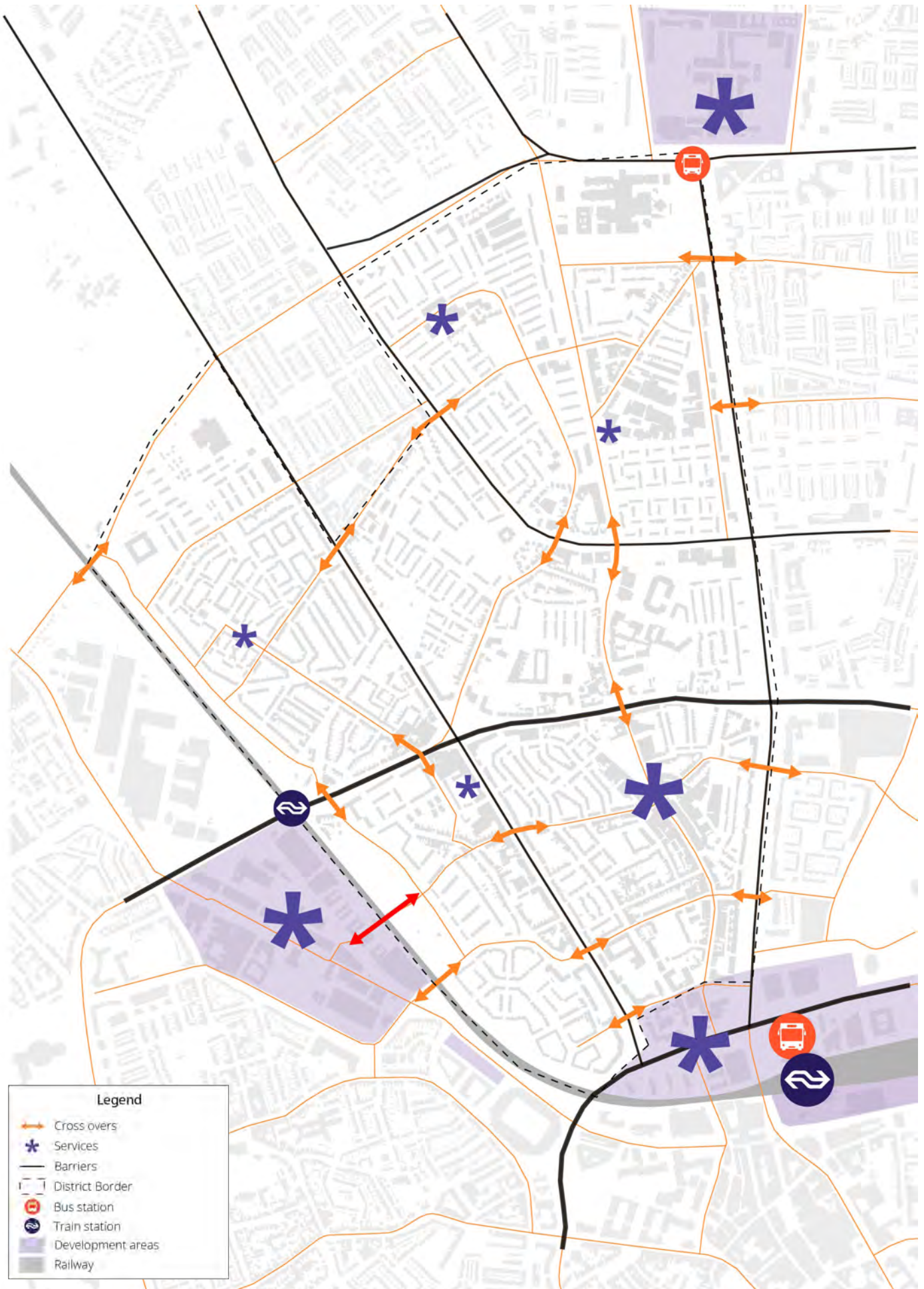


Image 27: Location where barriers can be crossed by active modes of transport

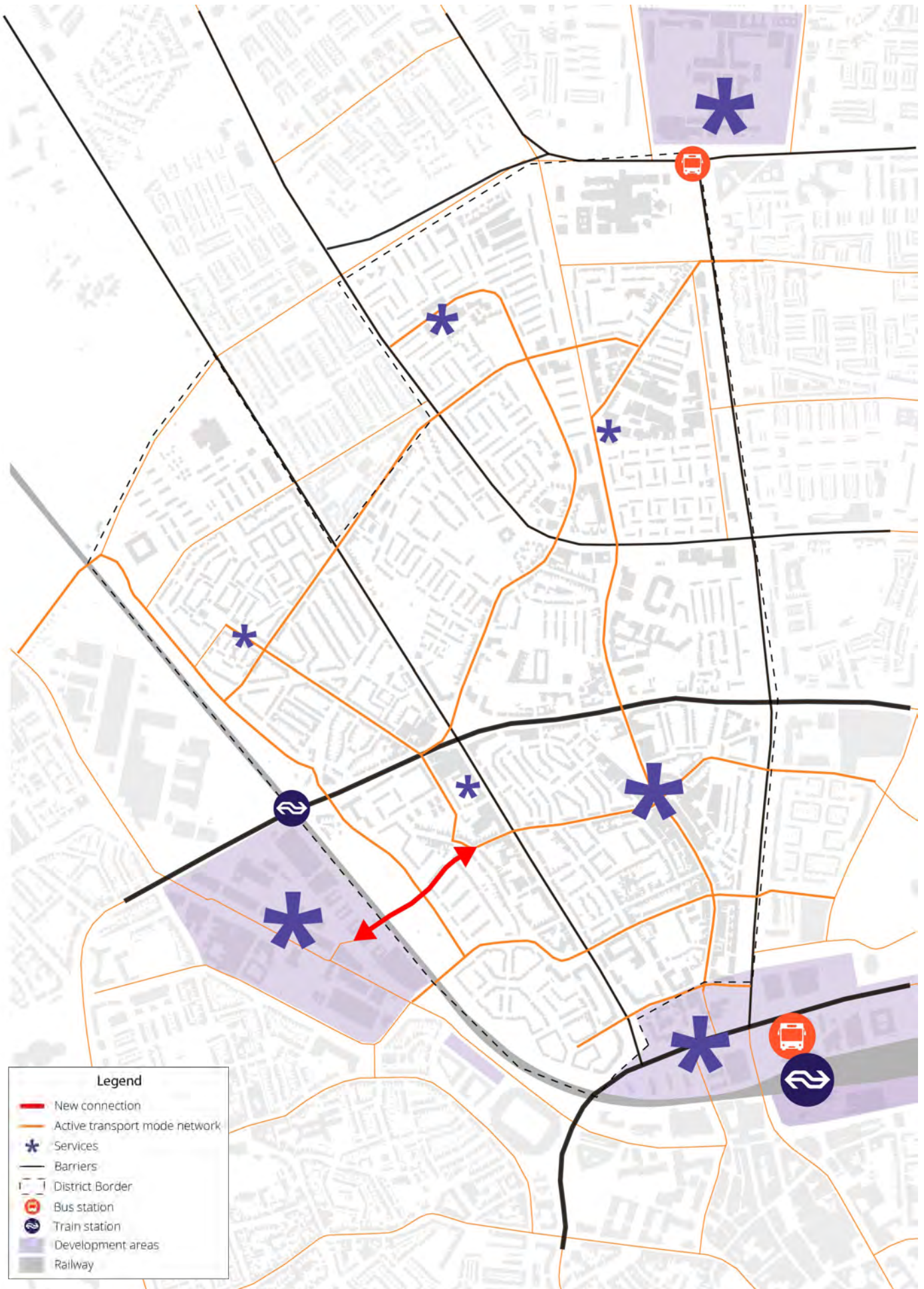


Image 28: Lengthening the crossovers, creates a network for active modes of transport

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## 5.4 Densification

In chapters 4.3 and 4.4 the potential for densification in this district has already been discussed and shown, and in chapter 3.3 the influence of densification on livability has been discussed as well. Though densification happens at an exact location, not all locations within this cluster have the same potential for densification. Therefore, this paragraph will analyze the existing building stock, as well as indicate the potential locations for densification.

In image 29 the current building stock of the district can be seen, however, not all buildings are suitable for densification. Therefore an analysis has been done of the existing building stock. In image 30 the potential locations for densification can be found. These locations are suitable as they are owned by a housing corporation and built before the 1990s, and if there are not already plans made for that location. In this research, there is chosen to

use the building stock of housing corporations, as they own larger plots of land, increasing the densification potential compared to privately owned plots

As the possible locations have been defined, it is important to prioritize them according to their potential. Therefore, the accessibility to the public transport nodes is used once again. In image 31 the transport nodes can be seen including a 15 min walking radius. As Eindhoven Central Station has the highest accessibility both locally, regionally, nationally, and even internationally, the plots located within this 15 min range will receive the highest potential. Thereafter, the train station of Strijp-S will receive the second highest potential, following the bus station at Winkelcentrum Woensel XL, and the least potential will be given to the locations which do not fall within these ranges. The more detailed densification potential of the district can be seen in image 32.

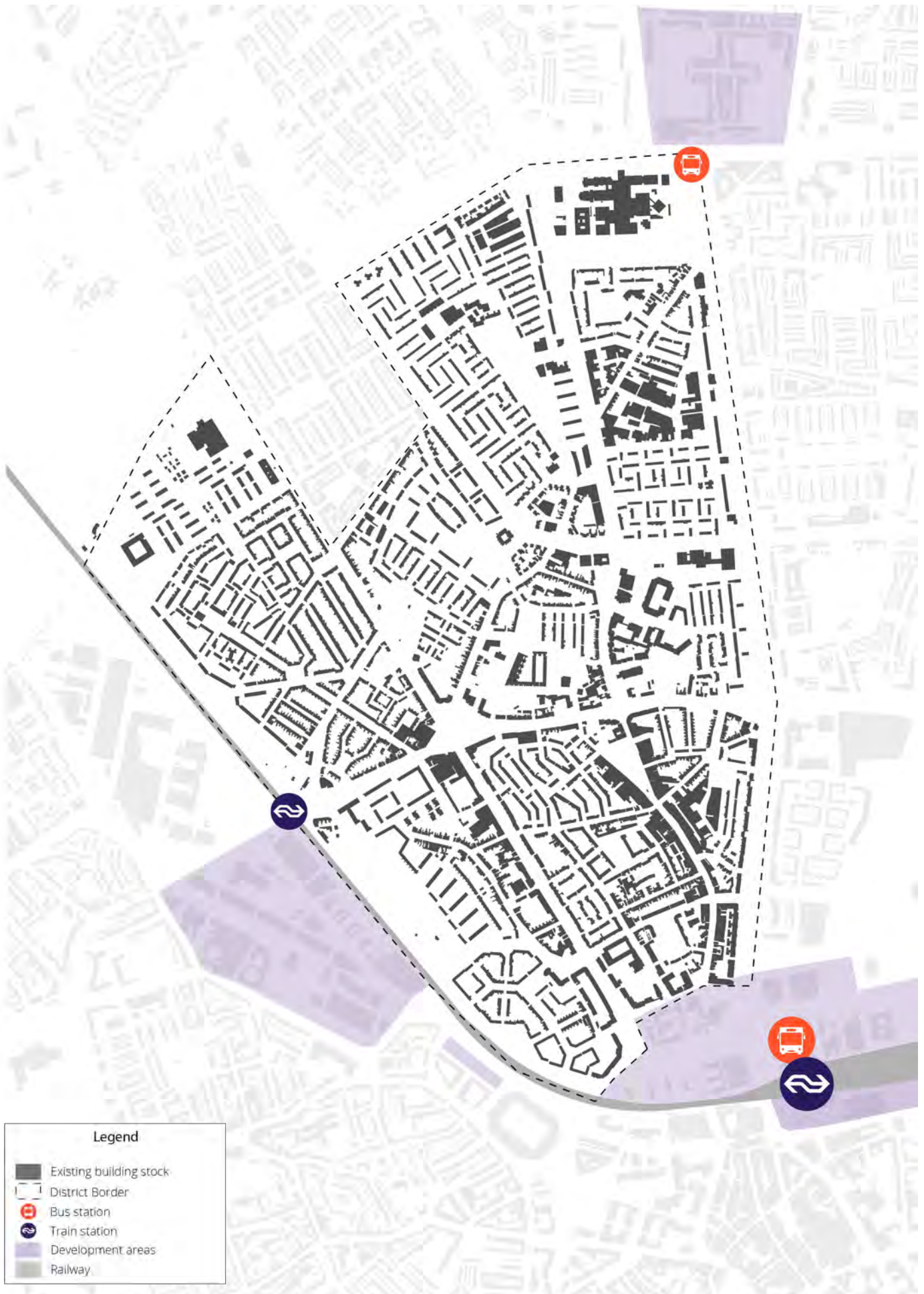


Image 29: Existing building stock

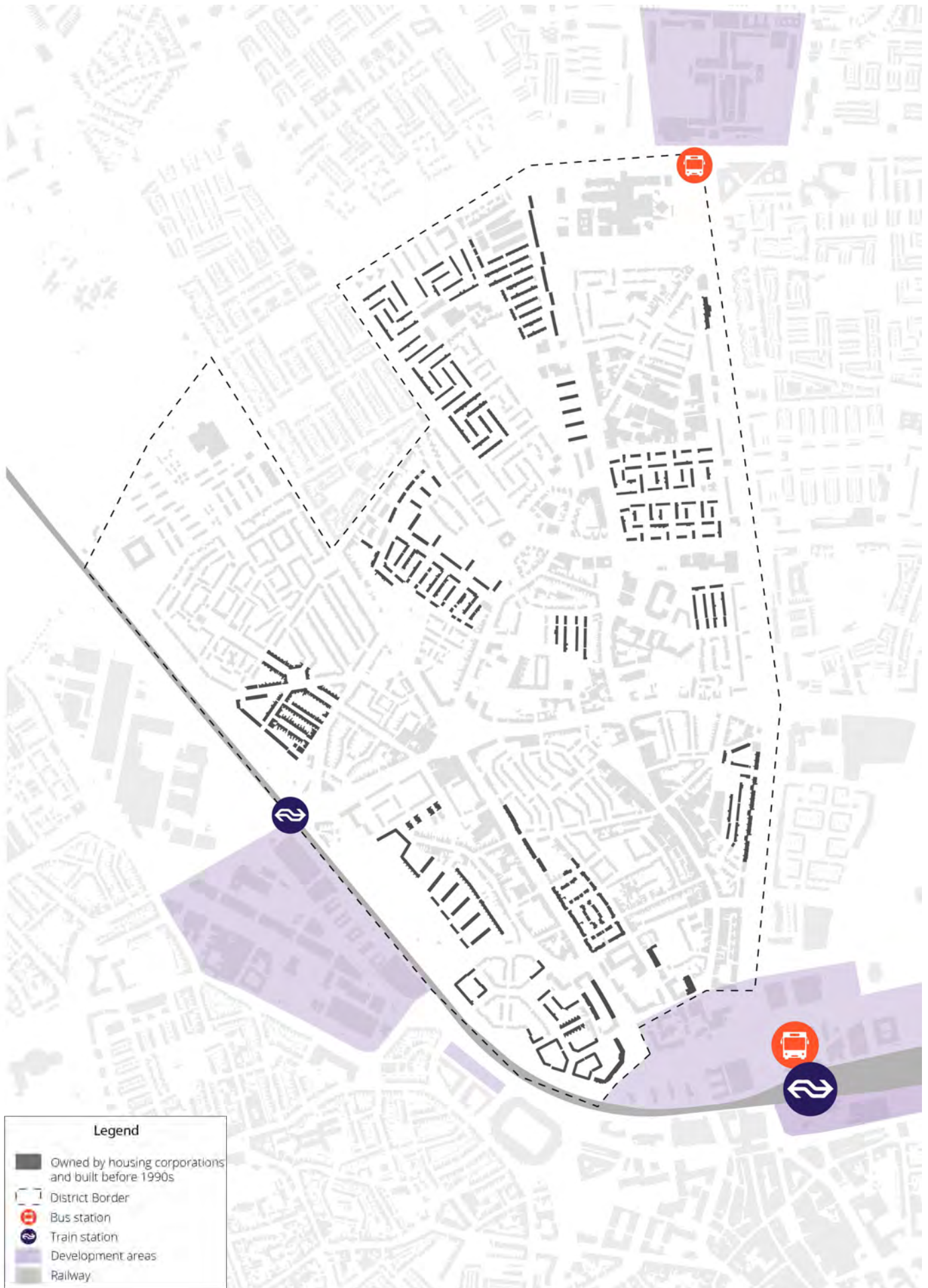


Image 30: Building stock owned by housing corporations and built before 1990. Source: (Kadaster, n.d.; Parallel, 2020), modified by the author.

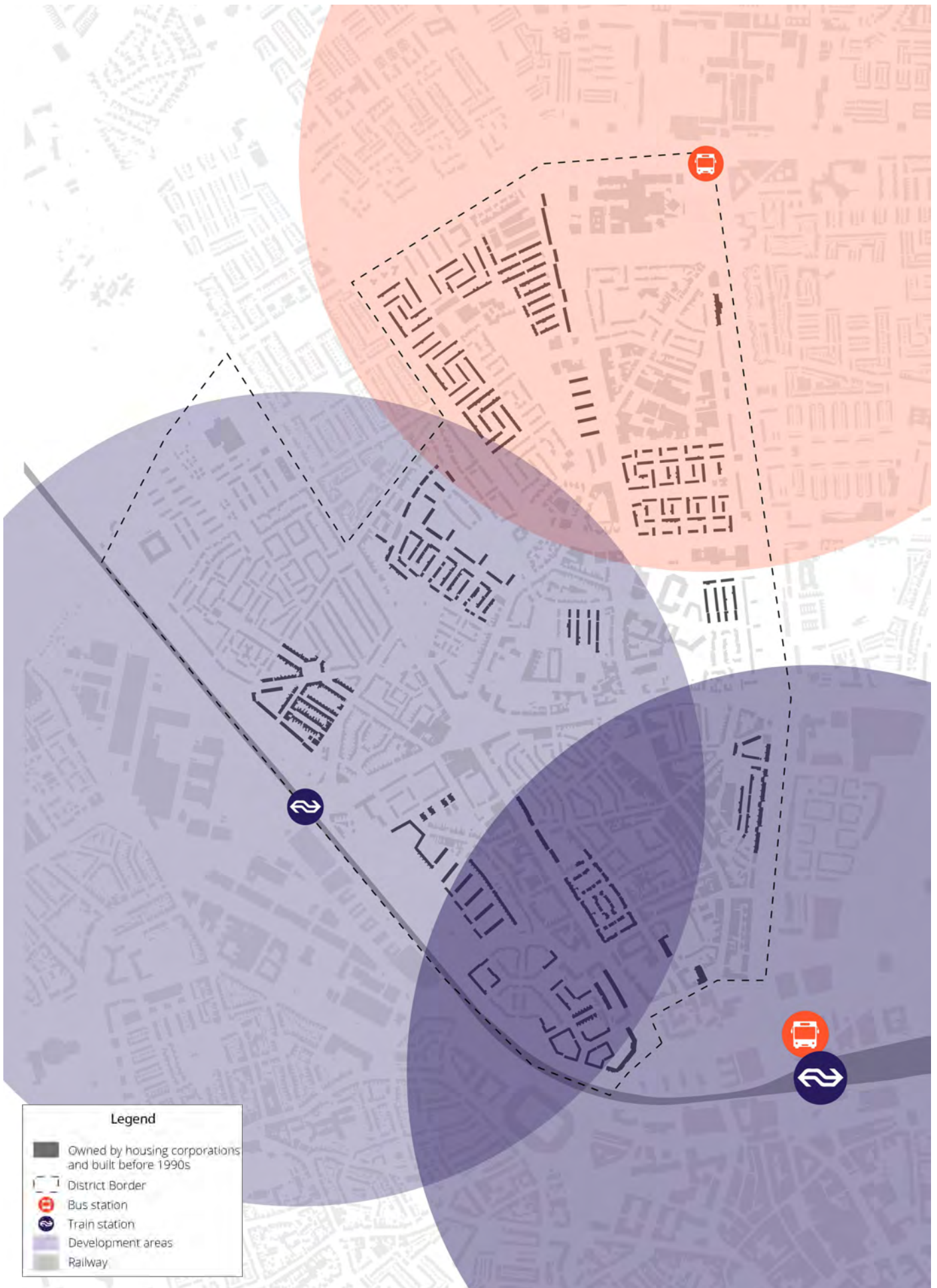


Image 31: 15 minute walking radius from public transport nodes.

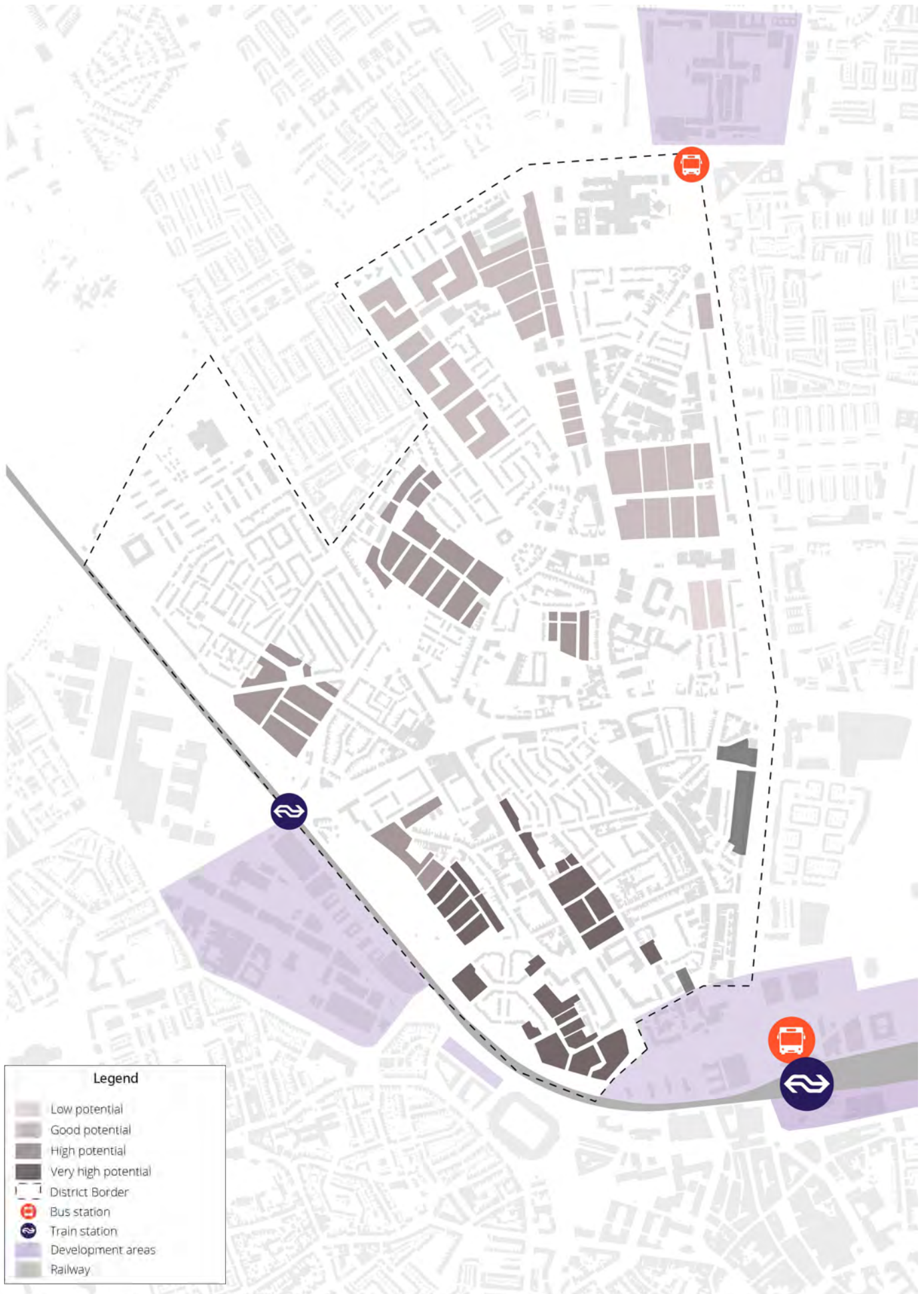


Image 32: Possible locations for densification and their densification potential.



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## 5.5 Strategy

In the previous paragraphs, the cluster has been analyzed, and interventions have been created to improve livability. By combining these interventions, the strategy in image 33 has been created. With this strategy, livability can be improved on a larger scale. However, the smaller scale is also very important to increase livability.

Therefore, the neighborhoods Limbeek Noord and Limbeek Zuid have been chosen for further analyses and intervention. As these neighborhoods have the highest potential regarding densification, as well as the important interventions of the strategy are happening in the southwestern corner of the cluster. Additionally, these two neighborhoods are located next to the large development areas of Internationale Knoop XL and Strijp-S, which is an interesting place for further research.

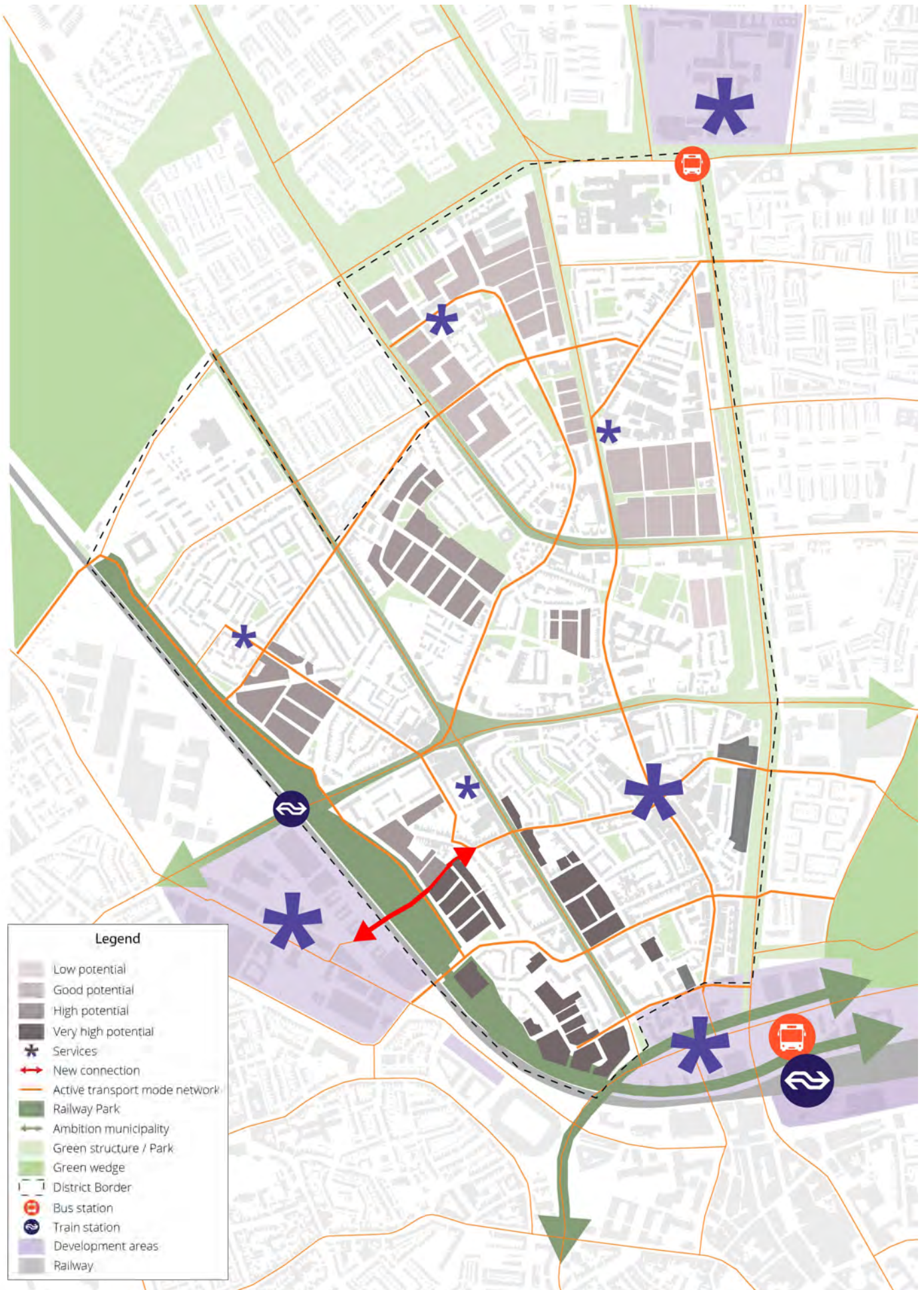


Image 33: District strategy

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## 6. Neighborhood Level

In this chapter, the design interventions on the neighborhood level will be presented to improve the livability within the neighborhoods of Limbeek Noord and Limbeek Zuid.

### 6.1 Current situation

By analyzing these neighborhoods according to livability (see images 7 to 11), there can be seen that the neighborhoods are not doing well regarding housing, safety, and physical space. Therefore, the interventions on the neighborhood level will give extra attention to these topics to improve livability.

In image 34 an arial view of the two neighborhoods can be seen, moreover on the next page pictures of the neighborhoods of Limbeek Noord and Limbeek Zuid can

be found. In these images (35 to 42), there can be seen that the neighborhood has a significant amount of blind walls (housing, safety), lacks maintenance at certain places (physical space), does not feel safe (safety), and the neighborhoods are full of parked cars (physical space). Furthermore, the density in these neighborhoods is relatively low and monotonous (housing), compared to Strijp-S and the future developments of the Internationale Knoop XL.



Image 34: Aerial view of Limbeek Noord and Limbeek Zuid



Image 35: Corner of blind walls (Limbeek Noord)



Image 36: Blind walls and garages (Limbeek Zuid)



Image 37: Closed building facades (Limbeek Noord)



Image 38: Graffiti on blind walls (Limbeek Noord)



Image 39: Lack of maintenance (Limbeek Noord)



Image 40: Lack of maintenance in courtyards (Limbeek Noord)



Image 41: A lot of parking in the public space (Limbeek Zuid)



Image 42: Parking within the park (Limbeek Zuid)

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## 6.2 Concepts

The strategy presented in chapter 5.5 is the basis for the concepts on the neighborhood level, these are the following concepts: expansion of the railway park, framing the park, green city cycling route, and highlighting east-west connections.

### **Expansion of the park**

As already presented by the strategy, the park needs to be expanded to improve livability. Therefore, the park will be expanded in Limbeek Zuid, as can be seen in image 43. This will enhance the green wedge penetrating the city center, as well as to ensure that the densification complies with the 8m<sup>2</sup> addition of greenery per dwelling established by the municipality of Eindhoven (Gemeente Eindhoven, 2019a).

### **Framing the park**

As the park becomes an important structure within this neighborhood, it should also be framed. Therefore, the densification should face the park, and create a park front (image 44). This will increase the importance of the park, as well as the perceived safety within the park.

### **Green city cycling route**

Through the expansion of the park, the existing cycling route can also be extended. This cycling route currently stops at the border between Limbeek Noord and Zuid, where the existing park also ends. By expanding the park, this cycling route can be extended through Limbeek Zuid to the Fellenoord and the city center (image 45). This results in a pleasant cycling route, in which people can cycle through the park from the green wedge into the city center and vice versa.

### **East-west connections**

Through the expansion of the park and the extension of the cycling route, the neighborhood will create a connection with the northern green wedge and the developments at the southern Internationale Knoop XL. However, it is also important to improve the connections to the eastern and western neighborhoods. Therefore, this concept wants to highlight these connections. In image 46, the east-west connections can be seen. The three existing east-west connections will be accompanied by a tower in the park, and the new connection made to Strijp-S will be highlighted by a bridge over the railway or a tunnel beneath it.

### Expansion of the park



Image 43: Concept expansion of the park

### Framing the park

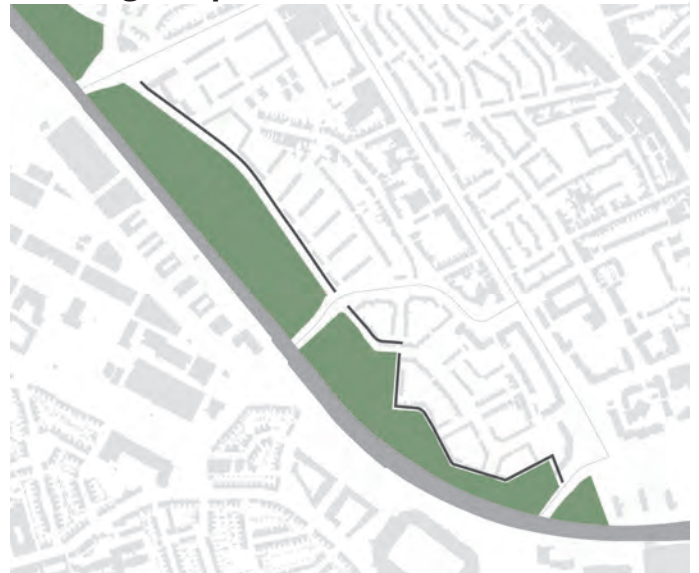


Image 44: Concept framing the park

### Green city cycling route



Image 45: Concept Green city cycling route

### East-west connections

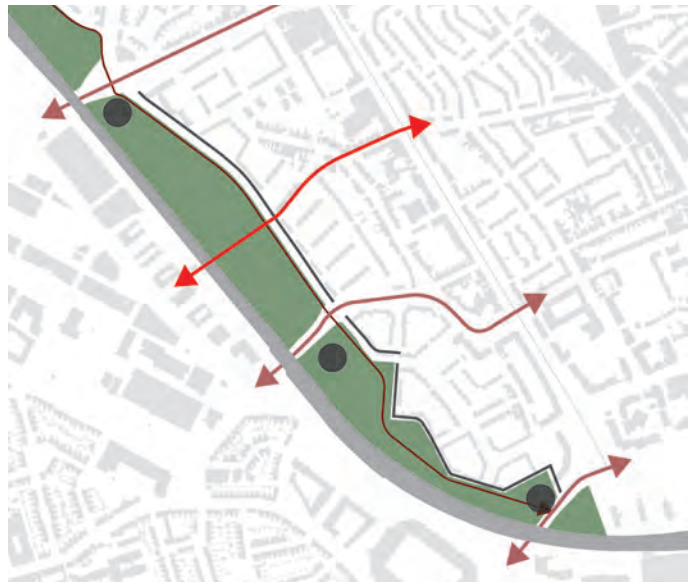


Image 46: Concept east-west connections

### 6.3 The design

With the previously presented concepts and the concept of densification, a new design for a part of this neighborhood has been created. This design can be seen in image 47. In the design, the expansion of the park can be seen, as well as that the park is framed by buildings. Furthermore, the east-west highlights, the towers in the park, are also clearly visible, as well as the cycling route connecting the green wedge in the north to the city center in the south.

To improve the livability of these neighborhoods, it has been important to improve the diversity within the building blocks, and the public space, increase safety, as well as improve the accessibility to active modes of transport. To achieve that, the public space has been programmed (image 48), as well as streets have been transformed to promote active modes of transport (image 48). The increase in safety is mostly done by improving the building blocks, which are visualized in chapter 7.

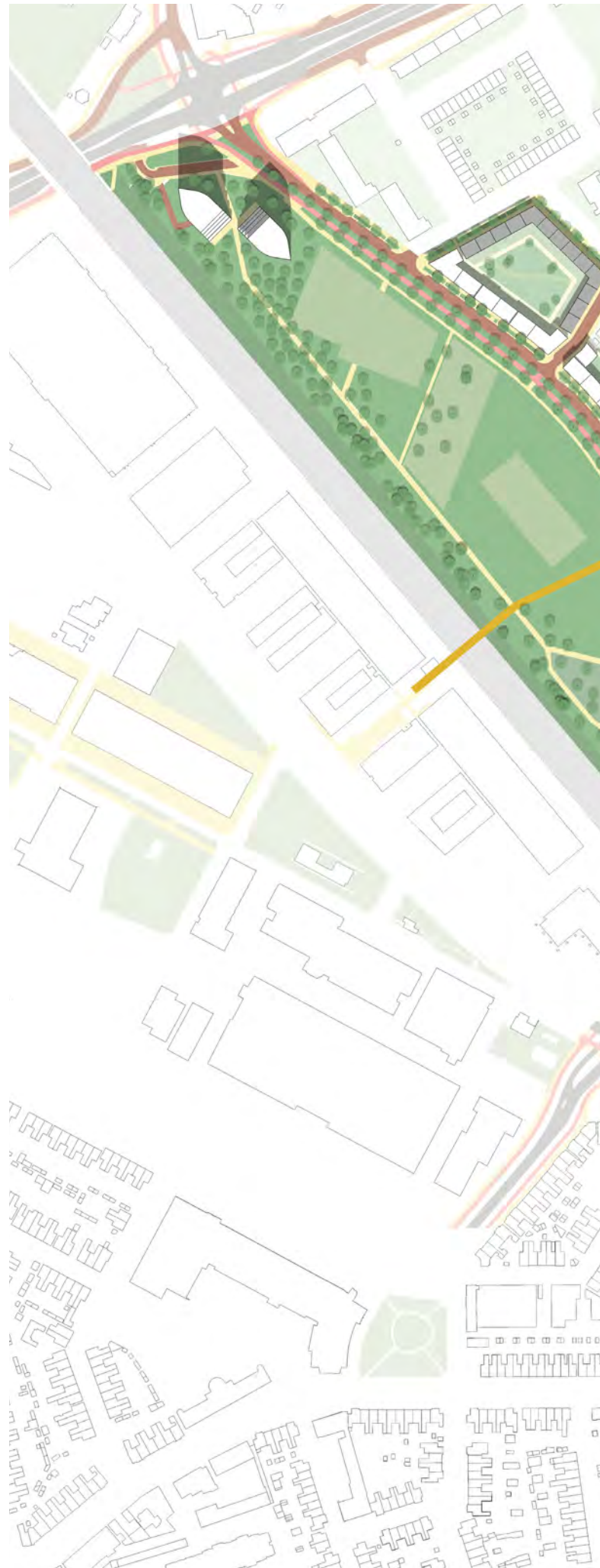


Image 47: Plan of the design interventions







Ground floor function related to station Strijp-S

Ground floor function hotel lobby

Private Courtyard

Allotments

Dog park

Small scale event space

Relax area

Soccer field

Playground

Flower garden

New railway bridge / tunnel

Meeting space for elderly

Pocket park / plantation

Commercial Playground

Pocket park

Ground floor function: related to park, Strijp-S or Internationale Knoop XL

Cycling route through the park

Wander environment

Commercial function in the plinth (cafe/restuarant)

Playground

Connection block between Limbeek and Internationale Knoop XL

Private courtyards

Ground floor function related to Internationale Knoop XL

Image 48: Programm of the public space, and improvement of walkability



# 7. BUILDING BLOCK LEVEL

To improve the livability of these neighborhoods, it is important to create a set of rules for the building blocks as well, as to improve the safety and to increase the housing diversity within these neighborhoods. Therefore, the building blocks are based on three building block typologies: the park front, the enclosed block, and the tower in the park typology. In this chapter, these typologies will be explained according to the transformation of such a building block. In image 49, the locations of the three typologies can be found.

## 7.1 Park Front Typology

The park front typology is located in Limbeek Noord and is about the transformation of modernistic strip constructions.

### The transformation

In step 1 the current plan of the building

block can be seen. By analyzing this building block, there can be concluded that the smaller building on the south side, does not comply with the concept of framing the park. Therefore, this smaller building – consisting of 8 dwellings, will be demolished which is visualized in step 2. Furthermore, the other building within the plot will be renovated as proposed by the municipality of Eindhoven and the housing corporation (Theeuwen, 2023).

Though not only do the current buildings need to change, also the infrastructure around the building block should be adjusted to improve walkability and stimulate the use of active transport modes. Therefore, most parking spots will disappear, and greenery will replace them. This decrease in parking lots can be executed at once, however, it can also be done in a process. However, the walkability

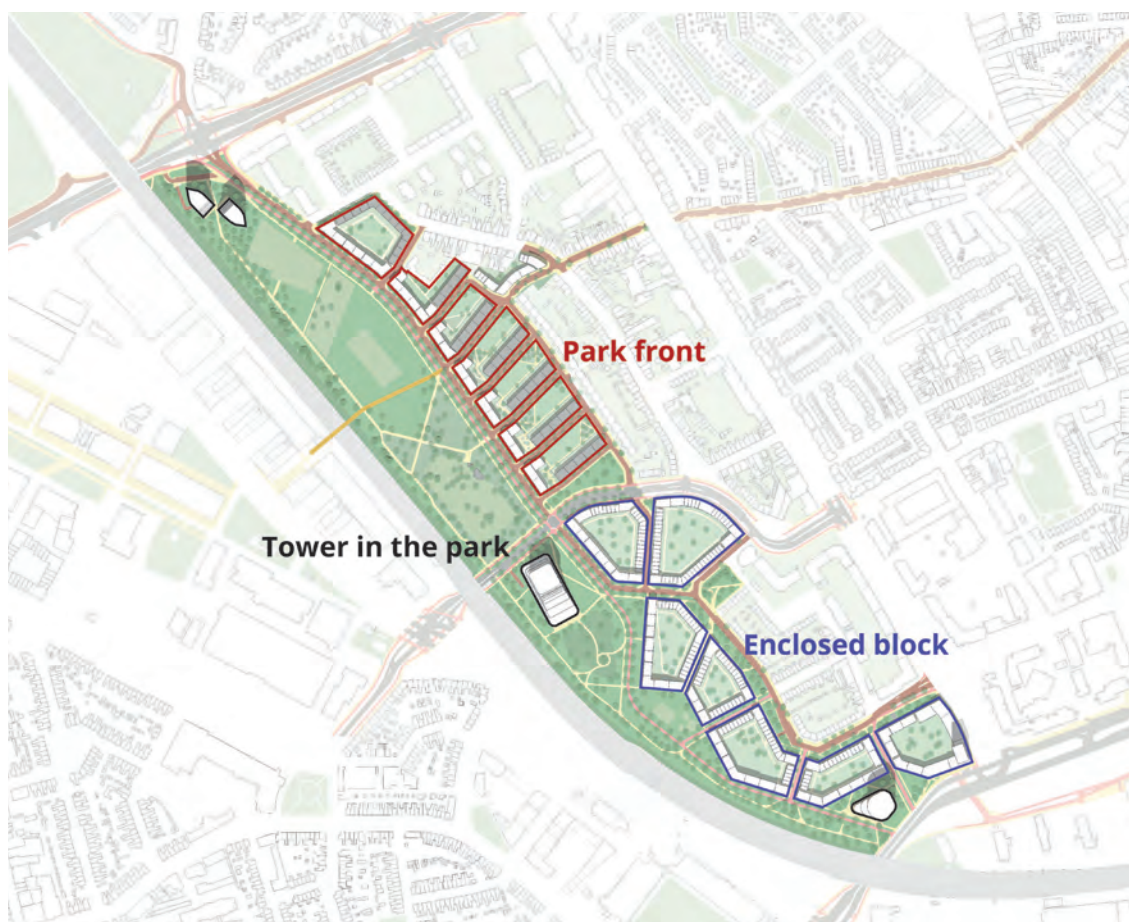


Image 49: Locations of the three typologies

**Step 1**



Image 50: Current building block

**Step 2**



Image 51: Demolition of smaller block

**Step 3**

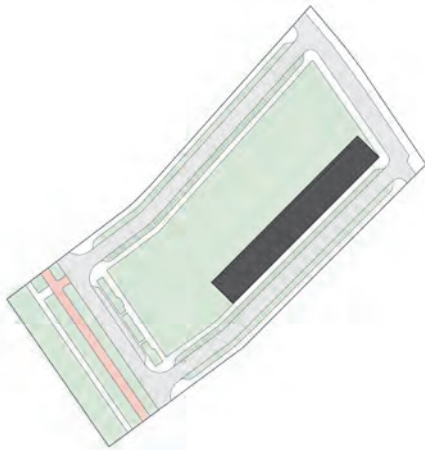


Image 52: New infrastructure for better walkability

**Step 4**

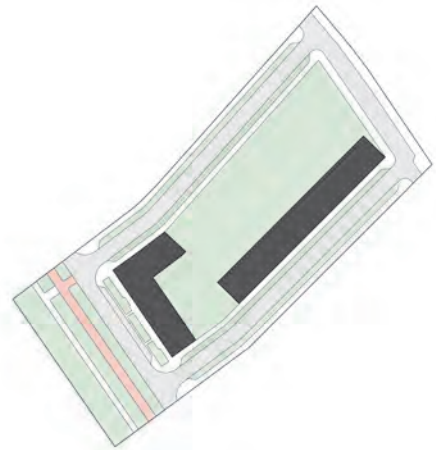


Image 53: Addition of park front building block

**Step 5**

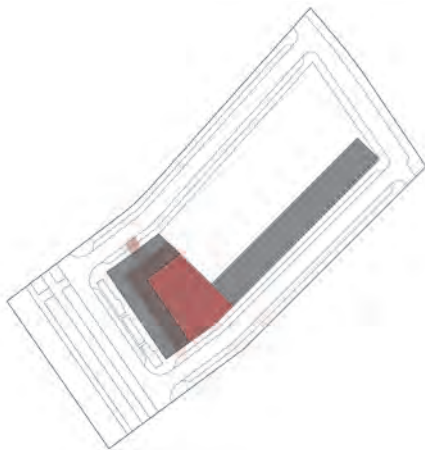


Image 54: Half-sunken parking garage and entrance

**Step 6**

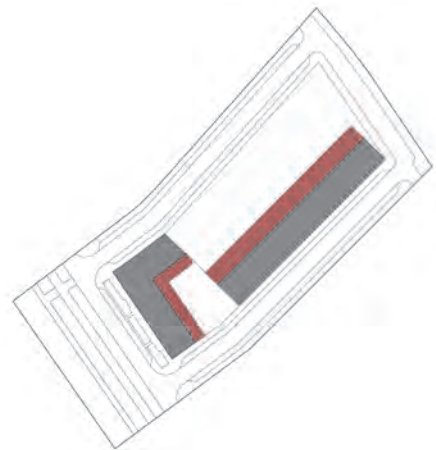


Image 55: Private spaces

**Step 7**

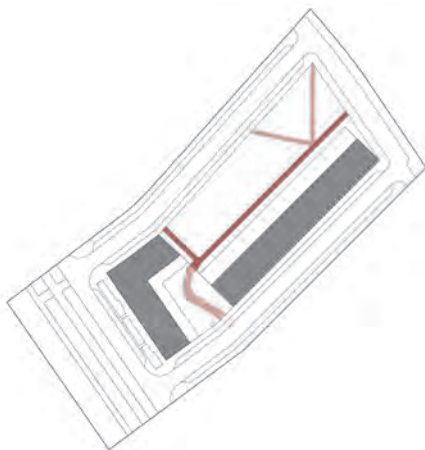


Image 56: Routing within the block

**Step 8**

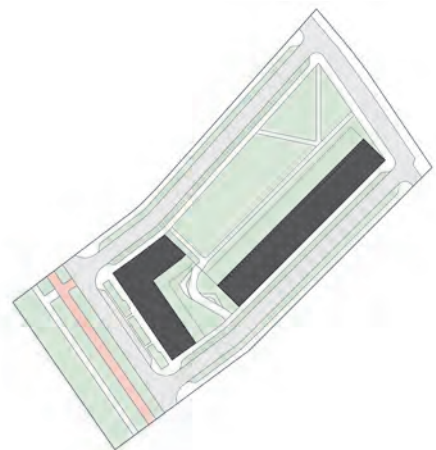


Image 57: Public space design

should be improved directly to make the new building block better accessible.

As the space around the building block has been established, the new building itself can be built (step 4). These new buildings will form the park front, and thereby frame the park. This new building will not exceed the 5 building layers, to improve the perceived safety as well as to ensure that social cohesion can be improved. As the parking spots around the block have vanished, parking will be created in a half-sunken parking garage, with the entrance built on the ground floor of the building block (step 5).

As the first five steps have shaped the buildings and the building block, the next steps will shape the space within the building block. On the inside of the building block, small private gardens will be created, as well as balconies that will face inwards, to enhance social cohesion (step 6). Besides the private gardens, a significant amount of the block contains public space, therefore, this should be designed as well. So in step 7, the new routing through the block can be seen, in which the red routing indicates a set routing,

and the pink routing can vary between the different building blocks. With these variations, different landscaping can take place between these building blocks, thereby enhancing the diversity within the public space. And lastly, in step 8 the final design can be seen.

By analyzing the sections in image 58 and 59, the change can be seen. Especially the new building at the park front is the major change, with the entrances of the building located at the park, and the private spaces within the building block. Furthermore, the public space behind the new building has been divided into three areas, to create diversity within the building block itself, as well as to frame the public space of the block (Gehl, 2010).

### Comparison

In comparing the current situation to the new situation (image 60), there can be seen that the new situation increased in housing, as well as in the surface area of greenery. Furthermore, the public space has been much more tailored to active modes of transport by drastically reducing the number of parking spots, as well as enhancing diversity.



Image 58: Section of the current situation, with on the south side the park

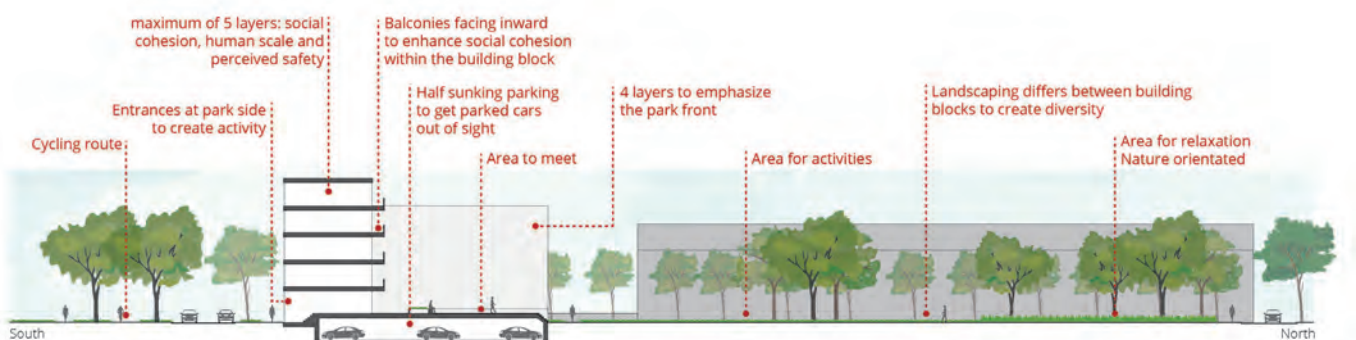


Image 59: Section of the park front typology, with notes on important livability elements

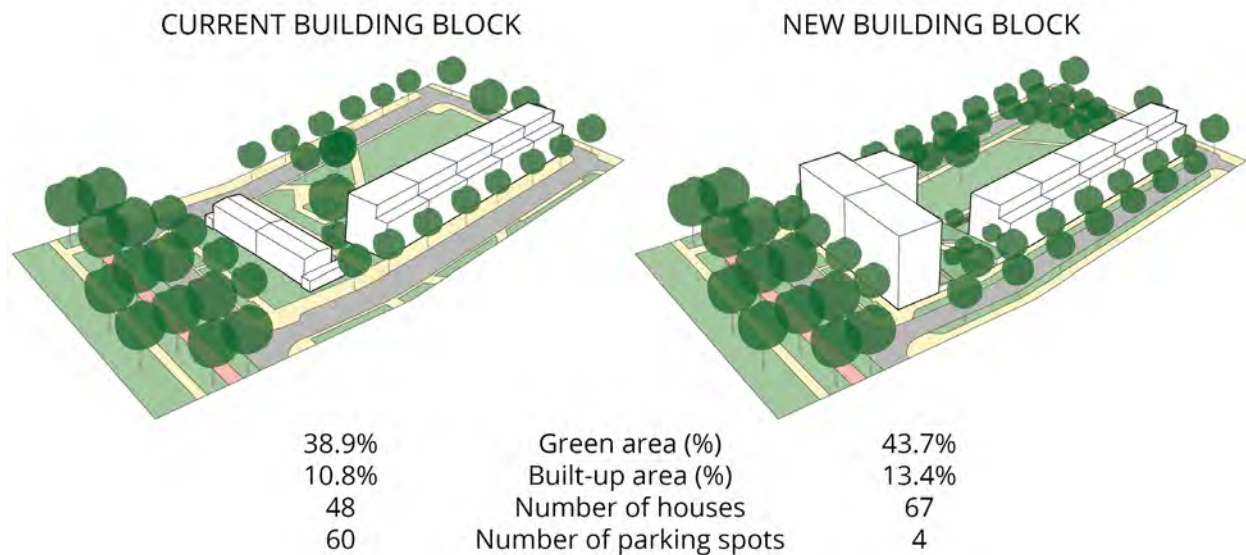


Image 60: Comparison current situation and the park front typology

## 7.2 Enclosed Block typology

The second typology is located in the southern part of the project area, as can be seen in image 49.

### The transformation

By analyzing the current building block (step 1), there can be seen that the current building structure is almost already an enclosed building block. However, to improve livability and densification, this building block needs to have a higher density. Therefore, the existing building block will be demolished (step 2). However, to improve livability, active modes of transport should be stimulated, and by examining the current infrastructure, there can be seen that the infrastructure is tailored to the car. Therefore, a new infrastructure has been created (step 3), in which 3 of the 4 streets around the building block will be transformed to stimulate active transport modes. Furthermore, more greenery will be added to the building block and its surroundings to improve mental and physical health. And in step 4 the new building block can be seen.

However, by diminishing the car infrastructure around the block, and reducing the number of parking spaces, new parking will be created in a half-sunken parking garage beneath a part

of the building block (step 5), which will still be accessible by the road in the north.

With the creation of an enclosed block, a courtyard has been created. This is a private courtyard for the inhabitants, however, there will also be small private gardens within the courtyard. Furthermore, routing is added within the courtyard to access the private gardens as well as the parking garage. And lastly, the landscaping can be done within the courtyard to create the final design (step 8).

The transformation of the building block is also clearly visible within the sections, visualized in image 69 and 70. Where there can be seen that the building slightly moves towards the south, however, this also creates the pocket park in the north of the building block. Furthermore, wherein the current situation the courtyard is used as a parking lot, the new courtyard will become much greener and designed for/by the inhabitants of the building block.

### Comparison

With the transformation of this building block, the density can almost be doubled, as well as more public and private greenery can be created. Furthermore, the reduction of the car infrastructure leads to more space for people using active transport modes, as well as to enjoy the park (image 71).

**Step 1**

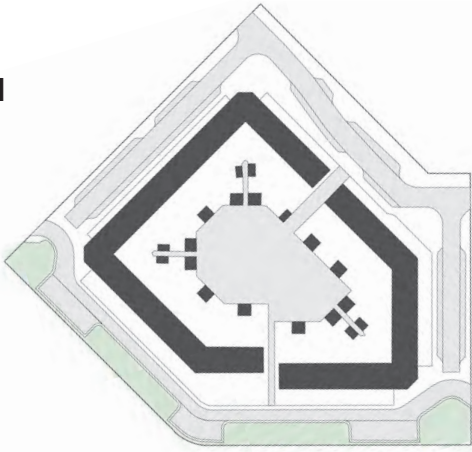


Image 61: Current building block

**Step 2**

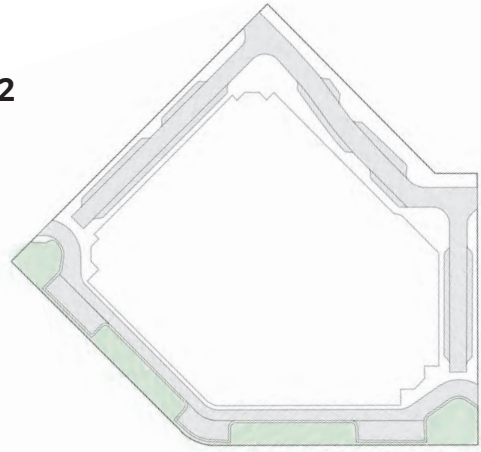


Image 62: Demolition of building block

**Step 3**

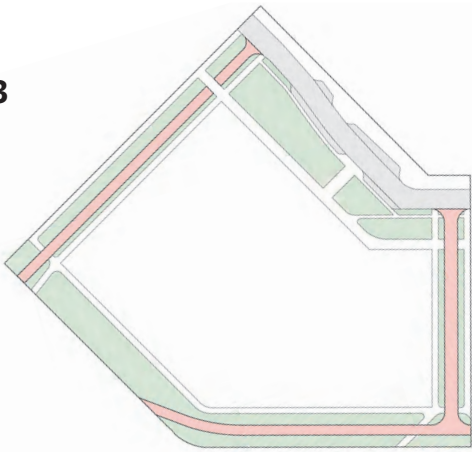


Image 63: New infrastructure for better walkability

**Step 4**

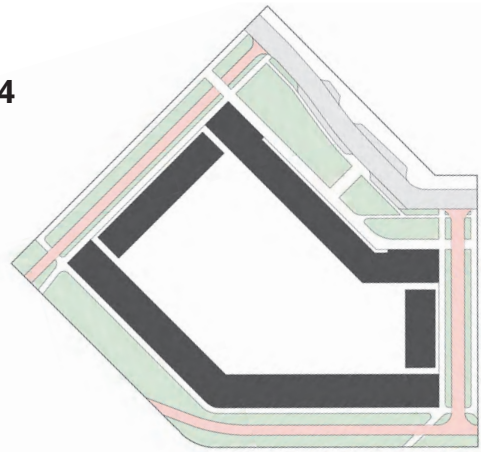


Image 64: New building block

**Step 5**

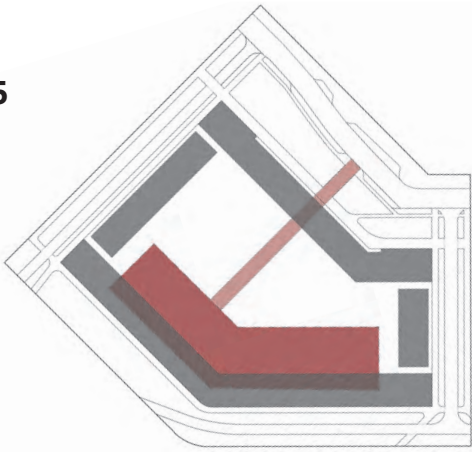


Image 65: Half-sunken parking garage and entrance

**Step 6**

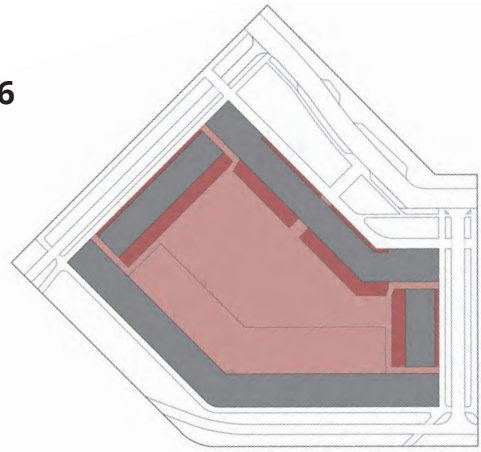


Image 66: Private spaces and the private courtyard

**Step 7**

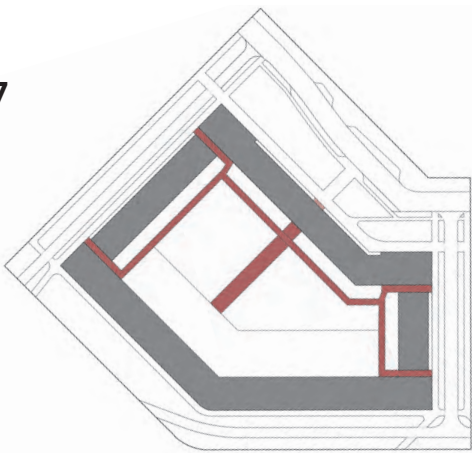


Image 67: Routing within the block

**Step 8**

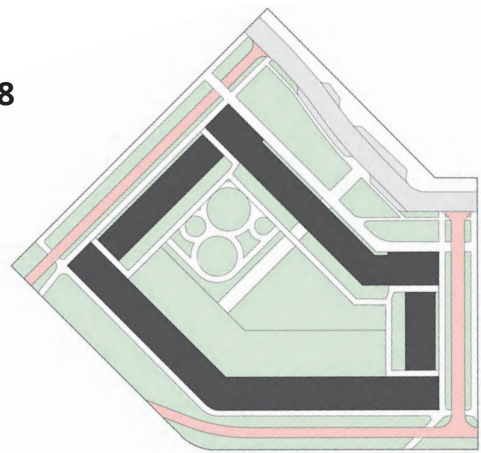


Image 68: Public space design



Image 69: Section of the current enclosed building block

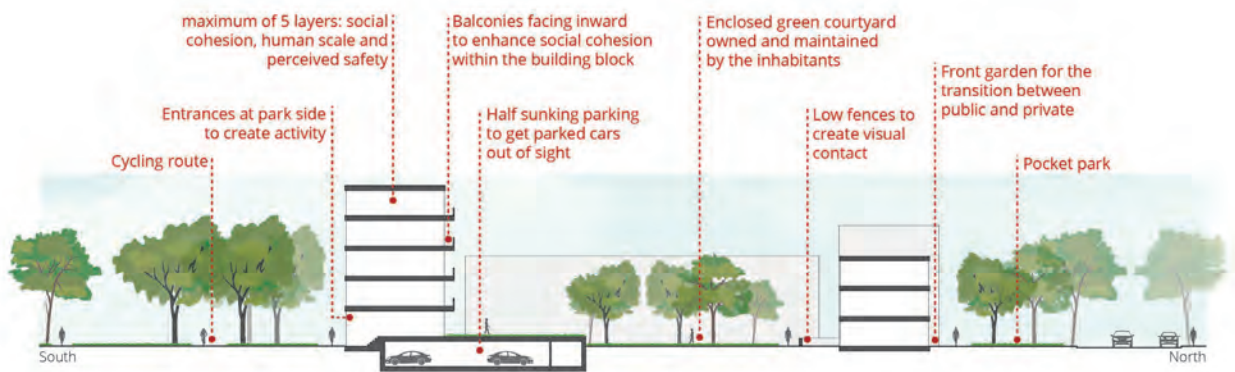


Image 70: Section of enclosed block typology, with notes on important livability elements

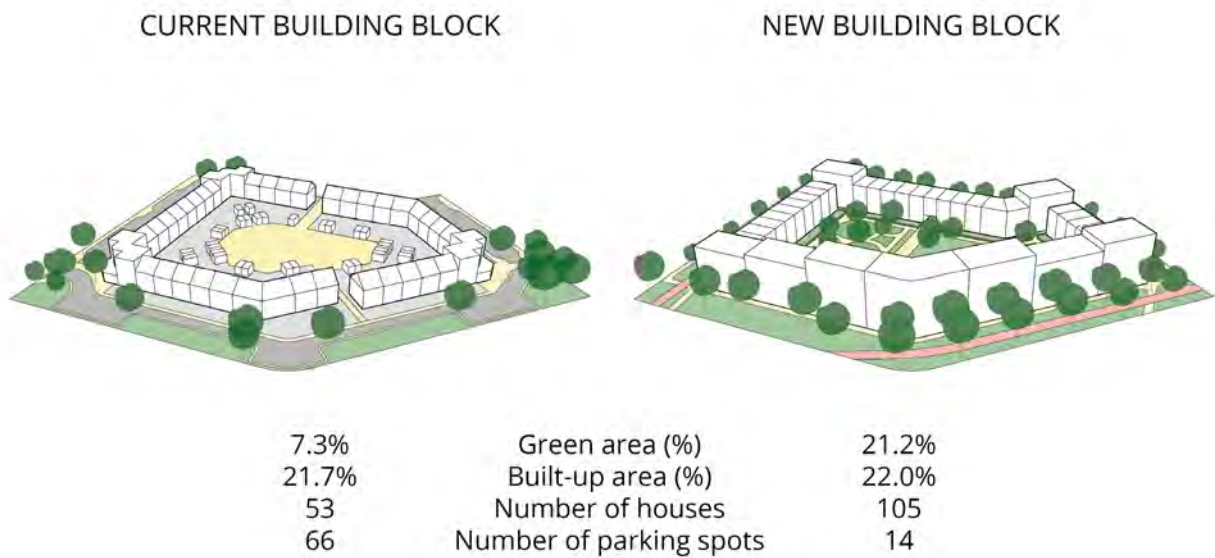


Image 71: Comparison current situation and enclosed block typology



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### 7.3 Tower in the park Typology

And the last typology is the tower in the park typology, which is used to highlight the east-west connections of the neighborhood.

#### The transformation

To create a tower within the park, first, the park has to be created. So to be able to do that, the existing building block (step 1) needs to be demolished (step 2). After the demolition of this building block, the park can be created, in which active modes of transport will be the main mode of transport. This new infrastructure can be seen in step 3, where the existing northern road will follow the park front typology from paragraph 7.1.

In creating a tower, the ground floor is extremely important, as this forms the footprint of the tower, as well as can define the public space around it. Therefore, the ground floor will have a public function and is doubled in height (image ... and ...), where the public function will be related to its location. So the northern towers can be related to the train station of Strijp-S, the southern tower can be related to the developments of the Internationale Knoop XL, and the tower in the middle can be related to the park, as well as to both Strijp-S and the Internationale Knoop XL (image).

After the establishment of the ground floor (step 4), the wellings on top can be built (step 5). It is important the tower on top of the

ground floor has certain setbacks, this ensures that the building keeps its human scale. Furthermore, these setbacks or terraces can also be used for greenery onto the building and thereby integrating the building within the park (step 6).

By increasing the density, as well as removing parking spaces, a new parking garage will be created. This parking garage will be built underneath the tower, to prevent the area around the tower from being taken over by cars. The parking garage will be accessible by the main road between Limbeek Noord and Limbeek Zuid.

And lastly, the building should also be accessible by people, therefore, routing has been created within the park.

In the sections on image 80 and 81 the massive change can be seen. Especially the size of the park on both sides of the building block has become much larger. Furthermore, from cars being parked around the block, cars will now be parked underneath the building, giving more space to the park.

#### Comparison

With this change from low-rise to high-rise the number of dwellings multiplied by four, as well as the amount of public greenery increased enormously (image 82). Thereby enhancing the density, while also creating the park entering the city center from the west of Eindhoven.

**Step 1**

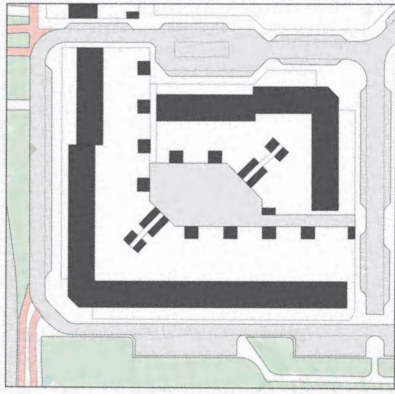


Image 72: Current building block

**Step 2**

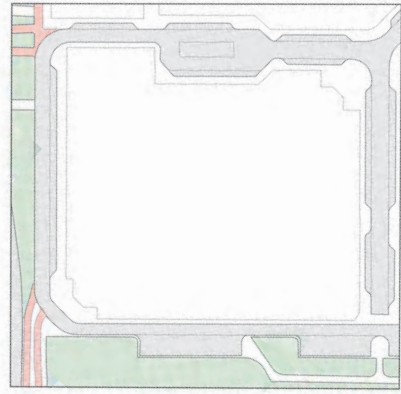


Image 73: Demolition of the whole building block

**Step 3**

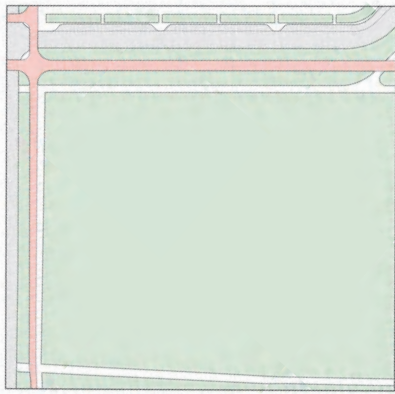


Image 74: The expansion of the park

**Step 4**

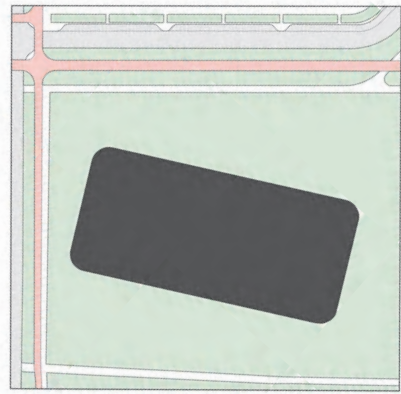


Image 75: The ground floor (public function)

**Step 5**

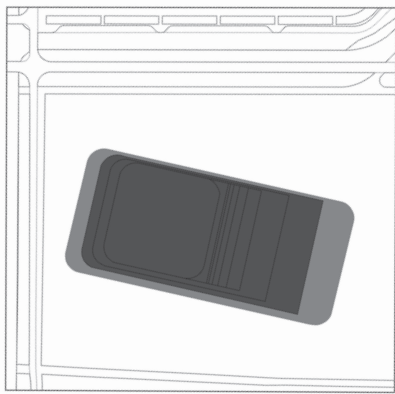


Image 76: Dwellings on top of the ground floor

**Step 6**

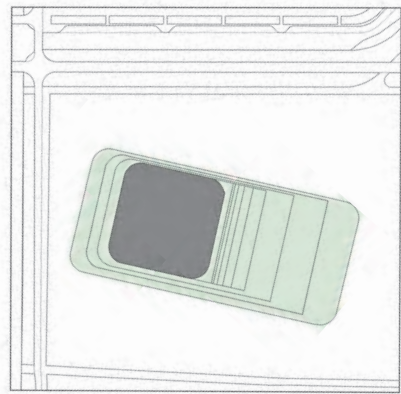


Image 77: Setbacks for green terraces

**Step 7**

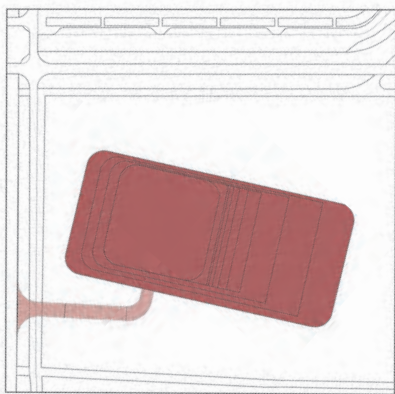


Image 78: Parking garage underneath the building

**Step 8**

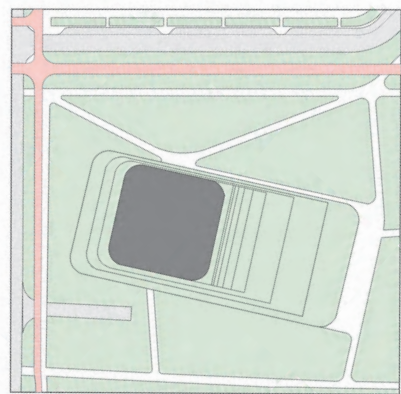


Image 79: Routing and design of the park



Image 80: Section of the current block

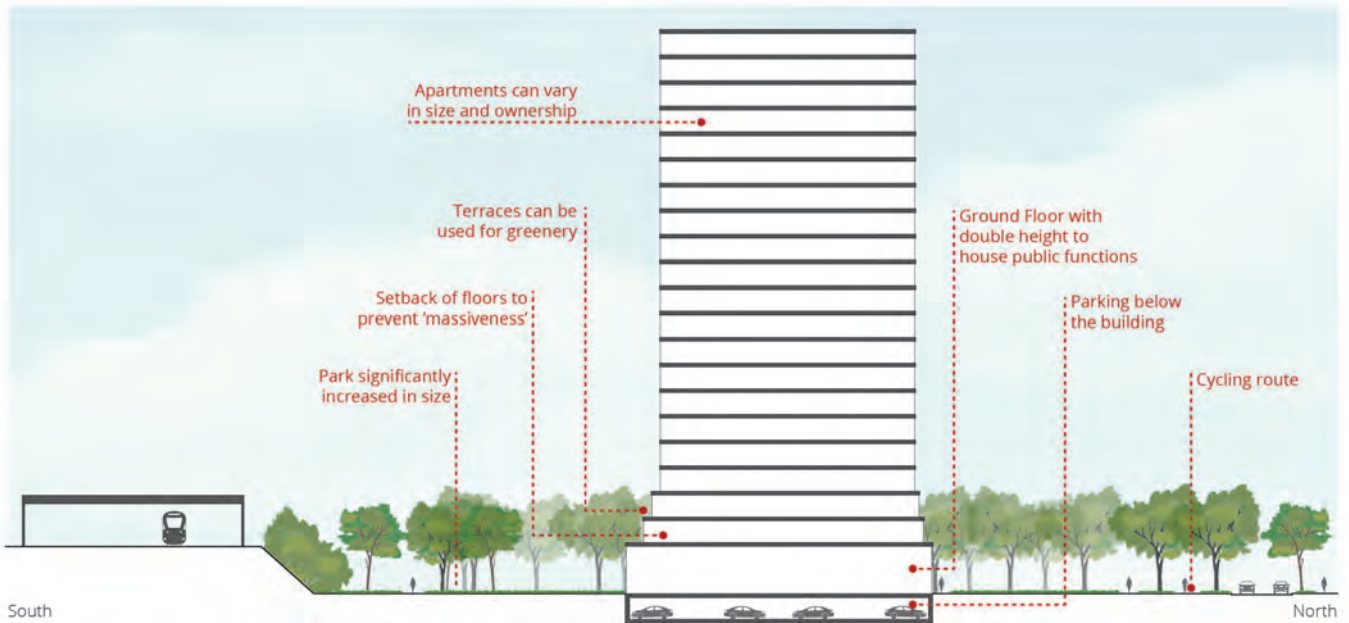


Image 81: Section of the tower in the park typology, with notes on important livability elements

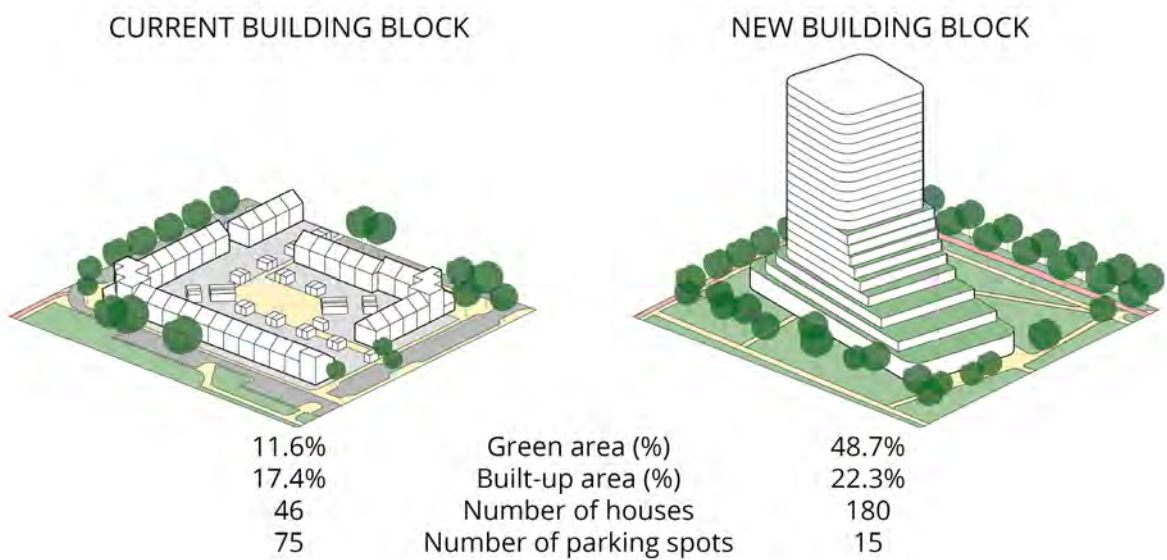


Image 82: Comparison current situation and tower in the park typology

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## 8. CONCLUSION

In this research, the district strategy, the neighborhood design, and the building block typologies have contributed to the increase in livability. Yet, it is not possible to calculate the exact increase in livability, as new data – needed to define the livability – is not available. This is because this data is gathered from the inhabitants living within the neighborhood. Therefore, this makes it not possible to calculate the new livability up front, before the project is executed, and inhabited. However, this does not mean, that the livability cannot be increased in the new design, however, the exact increase is unknown.

So, in this research the livability of the location has been increased through the following method: the current livability should be defined first, it should be analyzed, and categories of improvement should be defined. These categories should receive extra attention by improving or densifying this neighborhood. In the case of Limbeek Noord and Limbeek Zuid, extra attention has been given to the perceived safety and social cohesion - by establishing a maximum building height for certain building blocks, as well as increasing the number of eyes on the street, the health and happiness rates – increased by the extra greenery, the infrastructure for cyclist and pedestrians – by redesigning streets to stimulate the use of active modes of transport, and the diversity within the neighborhood is increased – by the use of different building block, as well as programming the park and the public space with different functions.

Though this area also increased in the number of houses, with the proposed interventions approximately 1750 houses could be built, and 250 houses will be renovated. Though to realize this design, about 500 dwellings need to be demolished. This results in approximately 1250 extra dwellings, which equals 3% of the 40.000 houses Eindhoven needs to build before 2040.

Therefore, this research could conclude that it should be possible to increase livability by densifying the surrounding built environment. Though this will only be successful if there is known which categories the livability should be improved, as well as if the densification happens at logical locations.

For future research or the execution of a project, it is very important to indicate a set of rules or obligations for the executing parties, to ensure livability is improved, as well as a diverse living environment is created. This is especially important to enhance the diversity in housing typologies, and housing ownerships, thereby accommodating different lifestyles. Moreover, for the execution of such a project, it is important to think about phasing, as there is the possibility houses will be demolished, and people need to move or be temporarily relocated.

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# APPENDIX A

## Scoring Livability

As can be seen in image A1 the scoring system for livability has the same layout as the categorization of livability, however, all categories are converted into maximum scores. Therefore livability has a maximum score between 0 and 100, and the categories

and (sub-)subcategories have a maximum score of 1. The score of the five main categories: housing, safety, physical space, people, and services, are multiplied by a multiplication factor which are derived from the Leefbarometer 2.0 and 3.0 (RIGO & Atlas voor Gemeenten, 2008; Atlas Research, 2021), and can be found in table A1.

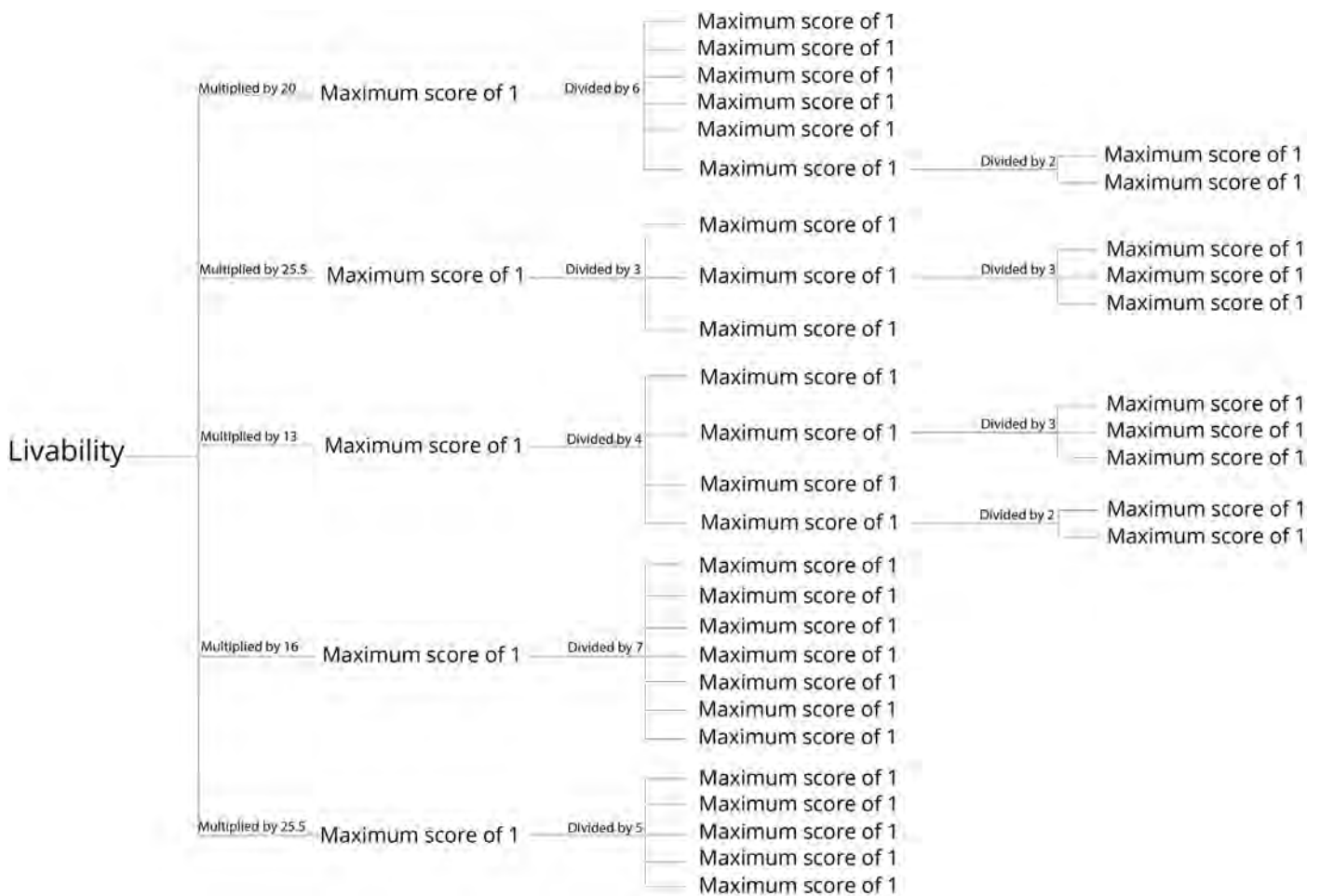


Image A1: Scoring system Livability

Table A1: Multiplication factors main categories

Category	Leefbarometer 2.0	Leefbarometer 3.0	Multiplication factor
Housing	18	22	20
Safety	24	27	25.5
Physical Environment	18	6	13
Demographics	15	17	16
Services	25	26	25.5

Sources: (RIGO & Atlas voor Gemeenten, 2008; Atlas Research, 2021)



## Scoring categories, subcategories, and sub-subcategories

However, not all data can directly be transformed into a score between 0 and 1, therefore, the data needs to be analyzed, and examined by certain thresholds, before it can transform into a score between 0 and 1. To transform this data, six different methods have been used: a percentage method, a grading method, a binary method, a gradient method, a range method, and a multi-criteria method.

### The categories

As a category consists out of multiple subcategories, the subcategories are added together, and thereafter, the average is taken from them. This creates the final score for the categories. After that, the categories can be multiplied by the multiplication factor of Table A1, to calculate their final contribution to the livability.

### The (sub-)subcategories

The format of the gathered data is not the same for all the (sub-)subcategories, therefore, some data needs to be analyzed, and examined by certain thresholds, before it can be converted into a score. Therefore, for calculating these scores, six different calculation methods have been used: percentage, grade, binary, gradient, range, and multi-criteria calculations. These calculation methods will be explained below. In table A2 the categories of livability can be found, as well as their scoring method, and the thresholds which have been used for certain scoring methods.

### Percentage method

The calculation method for percentage is simple, it is the percentage divided by 100, which results in a number between 1 and 0.

### Grade method

The grade calculation method is also straightforward. The provided data is a grade between 0 and 10, and to convert this to the maximum score of 1, the grade is divided by 10.

### Binary method

The binary calculation is also simple, however, a threshold is used for this calculation method. The threshold decides if a score is 0 or 1. This can be explained by an example of the sub-subcategory of Theft, where the threshold is decided according to the outcomes of the case studies (Table A3). For instance, the neighborhood of Bloemenplein has 6 thefts per 1000 inhabitants – which is below the average of 9 per 1000 inhabitants- which results in a score of 1. However, for instance, Elzent-Zuid has reported 32 thefts per 1000 inhabitants – which is above the average of 9 per 1000, and therefore receives a score of 0.

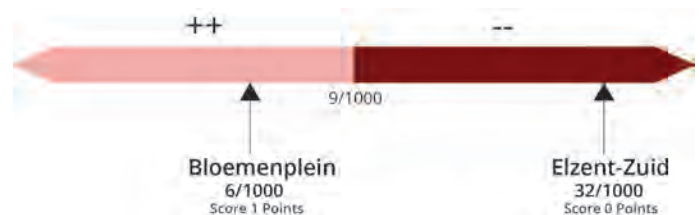


Image A2: An example of the binary calculation method

### Gradient Method

In a couple of subcategories, the score is depending on the division between two typologies, for instance in the subcategory of Diversity in housing typologies. This subcategory consists of two typologies: single-family housing, and multifamily housing, and therefore, the score is dependent on the division of these two typologies. Therefore, this calculation method is based on a gradient which indicates the division between the two typologies, where an equal balance receives a higher score (image 8). So for instance in the neighborhood of Blaarthem, the division is 52.3% single-family housing and 47.7% multifamily housing which results in a score

of 1. Though for instance, the neighborhood of Tempel has 86% single-family housing and 14% multi-family housing, which results in a score of 0.25.

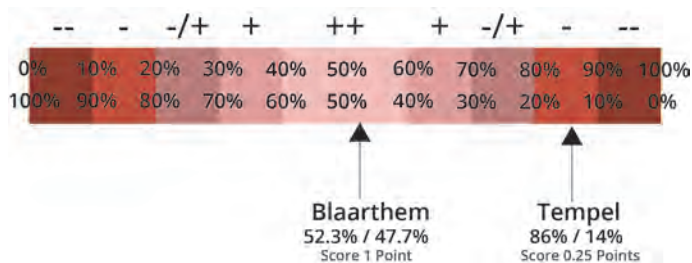


Image A3: An example of the gradient calculation method

### Range method

The fifth calculation method is called Range. This method assigns a certain score if the number falls within a certain range. So for instance the WOZ-value is a good example of this calculation method, which is also visualized in image 9. For instance, the neighborhood of Limbeek Noord has an average WOZ-value of €199.000,- which is below the €215.000,- range for scoring 0.25 points. Yet for instance, the neighborhood Genneperzijde has an average WOZ-value of €328.000,-, which falls in the range of €315.000,- and €365.000,- and therefore scores 0.75 points.



Image A4: An example of the range calculation method

### Multi-criteria method

And the last calculation method is the multi-criteria calculation, in which the subcategory needs to fulfill certain criteria to score a certain amount of points. This multi-criteria calculation is for instance used in the subcategory of Diversity in the period building. The subcategory consists of 4 typologies: houses built before 1945, houses built between 1945-1969, houses built between 1970-2000, and houses built after 2000.

These 4 typologies cover 100% of the housing stock of the neighborhood, and therefore, if one typology's share increases, the others will decrease. In image A5 this multi-criteria calculation can be seen, with the examples of Limbeek Zuid and Drents Dorp.

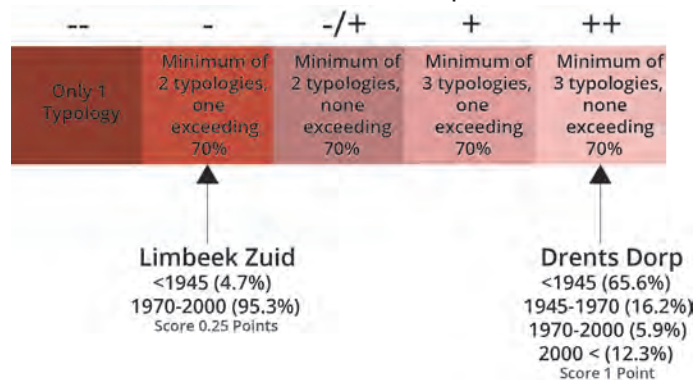


Image A5: An example of the multi-criteria calculation method

### Definition of Diversity

The number of typologies and the 70% originated from the definition of diversity used within this research. This definition is based on the fact that something is diverse when it is composed of distinct elements or qualities which differ from each other (Merriam-Webster, n.d.), and it is diverse when it includes representatives from more than one social, cultural, or economic group (Dictionary, n.d.). Therefore, a minimum of three typologies as chosen, as a base for diversity. Furthermore, as Dutch society is diverse (Elibol & Tielbeke, 2018) (Jenissen, Engbersen, Bokhorst, & Bovers, 2018), these national numbers can be used as a reference for the calculation method. The Dutch population is 75.8% native, 10.5% are Western immigrants, and 13.7% are non-western immigrants (Allecijfers, 2022). By transferring this to a calculation method, there is chosen to use 70% is the maximum of the most dominant typology.

The scoring for livability and the categories, subcategories and sub-subcategories can be found in the tables ... to ... and the images ... to ...

Table A2: Categories and their method of scoring

(Sub-)subcategory	Calculation method	Threshold	Calculation	Sources Data
Livability	Addition	Multiplication factors (Table A1)	(Score Housing x 20) + (Score Safety x 25.5) + (Score Physical Space x 13) + (Score People x 16) + (Score Services x 25.5)	
Housing	Average		(Score Diversity in Period built + score Diversity in Housing typologies + score Diversity in Housing ownership + score Occupied Houses + score WOZ-value + score Nuisance) / 5	(a)
Diversity in Period Built	Multi criteria	70% (b)	1 point: 3 typologies, none exceeding 70% 0.75 points: 3 typologies, one exceeding 70% 0.5 points: 2 typologies, none exceeding 70% 0.25 points: 2 typologies, one exceeding 70% 0 points: only one typology	(a)
Diversity in Housing typologies	Gradient	50/50 - 40/60	1 point: In between 50/50 and 60/40 ratio 0.75 points In between 60/40 and 70/30 ratio 0.5 points: In between 70/30 and 80/20 ratio 0.25 points: In between 80/20 and 90/10 ratio 0 points: In between 90/10 and 100/0 ratio	(a)
Diversity in Housing Ownership	Gradient	50/50 - 40/60	1 point: In between 50/50 and 60/40 ratio 0.75 points In between 60/40 and 70/30 ratio 0.5 points: In between 70/30 and 80/20 ratio 0.25 points: In between 80/20 and 90/10 ratio 0 points: In between 90/10 and 100/0 ratio	(a)
Occupied Houses	Percentage		Percentage of occupied houses / 100	(a)
WOZ-value Houses	Range	€365.000 (c)	1 point: €365.000 < WOZ-value 0.75 points: €315.000 < WOZ-value < €365.000 0.5 points: €265.000 < WOZ-value < €315.000 0.25 points: €215.000 < WOZ-value < €265.000 0 points: WOZ value < €215.000	(a)
Nuisance	Average		(Nuisance location + Nuisance neighbors) / 2	
Nuisance Location	Percentage		Percentage of people experiencing nuisance from the surroundings / 100	(a)
Nuisance Neighbors	Percentage		Percentage of people experiencing nuisance from neighbors / 100	(a)
Safety	Average			
Satisfaction criminality	Grade		Satisfaction criminality grade / 10	(a)
Crime Rates	Average		(Score crime rates theft + score Crime rates vandalism + score Crime rates violence) / 3	
Crime Rates Theft	Binary	9 incidents per 1000 inhabitants (Table A3)	1 point: Crime rates theft < 9/1000 0 points: Crime rates theft > 9/1000	(a)
Crime Rates Vandalism	Binary	5 incidents per 1000 inhabitants (Table A3)	1 point: Crime rates theft < 5/1000 0 points: Crime rates theft > 5/1000	(a)
Crime Rates Violence	Binary	6 incidents per 1000 inhabitants (Table A3)	1 point: Crime rates theft < 6/1000 0 points: Crime rates theft > 6/1000	(a)
Perceived Safety	Grade		Grade Perceived safety / 10	(a)
Physical Space	Average		(Score Density + score Infrastructure + score Mix of Functions + score Public space) / 4	
Density	Range	65 – 75 people per Hectare (Table A3)	1 point: 65 people/ha < Density < 75 people/ha 0.75 points: 55 people/ha < Density < 65 people/ha or 75 people/ha < Density < 85 people/ha 0.5 points: 45 people/ha < Density < 55 people/ha or 85 people/ha < Density < 95 people/ha 0.25 points: 35 people/ha < Density < 45 people/ha or 95 people/ha < Density < 105 people/ha 0 points: Density < 35 people/ha or 105 people/ha < Density	(a)
Infrastructure	Average		(Score Infrastructure bike + score Infrastructure pedestrian + score infrastructure Public transport) / 3	
Infrastructure Bike	Percentage		Percentage of people who prefer to ride the bike / 100	(a)
Infrastructure Pedestrian	Percentage		Percentage of people who prefer to walk / 100	(a)
Infrastructure Public Transport	Percentage		Percentage of people who prefer to use Public Transport / 100	(a)
Mix of Functions	Range	70-75% of the buildings is a Dwelling (b)	1 point: 70% < Percentage dwellings < 75% 0.75 points: 65% < Percentage dwellings < 70% or 75% < Percentage dwellings < 80% 0.5 points: 60% < Percentag dwellings < 65% or 80% < Percentage dwellings < 85% 0.25 points 55% < Percentage dwellings < 60% or 85% < Percentage dwellings < 90% 0 points: Percentage dwellings < 55% or 90% < Percentage dwellings	(a)
Public Space	Average		(Score Public space design + score public space maintenance) / 2	
Public Space Design	Grade		Grade of public space design / 10	(a)
Public Space Maintainance	Grade		Grade of public space maintainance / 10	(a)
People	Average		(Score Diversity in age + score Income + Score Employment rate + score Happiness rate + score Diversity in Ethnicity + score Health satisfaction + score Social cohesion) / 7	

Diversity in Age	Multi criteria	70% (b)	1 point: 3 typologies, none exceeding 70% 0.75 points: 3 typologies, one exceeding 70% 0.5 points: 2 typologies, none exceeding 70% 0.25 points: 2 typologies, one exceeding 70% 0 points: only one typology	(a)
Income	Range	€30.000 (Table A3)	1 point: €40.000 < Income 0.75 points: €35.000 < Income < €40.000 0.5 points: €30.000 < Income < €35.000 0.25 points: €25.000 < Income < €30.000 0 points: €20.000 < Income < €25.000	(a)
Employment Rate	Percentage		Percentage of people working / 100	(a)
Happiness rate	Percentage		Percentage of happy people / 100	(a)
Diversity in Ethnicity	Multi criteria	70% (b)	1 point: 3 typologies, none exceeding 70% 0.75 points: 3 typologies, one exceeding 70% 0.5 points: 2 typologies, none exceeding 70% 0.25 points: 2 typologies, one exceeding 70% 0 points: only one typology	(a)
Health Satisfaction	Percentage		Percentage of people who are satisfied with their health / 100	(a)
Social Cohesion	Grade		Social Cohesion grade / 10	(a)
Services	Average		(Score Distance to daily groceries + score Distance to Medical services + score Distance to train station + score Distance to hospital + score Distance to park) / 5	
Distance to daily groceries	Range	0.6 km (Table A3)	1 point: Distance ≤ 0.6 km 0.75 points: 0.6 km < Distance ≤ 1.1 km 0.5 points: 1.1 km < Distance ≤ 1.6 km 0.25 points: 1.6 km < Distance ≤ 2.1 km 0 points: 2.1 km < Distance	(a)
Distance to medical services	Range	1.0 km (Table A3)	1 point: Distance ≤ 1.0 km 0.75 points: 1.0 km < Distance ≤ 1.5 km 0.5 points: 1.5 km < Distance ≤ 2.0 km 0.25 points: 2.0 km < Distance ≤ 2.5 km 0 points: 2.5 km < Distance	(a)
Distance to train station	Range	1.9 km (Table A3)	1 point: Distance ≤ 1.9 km 0.75 points: 1.9 km < Distance ≤ 3.9 km 0.5 points: 3.9 km < Distance ≤ 5.9 km 0.25 points: 5.9 km < Distance ≤ 7.9 km 0 points: 7.9 km < Distance	(a)
Distance to hospital	Range	2.2 km (Table A3)	1 point: Distance ≤ 2.2 km 0.75 points: 2.2 km < Distance ≤ 4.2 km 0.5 points: 4.2 km < Distance ≤ 6.2 km 0.25 points: 6.2 km < Distance ≤ 8.2 km 0 points: 8.2 km < Distance	(a)
Distance to park	Range	2.0 km (Table A3)	1 point: Distance ≤ 0.5 km 0.75 points: 0.5 km < Distance ≤ 1.0 km 0.5 points: 1.0 km < Distance ≤ 1.5 km 0.25 points: 1.5 km < Distance ≤ 2.0 km 0 points: 2.0 km < Distance	(a)

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Table A3: Data from the case study about the Gouden Buurten

		Breda	Den Haag	Amsterdam	Utrecht	Groningen	Averages	Averages
		Beeldend	Bezuidehouthout	Buitenveldert	Oog in Al	Beilium	Case Studies	The Netherlands
Housing	Diversity Built	<1900 (1%), 1900-1925 (1%), 1925-1950 (53%), 1950-1970 (5%), 2000-2010 (11%), 2010-2020 (29%) (b)	<1900 (3%), 1900-1925 (22%), 1925-1950 (25%), 1950-1970 (16%), 1970-2000 (14%), 2000-2010 (7%), 2010-2020 (13%) (d)	<1900 (2%), 1900-1925 (1%), 1925-1950 (1%), 1950-1970 (73%), 1970-2000 (16%), 2000-2010 (6%), 2010-2020 (1%) (f)	1900-1925 (7%), 1925-1950 (66%), 1950-1970 (13%), 1970-2000 (2%), 2000-2010 (1%), 2010-2020 (11%) (i)	1970-2000 (98%), 2000-2010 (2%) (m,n)	Minimum of 6 time periods	
	Diversity housing typology	OF (63%), MF (37%) (b)	OF (7.4%), MF (87.1%), O (5.5%) (c)	OF (14%), MF (86%) (f)	OF (87%), MF (13%) (i)	OF (63%), MF (37%) (m,n)	OF (48%), MF (52%)	Average OF (64%), MF (36%) (q)
	Diversity Housing owned	RD (22%), RH (16%), BUY (62%) (b)	RD (37%), RH (16%), BUY (47%) (c)	RD (34%), RH (26%), BUY (39%) (f)	RD (10%), RH (2%), BUY (87%), O (1%) (f)	RD (9%), RH (43%), BUY (48%) (m,n)	Average Rental 43%, Buy 57%	Average Rental 42%, Buy 58% (q)
Safety	Satisfaction Safety			75%	74%		75%	82% (q)
	Crime rates	T: 3/1000, Va: 7/1000, Vi: 11/1000 (b)	T: 28/1000, Va: 5/1000, Vi: 4/1000 (d)	T: 5/1000, Va: 3/1000, Vi: 4/1000 (f)	T: 6/1000, Va: 3/1000, Vi: 3/1000 (i)	T: 4/1000, Va: 8/1000, Vi: 6/1000 (m,n)	Average: T: 9/1000, Va: 5/1000, Vi: 6/1000	
Physical Space	Density	P: 77, D: 32	P: 89, D: 52	P: 35, D: 21	P: 92, D: 32	P: 58, D: 29	P: 70, D: 33	
Demographics	Age Distribution	0-20 (23.9%), 20-40 (34.1%), 40-65 (31.2%), 65-80 (9.7%), 80+ (1.1%) (a)	0-15 (14%), 15-25 (12%), 25-45 (39%), 45-65 (23%), 65+ (12%) €	0-20 (17%), 20-40 (33%), 40-65 (27%), 65-80 (14%), 80+ (9%) (g)	0-15 (27%), 15-25 (11%), 25-45 (23%), 45-65 (29%), 65+ (10%) (j)	0-15 (17%), 15-25 (13%), 25-45 (28%), 45-65 (30%), 65+ (12%) (m,n)	0-15 (20%) 15-25 (13%), 25-45 (27%), 45-65 (28%), 65+ (12%)	Dutch Average: 0-15 (15%) 15-25 (12%), 25-45 (25%), 45-65 (28%), 65+ (20%) (q)
	Income	30800 (b)	32600 (c)	32800 (i)	34200 (j)	21000 (M+N)	30300	24000 (b,d)
	Ethnicity	N: (81.7%), W: (10.2%), N.W: (8.1%) (b)	N: (49%), W: (26.4%), N.W: (24.6%) (d)	N: (46.5%), W: (28.2%), N.W: (25.3%) (f)	N: (85.3%), W: (10.6%), N.W: (4.1%) (j)	N: (73.2%), W: (10.8%), N.W: (16%) (m,n)	N: (67.1%), W: (17.2%), N.W: (15.7%)	N: (75.8%), W: (10.5%), N.W: (13.7%) (q)
	Health Satisfaction	82.7% (a)	80.8% (c)	85% (f)	91% (j)	75% (M+N)	Average 82.9%	82% (q)
	Social Cohesion		5.9 (c)		6.8 (k)			
Services	Distances to daily groceries	0.5 (a)	0.3 (c)	0.5 (i)	0.3 (k)	1.5 (o,p)	0.6	0.9 (r)
	Distance to medical services	1.7 (a)	0.6 (c)	0.4 (i)	0.3 (k)	1.9 (o,p)	1	1 (t)
	Distance to hospital	3.2 (a)	3 €	1.4 (i)	1.2 (k)	4.6 (v)	2.7	5.5 (g)
	Distance to trainstation	0.6 (a)	0.80 €	1.5 (i)	2.0 (k)	4.7 (p)	1.9	5.1 (u)
General	Inwoners	4080 (b)	17198 (c)	13615 (f)	4345 (j)	12345 (m,n)		
	Woningen	1698 (b)	10030 (c)	7535 (f)	1494 (j)	6198 (m,n)		
	Size (ha)	53 (b)	193 (e)	355 (f)	47 (j)	214 (m,n)		

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Table A4: Scoring Livability

	Housing	Score	Safety	Score	Physical Space	Score	People	Score	Services	Score	Final Score
Achtse Barrier-Gunterslaer	0.57	11.40	0.85	21.68	0.54	7.02	0.82	13.12	0.55	14.03	67.24
Achtse Barrier-Hoeven	0.56	11.20	0.85	21.68	0.47	6.11	0.80	12.80	0.45	11.48	63.26
Achtse Barrier-Spaaihoef	0.55	11.00	0.86	21.93	0.41	5.33	0.85	13.60	0.40	10.20	62.06
Barrier	0.74	14.80	0.73	18.62	0.56	7.28	0.84	13.44	0.95	24.23	78.36
<b>BeA2</b>											
<b>Beemden</b>											
Bennekel-Oost	0.72	14.40	0.66	16.83	0.57	7.41	0.79	12.64	0.45	11.48	62.76
Bennekel-West, Gagelbosch	0.72	14.40	0.66	16.83	0.51	6.63	0.79	12.64	0.50	12.75	63.25
Bergen	0.68	13.60	0.60	15.30	0.81	10.53	0.92	14.72	0.70	17.85	72.00
Binnenstad	0.56	11.20	0.58	14.79	0.74	9.62	0.87	13.92	0.80	20.40	69.93
Blaarthem	0.76	15.20	0.53	13.52	0.65	8.45	0.79	12.64	0.40	10.20	60.01
Blixembosch-Oost	0.61	12.20	0.90	22.95	0.51	6.63	0.93	14.88	0.55	14.03	70.69
Blixembosch-West	0.61	12.20	0.90	22.95	0.45	5.85	0.90	14.40	0.55	14.03	69.43
Bloemenplein	0.71	14.20	0.63	16.07	0.60	7.80	0.80	12.80	0.55	14.03	64.89
<b>Bokt</b>											
Bosrijck	0.57	11.40	0.89	22.70	0.47	6.11	0.75	12.00	0.35	8.93	61.13
Burghplan	0.72	14.40	0.60	15.30	0.59	7.67	0.79	12.64	0.45	11.48	61.49
<b>Castilliaaan</b>											
Doornakkers-Oost	0.63	12.60	0.78	19.89	0.56	7.28	0.74	11.84	0.50	12.75	64.36
Doornakkers-West	0.72	14.40	0.76	19.38	0.56	7.28	0.78	12.48	0.65	16.58	70.12
Dreuts Dorp	0.56	11.20	0.74	18.87	0.51	6.63	0.80	12.80	0.65	16.58	66.08
Driehoeksbos	0.78	15.60	0.63	16.07	0.44	5.72	0.88	14.08	0.70	17.85	69.32
Eckart	0.70	14.00	0.75	19.13	0.60	7.80	0.81	12.96	0.70	17.85	71.74
<b>Eckardal</b>											
Eikenburg	0.77	15.40	0.89	22.70	0.49	6.37	0.91	14.56	0.35	8.93	67.95
<b>Eindhoven Airport</b>											
Eliasterrein, Vanderkwartier	0.79	15.80	0.74	18.87	0.49	6.37	0.86	13.76	0.65	16.58	71.38
Elzent-Noord	0.85	17.00	0.77	19.64	0.75	9.75	0.93	14.88	0.70	17.85	79.12
Elzent-Zuid	0.84	16.80	0.77	19.64	0.56	7.28	0.76	12.16	0.50	12.75	68.63
Engelsbergen	0.76	15.20	0.63	16.07	0.55	7.15	0.90	14.40	0.60	15.30	68.12
<b>Esp</b>											
<b>Fellenoord</b>											
Flight Forum											
Genderbeemd	0.55	11.00	0.74	18.87	0.45	5.85	0.85	13.60	0.55	14.03	63.35
Genderdal	0.68	13.60	0.56	14.28	0.50	6.50	0.78	12.48	0.45	11.48	58.34
Generalenbuurt	0.82	16.40	0.81	20.66	0.59	7.67	0.79	12.64	0.90	22.95	80.32
<b>Genneep</b>											
Genneperzijde	0.81	16.20	0.88	22.44	0.56	7.28	0.90	14.40	0.45	11.48	71.80
Gerardusplein	0.76	15.20	0.87	22.19	0.74	9.62	0.87	13.92	0.45	11.48	72.40
Gijzenrooi	0.57	11.40	0.88	22.44	0.46	5.98	0.90	14.40	0.35	8.93	63.15
Gildebuurt	0.71	14.20	0.48	12.24	0.54	7.02	0.78	12.48	0.90	22.95	68.89
Grasrijck	0.70	14.00	0.89	22.70	0.53	6.89	0.93	14.88	0.30	7.65	66.12
Hagenkamp	0.60	12.00	0.64	16.32	0.49	6.37	0.83	13.28	0.50	12.75	60.72
Hanevoet	0.57	11.40	0.87	22.19	0.56	7.28	0.84	13.44	0.70	17.85	72.16
Heesterakker	0.36	7.20	0.88	22.44	0.46	5.98	0.86	13.76	0.35	8.93	58.31
Hemelrijken	0.62	12.40	0.59	15.05	0.42	5.46	0.75	12.00	0.90	22.95	67.86
<b>Herdgang</b>											
Het Ven	0.72	14.40	0.75	19.13	0.53	6.89	0.80	12.80	0.60	15.30	68.52
<b>Hondsheuvels</b>											
<b>Hurk</b>											
Irisbuurt	0.84	16.80	0.65	16.58	0.68	8.84	0.88	14.08	0.70	17.85	74.15
Jagershoef	0.60	12.00	0.57	14.54	0.49	6.37	0.74	11.84	0.80	20.40	65.15
Joriskwartier	0.79	15.80	0.76	19.38	0.63	8.19	0.81	12.96	0.45	11.48	67.81
<b>Kapelbeemd</b>											
Karpen	0.63	12.60	0.67	17.09	0.59	7.67	0.76	12.16	0.60	15.30	64.82
Kerkdorp Acht	0.59	11.80	0.91	23.21	0.40	5.20	0.90	14.40	0.35	8.93	63.53
Kerstroosplein	0.63	12.60	0.85	21.68	0.60	7.80	0.80	12.80	0.45	11.48	66.35
Koudenhoven	0.47	9.40	0.89	22.70	0.46	5.98	0.76	12.16	0.45	11.48	61.71
Kronehoef	0.62	12.40	0.54	13.77	0.57	7.41	0.78	12.48	1.00	25.50	71.56
Kruidenbuurt	0.72	14.40	0.86	21.93	0.39	5.07	0.70	11.20	0.45	11.48	64.08
Lakerlofen	0.76	15.20	0.61	15.56	0.72	9.36	0.79	12.64	0.75	19.13	71.88
<b>Leenderheide</b>											
Lievendaal	0.69	13.80	0.83	21.17	0.45	5.85	0.83	13.28	0.55	14.03	68.12
Limbeek-Noord	0.45	9.00	0.63	16.07	0.57	7.41	0.77	12.32	0.95	24.23	69.02
Limbeek-Zuid	0.58	11.60	0.52	13.26	0.50	6.50	0.76	12.16	0.80	20.40	63.92
Loolakkers	0.66	13.20	0.65	16.58	0.56	7.28	0.85	13.60	0.55	14.03	64.68
Luytelaer	0.44	8.80	0.86	21.93	0.41	5.33	0.75	12.00	0.60	15.30	63.36
<b>Meerbos</b>											
Meerrijck	0.69	13.80	0.84	21.42	0.40	5.20	0.91	14.56	0.80	20.40	75.38
Mensfort	0.77	15.40	0.68	17.34	0.63	8.19	0.78	12.48	1.00	25.50	78.91
<b>Mispelhoef</b>											
Muschberg, Geestenbergh	0.69	13.80	0.71	18.11	0.57	7.41	0.80	12.80	0.40	10.20	62.32
Nieuwe Erven	0.64	12.80	0.76	19.38	0.68	8.84	0.80	12.80	0.45	11.48	65.30
Ooievaarsnest	0.49	9.80	0.87	22.19	0.44	5.72	0.77	12.32	0.65	16.58	66.60
Oude Gracht-Oost	0.57	11.40	0.85	21.68	0.46	5.98	0.89	14.24	0.65	16.58	69.87
Oude Gracht-West	0.82	16.40	0.73	18.62	0.59	7.67	0.78	12.48	0.80	20.40	75.57
Oude Spoorbaan	0.73	14.60	0.75	19.13	0.64	8.32	0.86	13.76	0.55	14.03	69.83
Oude Toren	0.69	13.80	0.72	18.36	0.60	7.80	0.79	12.64	0.90	22.95	75.55
<b>Park Forum</b>											
Philipsdorp	0.72	14.40	0.62	15.81	0.73	9.49	0.77	12.32	0.75	19.13	71.15
<b>Poeijers</b>											
Prinsejagt	0.77	15.40	0.74	18.87	0.44	5.72	0.66	10.56	0.85	21.68	72.23
Puttense Dreef	0.74	14.80	0.88	22.44	0.46	5.98	0.93	14.88	0.40	10.20	68.30
Rapelenburg	0.80	16.00	0.53	13.52	0.65	8.45	0.84	13.44	0.50	12.75	64.16
Rapenland	0.81	16.20	0.57	14.54	0.45	5.85	0.78	12.48	0.95	24.23	73.29
<b>Riel</b>											
Rochusbuurt	0.67	13.40	0.76	19.38	0.50	6.50	0.81	12.96	0.70	17.85	70.09
Roosten	0.56	11.20	0.89	22.70	0.62	8.06	0.81	12.96	0.35	8.93	63.84
Schoot	0.60	12.00	0.75	19.13	0.53	6.89	0.81	12.96	0.70	17.85	68.83
Schouwbroek	0.81	16.20	0.62	15.81	0.66	8.58	0.84	13.44	0.60	15.30	69.33
Schrijversbuurt	0.85	17.00	0.64	16.32	0.76	9.88	0.86	13.76	0.60	15.30	72.26
Schuttersbosch	0.77	15.40	0.77	19.64	0.39	5.07	0.93	14.88	0.35	8.93	63.91
Sintenbuurt	0.64	12.80	0.71	18.11	0.65	8.45	0.79	12.64	0.50	12.75	64.75
<b>Sportpark Aalsterweg</b>											
Strijp S	0.33	6.60	0.66	16.83	0.55	7.15	0.74	11.84	0.75	19.13	61.55
't Hofke	0.77	15.40	0.71	18.11	0.38	4.94	0.79	12.64	0.50	12.75	63.84
't Hooi	0.60	12.00	0.64	16.32	0.61	7.93	0.78	12.48	0.70	17.85	66.58
Tempel	0.70	14.00	0.70	17.85	0.42	5.46	0.75	12.00	0.70	17.85	67.16
Tivoli	0.56	11.20	0.71	18.11	0.53	6.89	0.74	11.84	0.40	10.20	58.24
Tongelresche Akkers	0.67	13.40	0.67	17.09	0.43	5.59	0.90	14.40	0.45	11.48	61.95
Tuindorp	0.85	17.00	0.88	22.44	0.61	7.93	0.88	14.08	0.55	14.03	75.48
<b>TU-terrein</b>											
<b>Urkhoven</b>											
Vaartbroek	0.68	13.60	0.69	17.60	0.46	5.98	0.75	12.00	0.50	12.75	61.93
Villapark	0.93	18.60	0.78	19.89	0.65	8.45	0.93	14.88	0.75	19.13	80.95
Vlokhoven	0.72	14.40	0.65	16.58	0.55	7.15	0.69	11.04	0.75	19.13	68.29
<b>Vredeoord</b>											
Waterrijck	0.56	11.20	0.84	21.42	0.52	6.76	0.91	14.56	0.25	6.38	60.32
Wielewaal											
Winkelcentrum	0.51	10.20	0.53	13.52	0.67	8.71	0.86	13.76	0.80	20.40	66.59
Witte Dame	0.48	9.60	0.60	15.30	0.56	7.28	0.92	14.72	0.75	19.13	66.03
Woenselse Heide	0.64	12.80	0.81	20.66	0.62	8.06	0.79	12.64	0.70	17.85	72.01
Woenselse Watermolen	0.45	9.00	0.72	18.36	0.54	7.02	0.92	14.72	0.90	22.95	72.05
Woensel-West	0.62	12.40	0.56	14.28	0.71	9.23	0.80	12.80	0.75	19.13	67.84
Zandrijck	0.61	12.20	0.89	22.70	0.59	7.67	0.93	14.88	0.35	8.93	66.37
Zwaanstraat	0.60	12.00	0.63	16.07	0.45	5.85	0.92	14.72	0.70	17	

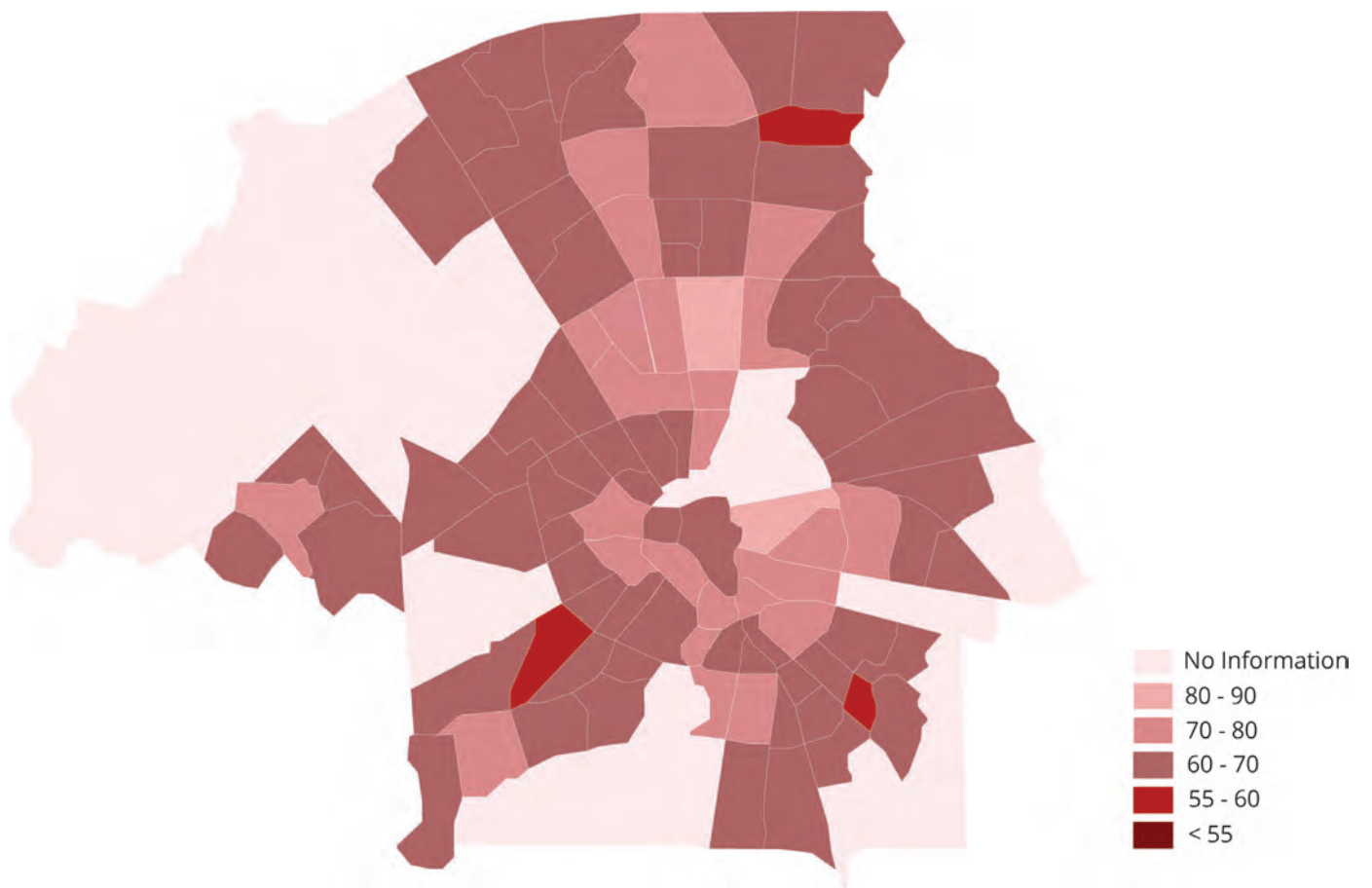


Image A6: Score Livability



# Housing

Table A5: Scoring housing

	Diversity in Year Built	Diversity in Typology	Diversity in Ownership	Occupied houses	WOZ-value	Nuisance	Total Score
Achte Barrier-Gunteslaer	0.75	0.00	0.50	0.99	0.50	0.67	0.57
Achte Barrier-Hoeven	0.25	0.25	0.75	0.99	0.50	0.59	0.56
Achte Barrier-Spaalhoef	0.75	0.00	0.25	0.98	0.75	0.59	0.55
Barrier	1.00	0.25	1.00	0.98	0.50	0.68	0.74
BeaZ	-	-	-	-	-	-	-
Beemden	-	-	-	-	-	-	-
Bennekel-Oost	1.00	0.75	0.75	0.96	0.25	0.62	0.72
Bennekel-West, Gagebosch	1.00	0.75	0.75	0.96	0.25	0.62	0.72
Bergen	1.00	0.25	0.75	0.81	0.75	0.52	0.68
Binnenstad	1.00	0.00	0.50	0.84	0.50	0.54	0.56
Blarthem	1.00	1.00	0.75	0.98	0.25	0.60	0.76
Blisembosch-Oost	0.75	0.00	0.25	0.98	1.00	0.67	0.61
Blisembosch-West	0.75	0.00	0.25	0.99	1.00	0.67	0.61
Bloemenplein	1.00	1.00	0.50	0.94	0.25	0.58	0.71
Bokt	-	-	-	-	-	-	-
Bosrijk	0.75	0.00	0.00	0.98	1.00	0.70	0.57
Burghplan	0.75	0.75	1.00	0.98	0.25	0.61	0.72
Castillelaan	-	-	-	-	-	-	-
Doornakkers-Oost	0.75	0.75	0.50	0.97	0.25	0.58	0.63
Doornakkers-West	1.00	0.50	1.00	0.97	0.25	0.58	0.72
Drents Dorp	1.00	0.25	0.25	0.99	0.25	0.65	0.56
Driehoeksbos	1.00	0.50	0.50	0.99	1.00	0.68	0.78
Eekart	0.75	0.75	0.75	0.97	0.25	0.72	0.70
Eekartdal	-	-	-	-	-	-	-
Eikenburg	1.00	0.50	0.50	0.97	1.00	0.66	0.77
Eindhoven Airport	-	-	-	-	-	-	-
Elastertuin, Vonderkwartier	1.00	1.00	0.50	0.96	0.75	0.55	0.79
Elzent-Noord	1.00	0.50	1.00	0.94	1.00	0.65	0.85
Elzent-Zuid	1.00	1.00	0.50	0.90	1.00	0.65	0.84
Engelsbergen	1.00	0.50	0.50	0.98	1.00	0.55	0.76
Esp	-	-	-	-	-	-	-
Fellenoord	-	-	-	-	-	-	-
Flight Forum	-	-	-	-	-	-	-
Geandereemd	0.00	0.50	0.75	0.99	0.50	0.57	0.55
Gendertal	0.75	1.00	0.50	0.97	0.25	0.62	0.68
Generalebuurt	1.00	1.00	1.00	0.99	0.25	0.69	0.82
Gennep	-	-	-	-	-	-	-
Genneperzijde	1.00	0.50	1.00	0.94	0.75	0.65	0.81
Gerardusplein	1.00	0.50	0.75	0.97	0.75	0.61	0.76
Gijzenrooi	0.25	0.00	0.50	0.98	1.00	0.70	0.57
Gildestraat	1.00	0.75	0.75	0.94	0.25	0.55	0.71
Grasrijk	0.75	0.25	0.50	0.98	1.00	0.73	0.70
Hagenkamp	1.00	0.50	0.25	0.96	0.25	0.65	0.60
Hanevoet	0.25	0.25	1.00	0.99	0.25	0.68	0.57
Heesterakker	0.00	0.00	0.00	0.98	0.50	0.67	0.36
Hemelrijken	1.00	0.75	0.25	0.91	0.25	0.55	0.62
Herdgang	-	-	-	-	-	-	-
Het Van	1.00	0.50	1.00	0.96	0.25	0.61	0.72
Hondsheuvels	-	-	-	-	-	-	-
Hurk	-	-	-	-	-	-	-
Irisbuurt	1.00	1.00	1.00	0.93	0.50	0.63	0.84
Jagershoef	0.25	0.75	0.75	0.99	0.25	0.61	0.60
Joriskwartier	1.00	1.00	0.75	0.94	0.50	0.53	0.79
Kapelbeemd	-	-	-	-	-	-	-
Karpen	0.75	0.50	0.00	0.90	1.00	0.62	0.63
Kerkdorp Acht	0.75	0.00	0.25	0.97	1.00	0.56	0.59
Kerstroosplein	1.00	0.25	0.75	0.97	0.25	0.58	0.63
Koudenhoven	0.25	0.00	0.00	0.96	1.00	0.62	0.47
Kronehoef	1.00	0.75	0.25	0.92	0.25	0.57	0.62
Kruidenbuurt	1.00	0.25	1.00	0.96	0.50	0.62	0.72
Lakerloopen	1.00	1.00	0.75	0.97	0.25	0.58	0.76
Laenderheide	-	-	-	-	-	-	-
Lievendal	0.75	0.75	0.75	0.98	0.25	0.64	0.69
Limbeek-Noord	0.75	0.25	0.25	0.97	0.00	0.50	0.45
Limbeek-Zuid	0.25	1.00	0.50	0.98	0.25	0.50	0.58
Loolakkers	1.00	0.25	0.75	0.91	0.50	0.53	0.66
Luytelaar	0.00	0.00	0.00	0.98	1.00	0.67	0.44
Meerbos	-	-	-	-	-	-	-
Meerwijk	0.00	0.75	1.00	0.98	0.75	0.68	0.69
Mansfort	0.75	1.00	1.00	0.97	0.25	0.65	0.77
Mispelhof	-	-	-	-	-	-	-
Muschberg, Geestenberg	0.75	0.50	1.00	0.98	0.25	0.63	0.69

Nieuwe Erven	0.75	1.00	0.25	0.98	0.25	0.63	0.64
Olievaarsnest	0.25	0.00	0.00	0.98	1.00	0.68	0.49
Oude Gracht-Oost	0.75	0.00	0.00	0.98	1.00	0.67	0.57
Oude Gracht-West	1.00	1.00	1.00	0.97	0.25	0.67	0.82
Oude Spoorbaan	1.00	0.75	0.75	0.97	0.25	0.65	0.73
Oude Toren	1.00	0.50	0.75	0.97	0.25	0.68	0.69
Park Forum	-	-	-	-	-	-	-
Philipsdorp	1.00	1.00	0.25	0.96	0.50	0.62	0.72
Poeijers	-	-	-	-	-	-	-
Prinsejagt	1.00	0.75	1.00	0.98	0.25	0.63	0.77
Puttense Dreef	1.00	0.00	0.75	0.98	1.00	0.70	0.74
Rapenburg	1.00	1.00	1.00	0.94	0.25	0.60	0.80
Rapenburg	1.00	1.00	1.00	0.98	0.25	0.65	0.81
Riel	-	-	-	-	-	-	-
Rochusbuurt	1.00	0.50	0.75	0.96	0.25	0.53	0.67
Roosten	0.75	0.00	0.00	0.97	1.00	0.66	0.56
Schoot	1.00	0.75	0.25	0.76	0.25	0.61	0.60
Schouwbroek	1.00	1.00	1.00	0.97	0.25	0.62	0.81
Schrijversbuurt	1.00	0.75	0.75	0.97	1.00	0.65	0.85
Schuttersbosch	1.00	0.00	1.00	0.94	1.00	0.70	0.77
Sintenbuurt	0.75	0.25	0.75	0.96	0.50	0.61	0.64
Sportpark Aalsterweg	-	-	-	-	-	-	-
Strijp S	0.00	0.00	0.00	0.92	0.50	0.55	0.33
't Hofke	1.00	1.00	0.75	0.98	0.25	0.63	0.77
't Hool	0.00	1.00	0.75	0.98	0.25	0.61	0.60
Tempel	1.00	0.25	1.00	0.98	0.25	0.72	0.70
Tivoli	1.00	0.50	0.00	0.99	0.25	0.61	0.56
Tongelresche Akkers	0.25	0.50	0.75	0.96	1.00	0.58	0.67
Tuindorp	1.00	0.75	1.00	0.96	0.75	0.63	0.85
TU-terrein	-	-	-	-	-	-	-
Urkhoven	-	-	-	-	-	-	-
Vaartbroek	0.75	0.75	0.75	0.98	0.25	0.61	0.68
Villapark	1.00	1.00	1.00	0.94	1.00	0.62	0.93
Vlokhoven	1.00	0.75	0.75	0.98	0.25	0.58	0.72
Vredeoord	-	-	-	-	-	-	-
Waterrijk	0.00	0.25	0.50	0.94	1.00	0.68	0.56
Wielawaal	-	-	-	-	-	-	-
Winkelcentrum	0.50	0.00	0.75	0.95	0.25	0.61	0.51
Witte Dame	0.75	0.00	0.25	0.88	0.50	0.52	0.48
Woenselse Heide	0.75	0.25	1.00	0.97	0.25	0.64	0.64
Woenselse Watermolen	0.00	0.75	0.00	0.98	0.25	0.69	0.45
Woensel-West	1.00	0.50	0.50	0.94	0.25	0.54	0.62
Zandrijk	0.25	0.25	0.50	0.98	1.00	0.70	0.61
Zwaanstraat	0.25	0.25	0.50	0.96	1.00	0.65	0.60

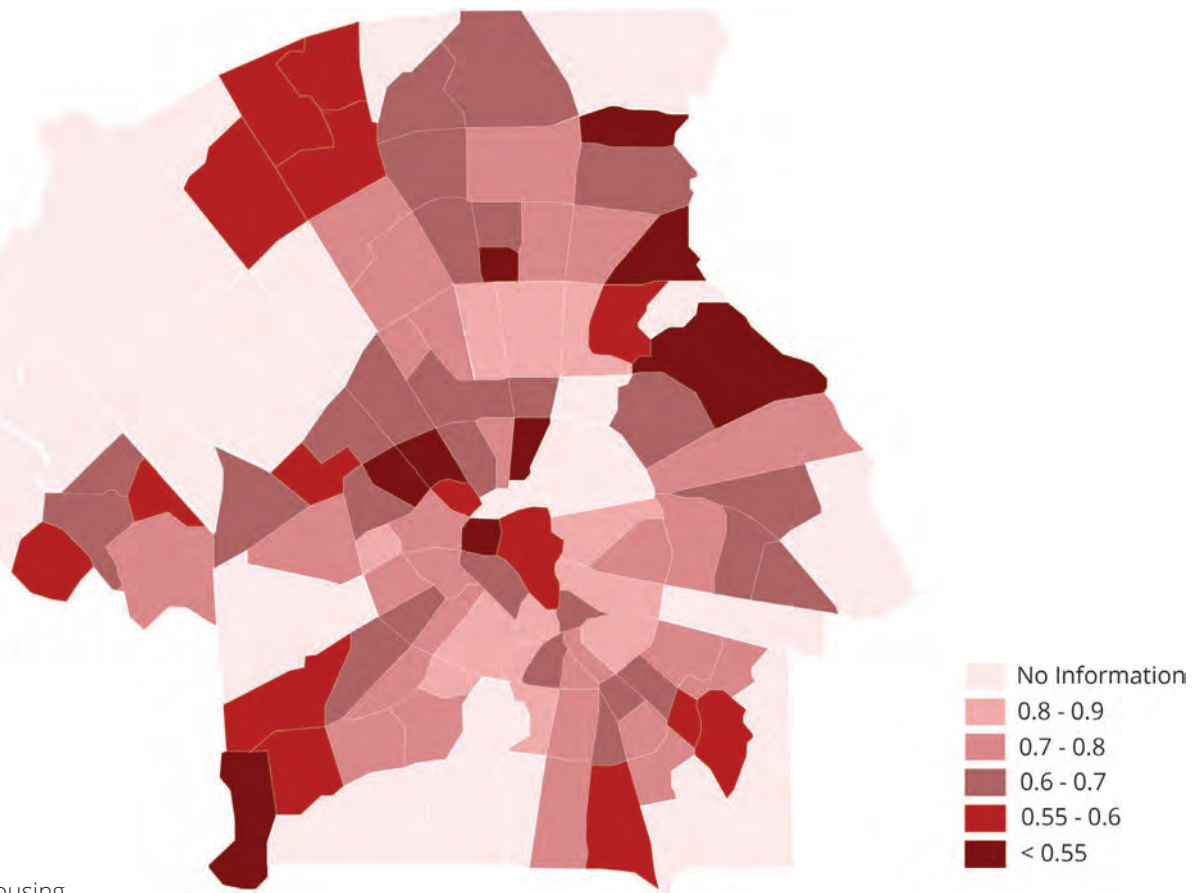


Image A7: Score housing

# Diversity in Period Built

Table A6: Scoring diversity in period built

	Houses built before 1945	Houses built between 1945-1969	Houses built between 1970-2000	Houses built after 2000	Number of houses	Score
Achtse Barrier-Gunterslaer	18	5	1562	2	1587	0.75
Achtse Barrier-Hoeven	1	0	1740	0	1741	0.25
Achtse Barrier-Spaaihoef	4	3	1875	4	1886	0.75
Barrier	283	209	22	383	897	1
BeA2	-	-	-	-	-	-
Beemden	-	-	-	-	-	-
Bennekel-Oost	365	851	172	253	1641	1
Bennekel-West, Gagelbosch	50	950	280	421	1701	1
Bergen	552	44	840	186	1622	1
Binnenstad	317	336	966	656	2275	1
Blaarthem	180	744	335	34	1293	1
Blixembosch-Oost	22	1	2066	624	2653	0.75
Blixembosch-West	1	0	769	2	772	0.75
Bloemenplein	325	119	171	25	640	1
Bokt	-	-	-	-	-	-
Bosrijk	1	4	0	155	160	0.75
Burghplan	0	1295	153	44	1492	0.75
Castillélaan	-	-	-	-	-	-
Doornakkers-Oost	0	1041	202	204	1447	0.75
Doornakkers-West	619	665	336	52	1672	1
Drents Dorp	751	186	68	140	1145	1
Driehoeksbos	16	1	242	149	408	1
Eckart	1	1465	594	0	2060	0.75
Eckartdal	-	-	-	-	-	-
Eikenburg	215	281	148	5	649	1
Eindhoven Airport	-	-	-	-	-	-
Eliasterrein, Vonderkwartier	583	49	766	18	1416	1
Elzent-Noord	150	21	307	92	570	1
Elzent-Zuid	61	34	0	56	151	1
Engelsbergen	66	47	135	32	280	1
Esp	-	-	-	-	-	-
Fellenoord	-	-	-	-	-	-
Flight Forum	-	-	-	-	-	-
Genderbeemd	2	0	1574	77	1653	0
Gendardal	0	1232	206	138	1576	0.75
Generalenbuurt	62	1285	1162	156	2665	1
Gennep	-	-	-	-	-	-
Gennepzijdje	138	269	214	167	788	1
Gerardusplein	757	229	122	344	1452	1
Gijzenrooi	0	0	726	5	731	0.25
Gildebuurt	220	327	321	70	938	1
Grasrijk	6	3	1	2208	2218	0.75
Hagenkamp	0	496	203	85	784	1
Hanevoet	0	0	1672	1	1673	0.25
Heesterakker	0	0	1078	0	1078	0
Hemelrijken	214	103	958	643	1918	1
Herdgang	-	-	-	-	-	-
Het Ven	700	869	260	83	1912	1
Hondsheuvels	-	-	-	-	-	-
Hurk	-	-	-	-	-	-
Irisbuurt	339	109	529	301	1278	1
Jagershoef	0	1494	250	0	1744	0.25
Joriskwartier	232	113	213	93	651	1
Kapelbeemd	-	-	-	-	-	-
Karpen	0	32	169	12	213	0.75
Kerkdorp Acht	120	27	1280	42	1469	0.75
Kerstroosplein	559	333	7	0	899	1
Koudenhoven	12	0	210	0	222	0.25

Kronehoef	211	854	1124	338	2527	1
Kruidenbuurt	710	17	0	616	1343	1
Lakerloopen	405	419	254	533	1611	1
Leenderheide	-	-	-	-	-	-
Lievendaal	22	1154	142	267	1585	0.75
Limbeek-Noord	167	667	304	239	1377	0.75
Limbeek-Zuid	37	0	750	0	787	0.25
Loolakkers	75	132	101	95	403	1
Luytelaer	0	0	428	0	428	0
Meerbos	-	-	-	-	-	-
Meerrijk	0	0	0	472	472	0
Mensfort	6	1284	96	192	1578	0.75
Mispelhoef	-	-	-	-	-	-
Muschberg, Geestenberg	160	72	1620	50	1902	0.75
Nieuwe Erven	94	400	3	64	561	0.75
Ooievaarsnest	1	0	364	0	365	0.25
Oude Gracht-Oost	1	491	68	1	561	0.75
Oude Gracht-West	0	406	603	124	1533	1
Oude Spoorbaan	258	846	398	173	1275	1
Oude Toren	127	42	726	144	1039	1
Park Forum	-	-	-	-	-	-
Philipsdorp	771	13	218	759	1761	1
Poeljers	-	-	-	-	-	-
Prinsejagt	49	1336	716	282	2383	1
Puttense Dreef	2	244	59	218	523	1
Rapelenburg	162	107	41	289	599	1
Rapenland	40	570	418	164	1192	1
Riel	-	-	-	-	-	-
Rochusbuurt	279	158	508	18	963	1
Roosten	0	1	237	17	255	0.75
Schoot	941	125	674	426	2166	1
Schouwbroek	218	5	542	20	785	1
Schrijversbuurt	732	382	307	170	1591	1
Schuttersbosch	0	94	50	168	312	1
Sintebuurt	79	714	41	60	894	0.75
Sportpark Aalsterweg	-	-	-	-	-	-
Strijp S	0	0	0	1312	1312	0
't Hofke	151	434	956	335	1876	1
't Hool	0	0	1029	0	1029	0
Tempel	0	976	1326	36	2338	1
Tivoli	433	254	69	63	819	1
Tongelresche Akkers	0	1	0	645	646	0.25
Tuindorp	345	586	323	172	1426	1
TU-terrein	-	-	-	-	-	-
Urkhoven	-	-	-	-	-	-
Vaartbroek	0	1815	547	131	2493	0.75
Villapark	540	46	133	413	1132	1
Viokhoven	47	833	815	1	1696	1
Vredeoord	-	-	-	-	-	-
Waterrijk	0	0	0	903	903	0
Wielewaal	-	-	-	-	-	-
Winkelcentrum	0	0	295	180	475	0.5
Witte Dame	41	0	818	786	1645	0.75
Woenselse Heide	0	630	1540	24	2194	0.75
Woenselse Watermolen	0	0	652	0	652	0
Woensel-West	837	258	252	688	2035	1
Zandrijk	0	0	149	994	1143	0.25
Zwaanstraat	0	20	0	454	474	0.25

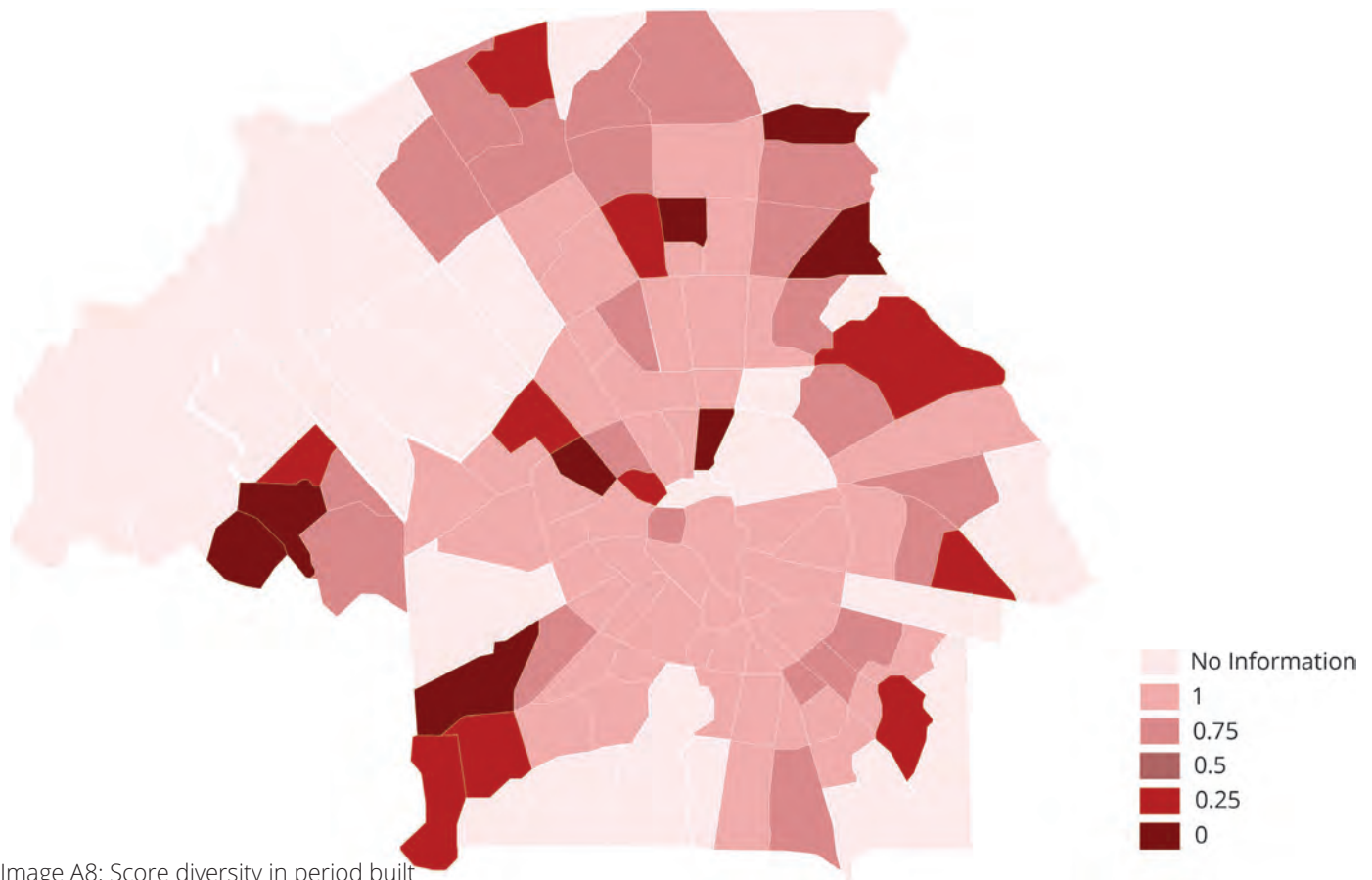


Image A8: Score diversity in period built

# Diversity in Housing Typologies

Table A7: Scoring diversity in housing typologies

	One-family houses	Multi-family houses	Number of houses	Score
Achtse Barrier-Gunterslaer	1468	119	1587	0.00
Achtse Barrier-Hoeven	1474	267	1741	0.25
Achtse Barrier-Spaaihoef	1803	83	1886	0.00
Barrier	733	164	897	0.25
BeA2	-	-	-	-
Beemden	-	-	-	-
Bennekel-Oost	1032	609	1641	0.75
Bennekel-West, Gagelbosch	1093	608	1701	0.75
Bergen	233	1389	1622	0.25
Binnenstad	140	2135	2275	0.00
Blaarthem	685	608	1293	1.00
Blixembosch-Oost	2428	225	2653	0.00
Blixembosch-West	772	0	772	0.00
Bloemenplein	372	268	640	1.00
Bokt	-	-	-	-
Bosrijk	160	0	160	0.00
Burghplan	941	551	1492	0.75
Castiljelaan	-	-	-	-
Doornakkers-Oost	985	462	1447	0.75
Doornakkers-West	1252	420	1672	0.50
Dreuts Dorp	1001	144	1145	0.25
Driehoeksbos	324	84	408	0.50
Eckart	1279	781	2060	0.75
Eckartdal	-	-	-	-
Eikenburg	485	164	649	0.50
Eindhoven Airport	-	-	-	-
Elasterrein, Vanderkwartier	800	616	1416	1.00
Elzert-Noord	165	405	570	0.50
Elzert-Zuid	74	77	151	1.00
Engelsbergen	203	77	280	0.50
Esp	-	-	-	-
Fellenoord	-	-	-	-
Flight Forum	-	-	-	-
Genderbeemd	1229	424	1653	0.50
Genderdal	729	847	1576	1.00
Generalenbuurt	1543	1122	2665	1.00
Gennep	-	-	-	-
Gennepzijdje	235	553	788	0.50
Gerardusplein	1135	317	1452	0.50
Gijzenrooi	717	14	731	0.00
Gildebuurt	296	642	938	0.75
Grasrijk	1789	429	2218	0.25
Hagenkamp	210	574	784	0.50
Hanevoet	1419	254	1673	0.25
Heesterakker	1076	2	1078	0.00
Hemelrijken	706	1212	1918	0.75
Herdgang	-	-	-	-
Het Ven	1447	465	1912	0.50
Hondsheuvels	-	-	-	-
Hurk	-	-	-	-
Irisbuurt	657	621	1278	1.00
Jagershoef	1136	608	1744	0.75
Joriskwartier	327	324	651	1.00
Kapelbeemd	-	-	-	-
Karpen	168	45	213	0.50
Kerkdorp Acht	1324	145	1469	0.00
Kerstroosplein	779	120	899	0.25
Koudenhoven	222	0	222	0.00
Kronehoef	882	1645	2527	0.75
Kruidentbuurt	1192	151	1343	0.25
Lakerloopen	924	687	1611	1.00
Leenderheide	-	-	-	-
Lievendaal	1107	478	1585	0.75
Limbeek-Noord	267	1110	1377	0.25
Limbeek-Zuid	357	430	787	1.00
Looiakkers	45	358	403	0.25
Luytelaar	428	0	428	0.00
Meerbos	-	-	-	-
Meerrijk	52	420	472	0.75
Mensfort	860	718	1578	1.00
Mispelhoef	-	-	-	-
Muschberg, Geestenberg	1433	469	1902	0.50
Nieuwe Erven	304	257	561	1.00
Ooievaarsnest	363	2	365	0.00
Oude Gracht-Oost	560	1	561	0.00
Oude Gracht-West	705	828	1533	1.00
Oude Spoorbaan	491	784	1275	0.75
Oude Toren	250	789	1039	0.50
Park Forum	-	-	-	-
Philipsdorp	825	936	1761	1.00
Poeijers	-	-	-	-
Prinsejagt	1462	921	2383	0.75
Puttense Dreef	487	36	523	0.00
Rapenburg	317	282	599	1.00
Rapenland	587	605	1192	1.00
Riel	-	-	-	-
Rochusbuurt	257	706	963	0.50
Roosten	255	0	255	0.00
Schoot	669	1497	2166	0.75
Schouwbroek	415	370	785	1.00
Schrijversbuurt	985	606	1591	0.75
Schuttersbosch	312	0	312	0.00
Sintebuurt	706	188	894	0.25
Sportpark Aalsterweg	-	-	-	-
Strijp S	0	1312	1312	0.00
't Hofke	1068	808	1876	1.00
't Hooi	544	485	1029	1.00
Tempel	2009	329	2338	0.25
Tivoli	646	173	819	0.50
Tongelresche Akkers	510	136	646	0.50
Tuindorp	570	856	1426	0.75
TU-terrein	-	-	-	-
Urkhoven	-	-	-	-
Vaartbroek	1703	790	2493	0.75
Villapark	638	494	1132	1.00
Vlokhoven	1067	629	1696	0.75
Vredeoord	-	-	-	-
Waterrijk	774	129	903	0.25
Wielewaal	-	-	-	-
Winkelcentrum	0	475	475	0.00
Witte Dame	0	1645	1645	0.00
Woenselse Heide	1785	409	2194	0.25
Woenselse Watermolen	218	434	652	0.75
Woensel-West	1474	561	2035	0.50
Zandrijk	937	206	1143	0.25
Zwaanstraat	409	65	474	0.25

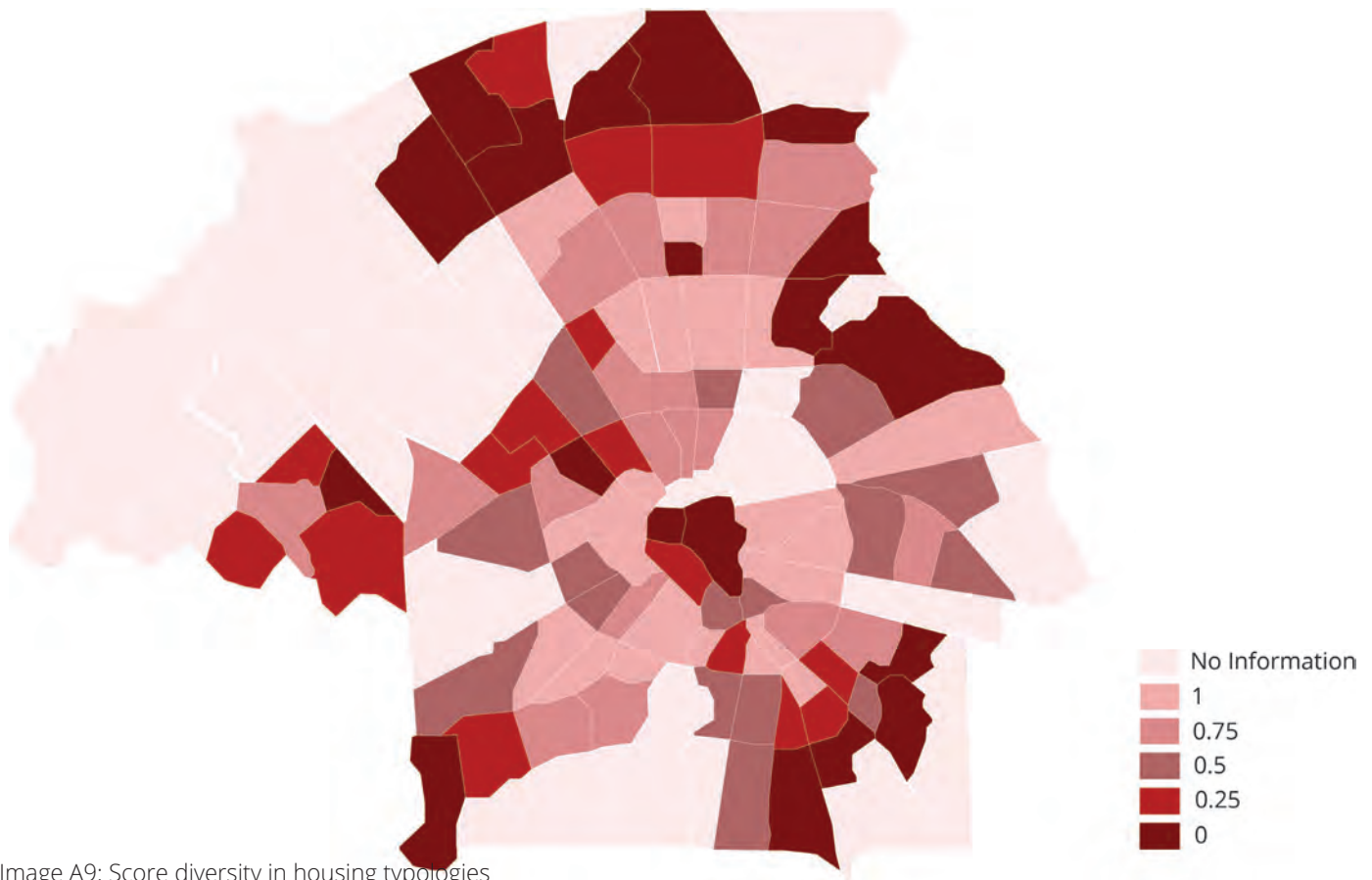


Image A9: Score diversity in housing typologies

# Diversity in House Ownership

Table A8: Scoring diversity in house ownership

	Owner-occupied home	Rental home	Number of houses	Score
Achtse Barrier-Gunterslaer	1232	355	1587	0.5
Achtse Barrier-Hoeven	1054	687	1741	0.75
Achtse Barrier-Spaaihoef	1650	236	1886	0.25
Barrier	449	448	897	1
BeA2	-	-	-	-
Beemden	-	-	-	-
Bennekel-Oost	641	1000	1641	0.75
Bennekel-West, Gagelbosch	549	1152	1701	0.75
Bergen	598	1024	1622	0.75
Binnenstad	559	1716	2275	0.5
Blaarthem	451	842	1293	0.75
Blixembosch-Oost	2298	355	2653	0.25
Blixembosch-West	655	117	772	0.25
Bloemenplein	210	430	640	0.5
Bokt	-	-	-	-
Bosrijk	149	11	160	0
Burghplan	631	861	1492	1
Castiljelaan	-	-	-	-
Doornakkers-Oost	330	1117	1447	0.5
Doornakkers-West	773	899	1672	1
Dronst Dorp	198	947	1145	0.25
Driehoeksbos	314	94	408	0.5
Eckart	698	1362	2060	0.75
Eckartdal	-	-	-	-
Eikenburg	485	164	649	0.5
Eindhoven Airport	-	-	-	-
Elasterein, Vonderkwartier	985	431	1416	0.5
Elizent-Noord	278	292	570	1
Elizent-Zuid	109	42	151	0.5
Engelsbergen	211	69	280	0.5
Esp	-	-	-	-
Fellenoord	-	-	-	-
Flight Forum	-	-	-	-
Genderbeemd	1128	525	1653	0.75
Genderdal	379	1197	1576	0.5
Generalenbuurt	1223	1442	2665	1
Gennep	-	-	-	-
Gennepzijdje	431	357	788	1
Gerardusplein	992	460	1452	0.75
Gijzenrooi	584	147	731	0.5
Gildebuurt	324	614	938	0.75
Grasrijk	1743	475	2218	0.5
Hagenkamp	137	647	784	0.25
Hanevoet	825	848	1673	1
Heesterakker	1057	21	1078	0
Hemelrijken	314	1604	1918	0.25
Herdgang	-	-	-	-
Het Ven	805	1107	1912	1
Hondsheuvels	-	-	-	-
Hurk	-	-	-	-
Irisbuurt	662	616	1278	1
Jagershoef	556	1188	1744	0.75
Joriskwartier	315	336	651	0.75
Kapelbeemd	-	-	-	-
Karpen	201	12	213	0
Kerkdorp Acht	1194	275	1469	0.25
Kerstroosplein	325	574	899	0.75
Koudenhoven	211	11	222	0
Kronehoef	751	1776	2527	0.25
Kruidenbuurt	642	701	1343	1
Lakerloopen	621	990	1611	0.75
Leenderheide	-	-	-	-
Lievendaal	592	993	1585	0.75
Limbeek-Noord	280	1097	1377	0.25
Limbeek-Zuid	170	617	787	0.5
Looiakkers	150	253	403	0.75
Luytelar	419	9	428	0
Meerbos	-	-	-	-
Meerrijk	248	224	472	1
Mensfort	667	911	1578	1
Mispelhoef	-	-	-	-
Muschberg, Geestenberg	903	999	1902	1
Nieuwe Erven	105	456	561	0.25
Ooievaarsnest	353	12	365	0
Oude Gracht-Oost	545	16	561	0
Oude Gracht-West	769	764	1533	1
Oude Spoorbaan	481	794	1275	0.75
Oude Toren	405	634	1039	0.75
Park Forum	-	-	-	-
Philipsdorp	341	1420	1761	0.25
Poeijers	-	-	-	-
Prinsejagt	1107	1276	2383	1
Puttense Dreef	320	203	523	0.75
Rapelenburg	276	323	599	1
Rapenland	482	710	1192	1
Riel	-	-	-	-
Rochusbuurt	305	658	963	0.75
Roosten	241	14	255	0
Schoot	474	1692	2166	0.25
Schouwbroek	418	367	785	1
Schrijversbuurt	978	613	1591	0.75
Schuttersbosch	150	162	312	1
Sintenbuurt	552	342	894	0.75
Sportpark Aalsterweg	-	-	-	-
Strijp S	49	1263	1312	0
't Hofke	668	1208	1876	0.75
't Hool	335	694	1029	0.75
Tempel	1035	1303	2338	1
Tivoli	50	769	819	0
Tongelresche Akkers	421	225	646	0.75
Tuindorp	738	688	1426	1
TU-terrein	-	-	-	-
Urkhoven	-	-	-	-
Vaartbroek	944	1549	2493	0.75
Villapark	593	539	1132	1
Vlokhoven	630	1066	1696	0.75
Vredeoord	-	-	-	-
Waterrijk	678	225	903	0.5
Wielewaal	-	-	-	-
Winkelcentrum	316	159	475	0.75
Witte Dame	305	1340	1645	0.25
Woenselse Heide	1025	1169	2194	1
Woenselse Watermolen	41	611	652	0
Woensel-West	576	1459	2035	0.5
Zandrijk	888	255	1143	0.5
Zwaanstraat	356	118	474	0.5

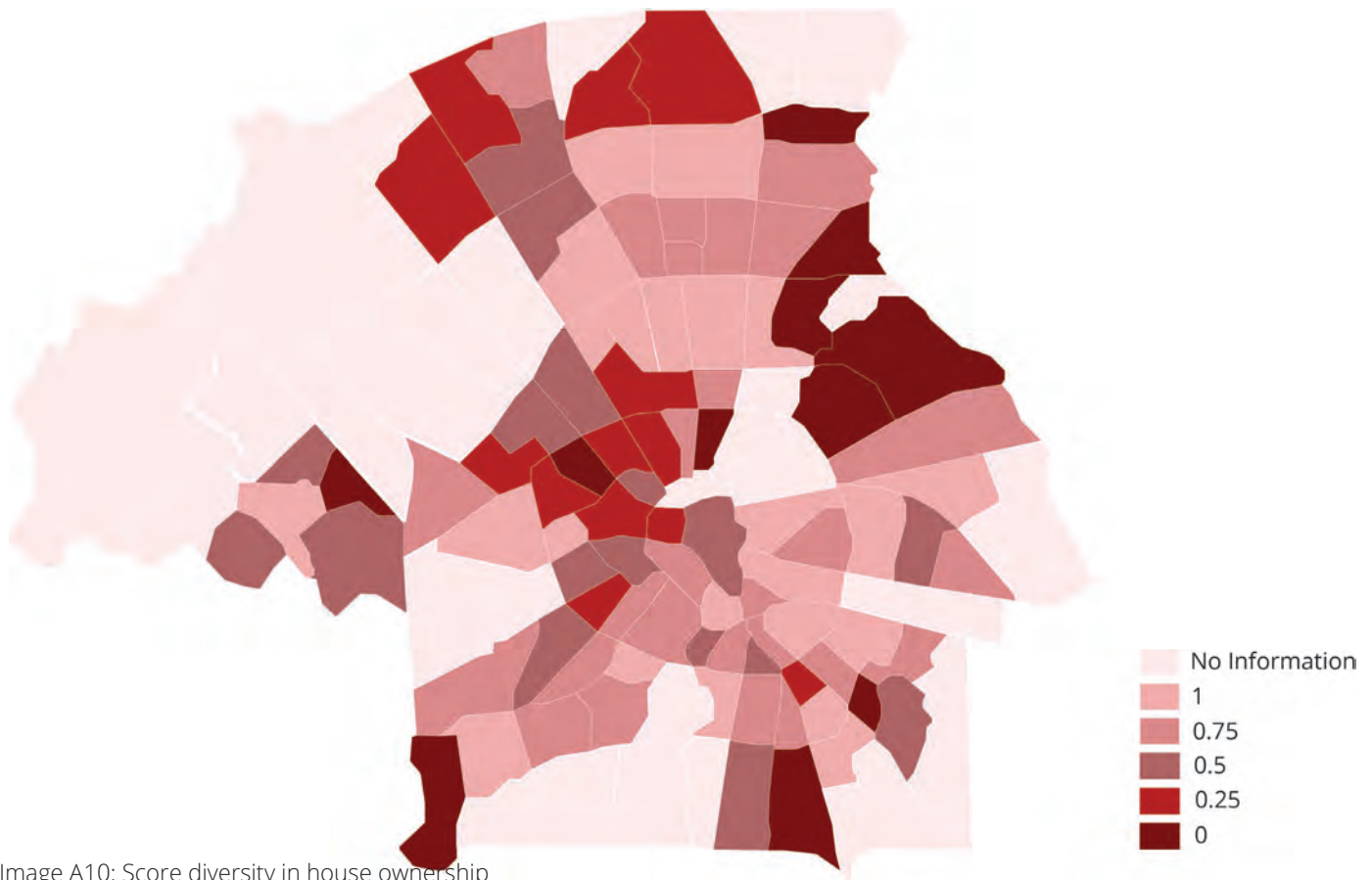


Image A10: Score diversity in house ownership

# Occupied Houses

Table A9: Scoring occupied houses

	Occupied Homes (%)	Score			
Achtse Barrier-Gunterslaer	99	0.99	Koudenhoven	96	0.96
Achtse Barrier-Hoeven	99	0.99	Kronehoef	92	0.92
Achtse Barrier-Spaaihoef	98	0.98	Kruidenbuurt	96	0.96
Barrier	98	0.98	Lakerloopen	97	0.97
BeA2	-	-	Leenderheide	-	-
Beemden	-	-	Lievendaal	98	0.98
Bennekel-Oost	96	0.96	Limbeek-Noord	97	0.97
Bennekel-West, Gagelbosch	96	0.96	Limbeek-Zuid	98	0.98
Bergen	81	0.81	Looiakkers	91	0.91
Binnenstad	84	0.84	Luytelaer	98	0.98
Blaarthem	98	0.98	Meerbos	-	-
Blixembosch-Oost	98	0.98	Meerrijk	98	0.98
Blixembosch-West	99	0.99	Mensfort	97	0.97
Bloemenplein	94	0.94	Mispelhoef	-	-
Bokt	-	-	Muschberg, Geestenberg	98	0.98
Bosrijk	98	0.98	Nieuwe Erven	98	0.98
Burghplan	98	0.98	Ooievaarsnest	98	0.98
Castillélaan	-	-	Oude Gracht-Oost	98	0.98
Doornakkers-Oost	97	0.97	Oude Gracht-West	97	0.97
Doornakkers-West	97	0.97	Oude Spoorbaan	97	0.97
Drents Dorp	99	0.99	Oude Toren	97	0.97
Driehoeksbos	99	0.99	Park Forum	-	-
Eckart	97	0.97	Philipsdorp	96	0.96
Eckartdal	91	0.91	Poelijers	-	-
Eikenburg	97	0.97	Prinsejagt	98	0.98
Eindhoven Airport	-	-	Puttense Dreef	98	0.98
Elasterrein, Vanderkwartier	96	0.96	Rapelenburg	94	0.94
Elzent-Noord	94	0.94	Rapenland	98	0.98
Elzent-Zuid	90	0.90	Riel	-	-
Engelsbergen	98	0.98	Rochusbuurt	96	0.96
Esp	-	-	Roosten	97	0.97
Fellenoord	89	0.89	Schoot	76	0.76
Flight Forum	-	-	Schouwbroek	97	0.97
Genderbeemd	99	0.99	Schrijversbuurt	97	0.97
Genderdal	97	0.97	Schuttersbosch	94	0.94
Generalenbuurt	95	0.99	Sintenbuurt	96	0.96
Gennep	-	-	Sportpark Aalsterweg	-	-
Gennepzijdje	94	0.94	Strijp S	92	0.92
Gerardusplein	97	0.97	't Hofke	98	0.98
Gijzenrooi	98	0.98	't Hooi	98	0.98
Gildebuurt	94	0.94	Tempel	98	0.98
Grasrijk	98	0.98	Tivoli	99	0.99
Hagenkamp	96	0.96	Tongelresche Akkers	96	0.96
Hanevoet	99	0.99	Tuindorp	96	0.96
Heesterakker	98	0.98	TU-terrein	-	-
Hemelrijken	91	0.91	Urkhoven	-	-
Herdgang	-	-	Vaartbroek	98	0.98
Het Ven	96	0.96	Villapark	94	0.94
Hondsheuvels	-	-	Vlokhoven	98	0.98
Hurk	-	-	Vredeoord	-	-
Irisbuurt	93	0.93	Waterrijk	94	0.94
Jagershoef	99	0.99	Wielewaal	-	-
Joriskwartier	94	0.94	Winkelcentrum	95	0.95
Kapelbeemd	-	-	Witte Dame	88	0.88
Karpen	90	0.90	Woenselse Heide	97	0.97
Kerkdorp Acht	97	0.97	Woenselse Watermolen	98	0.98
Kerstroosplein	97	0.97	Woensel-West	94	0.94
			Zandrijk	98	0.98
			Zwaanstraat	96	0.96

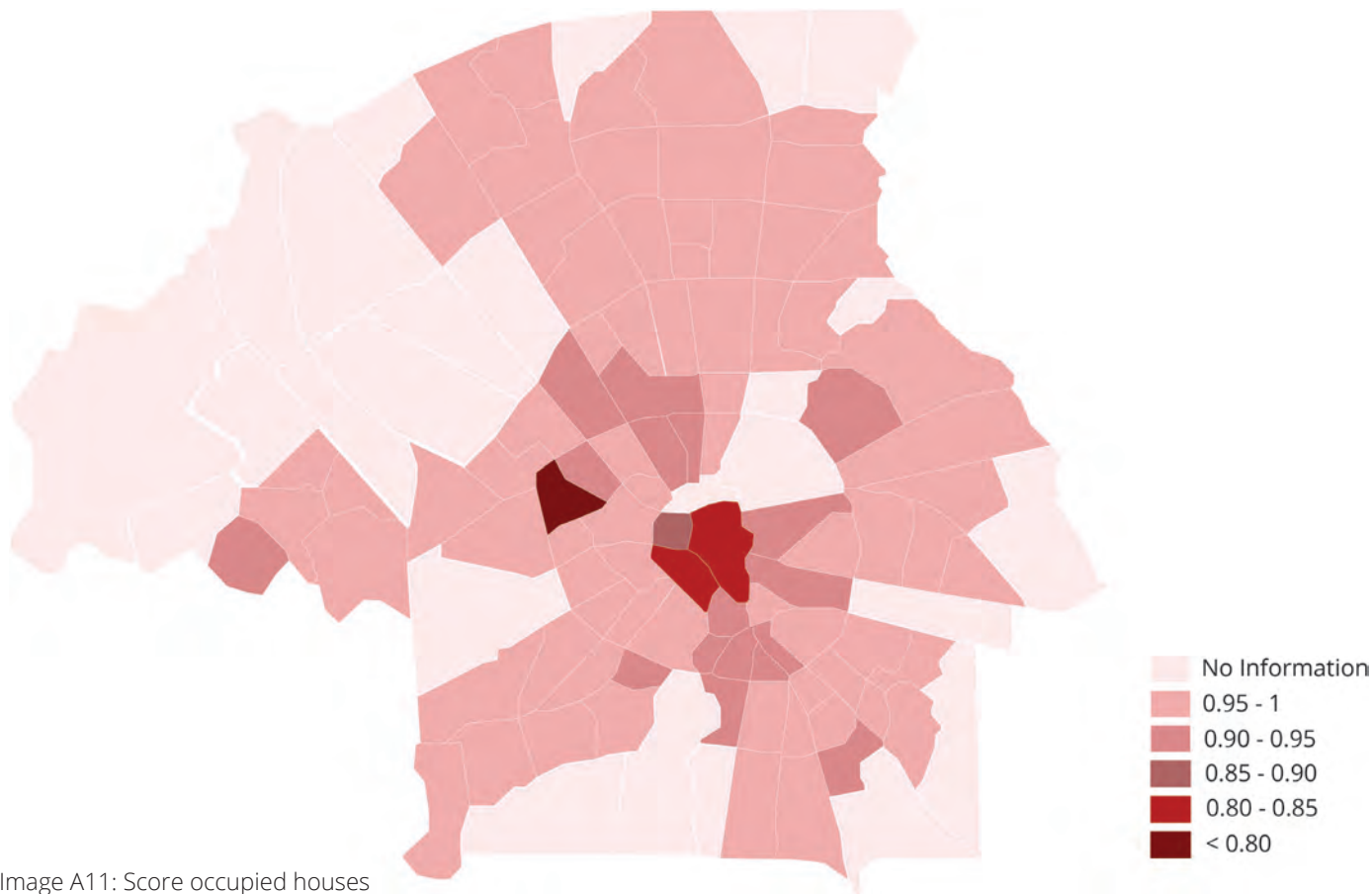


Image A11: Score occupied houses

# WOZ-value Houses

Table A10: Scoring WOZ-value houses

	WOZ-value (x1000 euro)	Score		WOZ-value	Score
Achtse Barrier-Gunterslaer	290	0.50	Koudenhoven	646	1.00
Achtse Barrier-Hoeven	278	0.50	Kronehoef	246	0.25
Achtse Barrier-Spaaihoef	318	0.75	Kruidenbuurt	306	0.50
Barrier	297	0.50	Lakerloopen	243	0.25
BeA2	-	-	Leenderheide	-	-
Beemden	-	-	Lievendaal	239	0.25
Bennekel-Oost	224	0.25	Limbeek-Noord	199	0.00
Bennekel-West, Gagelbosch	238	0.25	Limbeek-Zuid	220	0.25
Bergen	323	0.75	Looiakkers	299	0.50
Binnenstad	278	0.50	Luytelaer	499	1.00
Blaarthem	232	0.25	Meerbos	-	-
Blixembosch-Oost	421	1.00	Meerrijk	326	0.75
Blixembosch-West	467	1.00	Mensfort	228	0.25
Bloemenplein	245	0.25	Mispelhoef	-	-
Bokt	-	-	Muschberg, Geestenberg	238	0.25
Bosrijk	427	1.00	Nieuwe Erven	243	0.25
Burghplan	238	0.25	Ooievaarsnest	490	1.00
Castillëilaan	-	-	Oude Gracht-Oost	432	1.00
Doornakkers-Oost	219	0.25	Oude Gracht-West	237	0.25
Doornakkers-West	236	0.25	Oude Spoorbaan	240	0.25
Drents Dorp	258	0.25	Oude Toren	254	0.25
Driehoeksbos	464	1.00	Park Forum	-	-
Eckart	221	0.25	Philipsdorp	286	0.50
Eckartdal	-	-	Poeijers	-	-
Eikenburg	525	1.00	Prinsejagt	252	0.25
Eindhoven Airport	-	-	Puttense Dreef	437	1.00
Elasterrein, Vanderkwartier	325	0.75	Rapelenburg	252	0.25
Elzant-Noord	530	1.00	Rapenland	211	0.25
Elzant-Zuid	859	1.00	Riel	-	-
Engelsbergen	435	1.00	Rochusbuurt	254	0.25
Esp	-	-	Roosten	732	1.00
Fellenoord	-	-	Schoot	224	0.25
Flight Forum	-	-	Schouwbroek	252	0.25
Genderbeemd	283	0.50	Schrijversbuurt	388	1.00
Genderdal	210	0.25	Schuttersbosch	487	1.00
Generalenbuurt	243	0.25	Sintebuurt	282	0.50
Gennep	-	-	Sportpark Aalsterweg	-	-
Genneperzijde	328	0.75	Strijp S	275	0.50
Gerardusplein	340	0.75	't Hofke	245	0.25
Gijzenrooi	461	1.00	't Hool	253	0.25
Gildebuurt	247	0.25	Tempel	255	0.25
Grasrijk	384	1.00	Tivoli	227	0.25
Hagenkamp	219	0.25	Tongelresche Akkers	377	1.00
Hanevoet	263	0.25	Tuindorp	326	0.75
Heesterakker	310	0.50	TU-terrein	-	-
Hemelrijken	226	0.25	Urkhoven	-	-
Herdgang	-	-	Vaartbroek	239	0.25
Het Ven	243	0.25	Villapark	485	1.00
Hondsheuvels	-	-	Vlokhoven	234	0.25
Hurk	-	-	Vredeoord	-	-
Irisbuurt	297	0.50	Waterrijk	447	1.00
Jagershoef	221	0.25	Wielewaal	-	-
Joriskwartier	274	0.50	Winkelcentrum	224	0.25
Kapelbeemd	-	-	Witte Dame	288	0.50
Karpen	923	1.00	Woenselse Heide	265	0.25
Kerkdorp Acht	454	1.00	Woenselse Watermolen	257	0.25
Kerstrosplein	237	0.25	Woensel-West	240	0.25
			Zandrijk	372	1.00
			Zwaanstraat	462	1.00

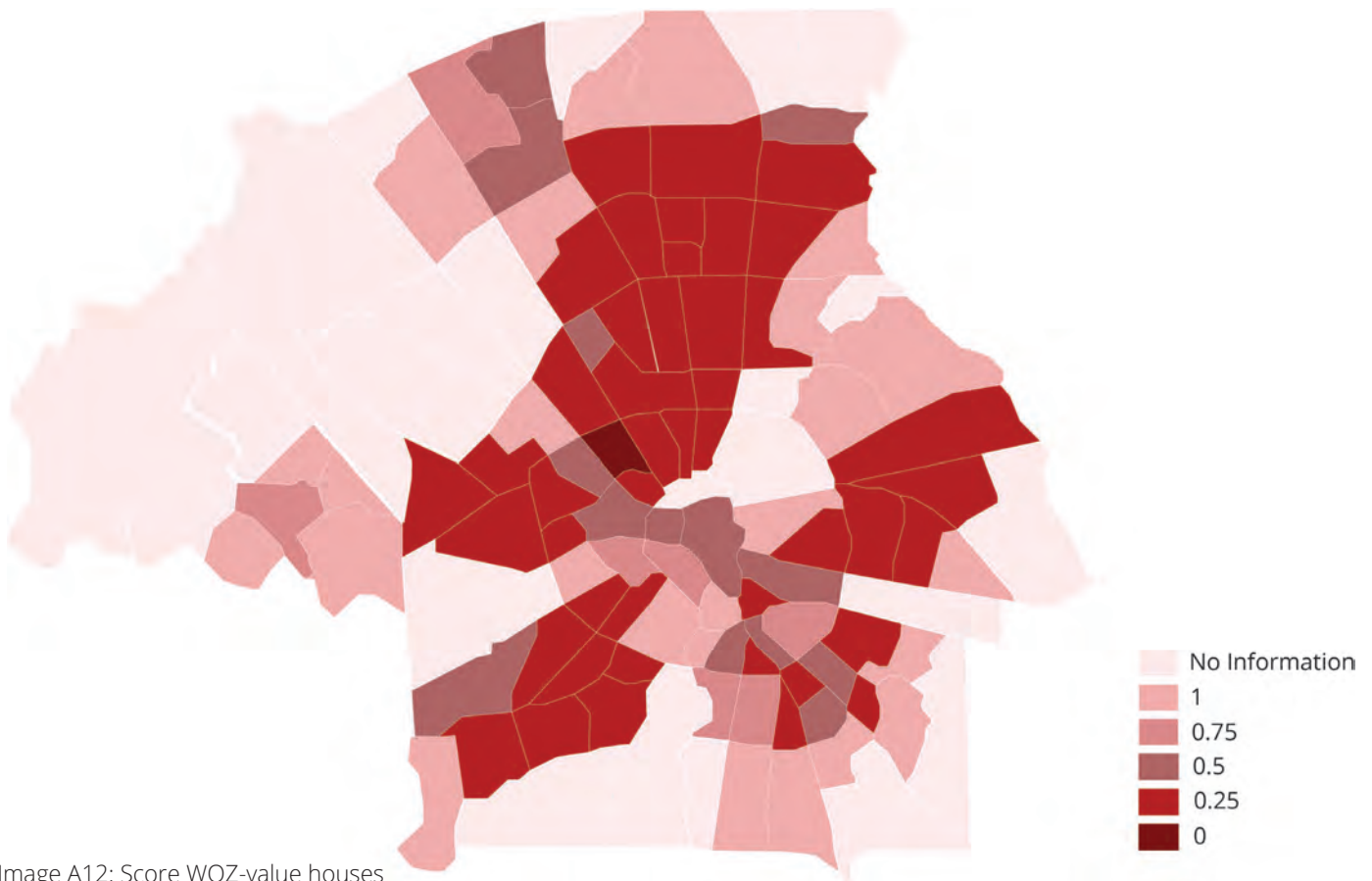


Image A12: Score WOZ-value houses

# Nuisance

Table A11: Scoring nuisance

	Nuisance Location	Nuisance Neighbors	Score
Achtse Barrier-Gunterslaer	0.42	0.92	0.67
Achtse Barrier-Hoeven	0.27	0.91	0.59
Achtse Barrier-Spaaihoef	0.25	0.92	0.59
Barrier	0.49	0.87	0.68
BeA2	-	-	-
Beemden	-	-	-
Bennekel-Oost	0.47	0.77	0.62
Bennekel-West, Gagelbosch	0.47	0.77	0.62
Bergen	0.25	0.78	0.52
Binnenstad	0.31	0.77	0.54
Blaarthem	0.40	0.80	0.60
Blixembosch-Oost	0.43	0.90	0.67
Blixembosch-West	0.43	0.90	0.67
Bloemenplein	0.34	0.81	0.58
Bokt	-	-	-
Bosrijk	0.47	0.92	0.70
Burghplan	0.44	0.77	0.61
Castiljelaan	-	-	-
Doornakkers-Oost	0.37	0.79	0.58
Doornakkers-West	0.37	0.79	0.58
Drehts Dorp	0.44	0.85	0.65
Oriehoeksbos	0.47	0.89	0.68
Eckart	0.52	0.91	0.72
Eckartdal	-	-	-
Eikenburg	0.39	0.92	0.66
Eindhoven Airport	-	-	-
Elasterrein, Vonderkwartier	0.31	0.79	0.55
Elzent-Noord	0.43	0.86	0.65
Elzent-Zuid	0.43	0.86	0.65
Engelsbergen	0.31	0.79	0.55
Esp	-	-	-
Fellenoord	-	-	-
Flight Forum	-	-	-
Genderbeemd	0.27	0.87	0.57
Genderdal	0.45	0.78	0.62
Generalenbuurt	0.47	0.90	0.69
Gennep	-	-	-
Genneperzijde	0.43	0.86	0.65
Gerardusplein	0.35	0.86	0.61
Gijzenrooi	0.53	0.87	0.70
Gildebuurt	0.37	0.73	0.55
Grasrijk	0.53	0.92	0.73
Hagenkamp	0.41	0.89	0.65
Hanevoet	0.49	0.87	0.68
Heesterakker	0.46	0.87	0.67
Hemelrijken	0.37	0.73	0.55
Herdgang	-	-	-
Het Ven	0.33	0.88	0.61
Hondscheuvels	-	-	-
Hurk	-	-	-
Irisbuurt	0.39	0.86	0.63
Jagershoef	0.35	0.86	0.61
Joriskwartier	0.29	0.76	0.53
Kapelbeemd	-	-	-
Karpen	0.36	0.87	0.62
Kerkdorp Acht	0.20	0.92	0.56
Kerstroosplein	0.34	0.81	0.58
Koudenhoven	0.36	0.87	0.62
Kronehoef	0.34	0.80	0.57
Kruidenbuurt	0.43	0.81	0.62
Lakerloopen	0.34	0.81	0.58
Leenderheide	-	-	-
Lievendaal	0.45	0.83	0.64
Limbeek-Noord	0.28	0.71	0.50
Limbeek-Zuid	0.28	0.71	0.50
Looiakkers	0.29	0.76	0.53
Luytelaer	0.52	0.81	0.67
Meerbos	-	-	-
Meerrijk	0.49	0.87	0.68
Mensfort	0.50	0.80	0.65
Mispelhoef	-	-	-
Muschberg, Geestenberg	0.40	0.86	0.63
Nieuwe Erven	0.39	0.86	0.63
Ooievaarsnest	0.49	0.87	0.68
Oude Gracht-Oost	0.46	0.88	0.67
Oude Gracht-West	0.46	0.88	0.67
Oude Spoorbaan	0.41	0.89	0.65
Oude Toren	0.44	0.92	0.68
Park Forum	-	-	-
Philipsdorp	0.38	0.85	0.62
Poeijers	-	-	-
Prinsejagt	0.37	0.89	0.63
Puttense Dreef	0.53	0.87	0.70
Rapelenburg	0.40	0.80	0.60
Rapenland	0.50	0.80	0.65
Riel	-	-	-
Rochusbuurt	0.29	0.76	0.53
Roosten	0.39	0.92	0.66
Schoot	0.33	0.88	0.61
Schouwbroek	0.38	0.85	0.62
Schrijversbuurt	0.41	0.89	0.65
Schuttersbosch	0.53	0.87	0.70
Sintebuurt	0.44	0.77	0.61
Sportpark Aalsterweg	-	-	-
Strijp S	0.33	0.76	0.55
't Hofke	0.40	0.86	0.63
't Hool	0.39	0.83	0.61
Tempel	0.50	0.93	0.72
Tivoli	0.44	0.77	0.61
Tongelresche Akkers	0.37	0.79	0.58
Tuindorp	0.39	0.86	0.63
TU-terrein	-	-	-
Urkhoven	-	-	-
Vaartbroek	0.43	0.79	0.61
Villapark	0.36	0.87	0.62
Vlokhoven	0.37	0.79	0.58
Vredeoord	-	-	-
Waterrijk	0.49	0.87	0.68
Wielewaal	-	-	-
Winkelcentrum	0.39	0.83	0.61
Witte Dame	0.25	0.78	0.52
Woenselse Heide	0.46	0.82	0.64
Woenselse Watermolen	0.46	0.92	0.69
Woensel-West	0.36	0.72	0.54
Zandrijk	0.47	0.92	0.70
Zwaanstraat	0.44	0.85	0.65

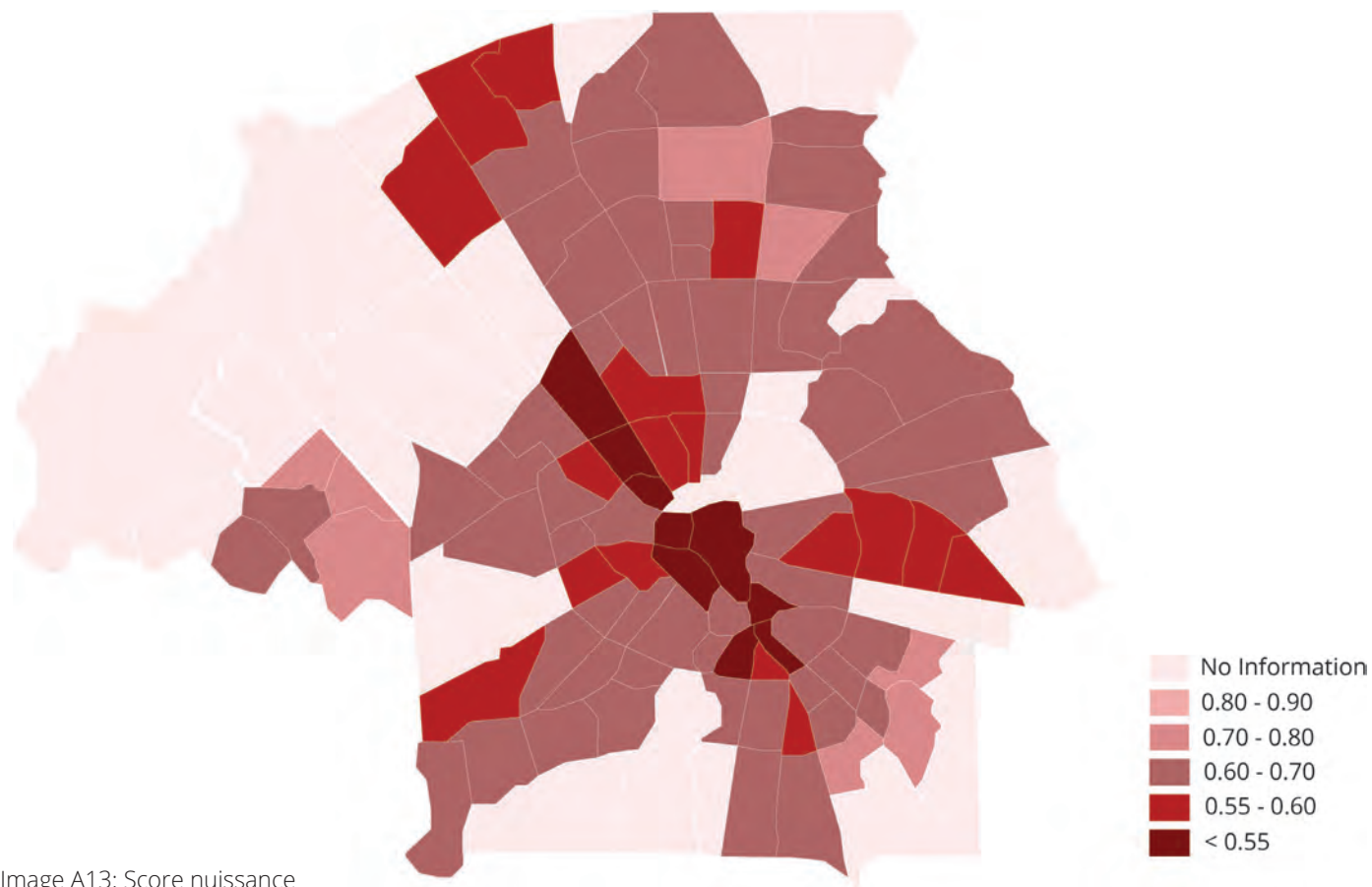


Image A13: Score nuisance

# Nuisance - Location

Table A12: Scoring nuisance - location

	% which experiences milieu nuisance	Score
Achtse Barrier-Gunterslaer	58	0.42
Achtse Barrier-Hoeven	73	0.27
Achtse Barrier-Spaalhoef	75	0.25
Barrier	51	0.49
BeA2	-	-
Beemden	-	-
Bennekel-Oost	53	0.47
Bennekel-West, Gagelbosch	53	0.47
Bergen	75	0.25
Binnenstad	69	0.31
Blaarthem	60	0.4
Blixembosch-Oost	57	0.43
Blixembosch-West	57	0.43
Bloemenplein	66	0.34
Bokt	-	-
Bosrijk	53	0.47
Burghplan	56	0.44
Castiljélaan	-	-
Doomakkers-Oost	63	0.37
Doomakkers-West	63	0.37
Drents Dorp	56	0.44
Driehoeksbos	53	0.47
Eckart	48	0.52
Eckartdal	-	-
Eikenburg	61	0.39
Eindhoven Airport	-	-
Eliasterrein, Vonderkwartier	69	0.31
Elzent-Noord	57	0.43
Elzent-Zuid	57	0.43
Engelsbergen	69	0.31
Esp	-	-
Fellenoord	-	-
Flight Forum	-	-
Genderbeemd	57	0.27
Genderdal	55	0.45
Generalenbuurt	53	0.47
Gennep	-	-
Gennepzijdje	57	0.43
Gerardusplein	65	0.35
Gijzenrool	47	0.53
Gildebuurt	63	0.37
Grasrijk	53	0.53
Hagenkamp	59	0.41
Hanevoet	51	0.49
Heesterakker	54	0.46
Hemelrijken	63	0.37
Herdgang	-	-
Het Ven	67	0.33
Hondsheuvels	-	-
Hurk	-	-
Irisbuurt	61	0.39
Jagershoef	55	0.35
Joriskwartier	71	0.29
Kapelbeemd	-	-
Karpen	64	0.36
Kerkdorp Acht	80	0.2
Kerstroosplein	66	0.34
Koudenhoven	64	0.36
Kronehoef	66	0.34
Kruidenbuurt	57	0.43
Lakerloopen	66	0.34
Leenderheide	-	-
Lievendaal	55	0.45
Limbeek-Noord	72	0.28
Limbeek-Zuid	72	0.28
Looiakkers	71	0.29
Luytelaer	48	0.52
Meerbos	-	-
Meerrijk	51	0.49
Mensfort	50	0.5
Mispelhoef	-	-
Muschberg, Geestenberg	60	0.4
Nieuwe Erven	61	0.39
Oolevaarsnest	51	0.49
Oude Gracht-Oost	54	0.46
Oude Gracht-West	54	0.46
Oude Spoorbaan	59	0.41
Oude Toren	56	0.44
Park Forum	-	-
Philipsdorp	62	0.38
Poeijers	-	-
Prinsejagt	53	0.37
Puttense Dreef	47	0.53
Rapelenburg	60	0.4
Rapenland	50	0.5
Riel	-	-
Rochusbuurt	71	0.29
Roosten	61	0.39
Schoot	67	0.33
Schouwbroek	62	0.38
Schrijversbuurt	59	0.41
Schuttersbosch	47	0.53
Sintebuurt	56	0.44
Sportpark Aalsterweg	-	-
Strijp S	67	0.33
't Hofke	60	0.4
't Hool	61	0.39
Tempel	50	0.5
Tivoli	56	0.44
Tongelresche Akkers	63	0.37
Tuindorp	61	0.39
TU-terrein	-	-
Urkhoven	-	-
Vaartbroek	57	0.43
Villapark	64	0.36
Vlokhoven	63	0.37
Vredeoord	-	-
Waterrijk	51	0.49
Wielewaal	-	-
Winkelcentrum	61	0.39
Witte Dame	75	0.25
Woenselse Heide	54	0.46
Woenselse Watermolen	56	0.46
Woensel-West	64	0.36
Zandrijk	53	0.47
Zwaanstraat	56	0.44



Image A14: Score nuisance -location



# Nuisance - Neighbors

Table A13: Scoring nuisance neighbors

	Experiences nuisance from neighbors (%)	Score			
Achtse Barrier-Gunterslaer	8	0.92	Kronehoef	20	0.80
Achtse Barrier-Hoeven	9	0.91	Kruidenbuurt	19	0.81
Achtse Barrier-Spaalhoef	8	0.92	Lakerloopen	19	0.81
Barrier	13	0.87	Leenderheide	-	-
BeA2	-	-	Lievendaal	17	0.83
Beemden	-	-	Limbeek-Noord	29	0.71
Bennekel-Oost	23	0.77	Limbeek-Zuid	29	0.71
Bennekel-West, Gagelbosch	23	0.77	Looiakkers	24	0.76
Bergen	22	0.78	Luytelaer	9	0.81
Binnenstad	23	0.77	Maerbos	-	-
Blaarthem	20	0.80	Meerrijk	13	0.87
Blixembosch-Oost	10	0.90	Mensfort	20	0.80
Blixembosch-West	10	0.90	Mispelhoef	-	-
Bloemenplein	19	0.81	Muschberg, Geestenberg	14	0.86
Bokt	-	-	Nieuwe Erven	14	0.86
Bosrijk	8	0.92	Ooievaarsnest	13	0.87
Burghplan	23	0.77	Oude Gracht-Oost	12	0.88
Castiljelaan	-	-	Oude Gracht-West	12	0.88
Doomakkers-Oost	21	0.79	Oude Spoorbaan	11	0.89
Doomakkers-West	21	0.79	Oude Toren	8	0.92
Drents Dorp	15	0.85	Park Forum	-	-
Driehoeksbos	11	0.89	Philipsdorp	15	0.85
Eckart	9	0.91	Poeijers	-	-
Eckartdal	-	-	Prinsejagt	11	0.89
Eikenburg	8	0.92	Puttense Dreef	13	0.87
Eindhoven Airport	-	-	Rapelenburg	20	0.80
Eliasterrein, Vanderkwartier	21	0.79	Rapenland	20	0.80
Elzant-Noord	14	0.86	Riel	-	-
Elzant-Zuid	14	0.86	Rochusbuurt	24	0.76
Engelsbergen	21	0.79	Roosten	8	0.92
Esp	-	-	Schoot	12	0.88
Fellenoord	-	-	Schouwbroek	15	0.85
Flight Forum	-	-	Schrijversbuurt	11	0.89
Genderbeemd	13	0.87	Schuttersbosch	13	0.87
Genderdal	22	0.78	Sintebuurt	23	0.77
Generalenbuurt	10	0.90	Sportpark Aalsterweg	-	-
Ganep	-	-	Strijp S	24	0.76
Genneperzijde	14	0.86	't Hofke	14	0.86
Gerardusplein	14	0.86	't Hooi	17	0.83
Gijzenrool	13	0.87	Tempel	7	0.93
Gildebuurt	27	0.73	Tivoli	23	0.77
Grasrijk	8	0.92	Tongelresche Akkers	21	0.79
Hagenkamp	11	0.89	Tuindorp	14	0.86
Hanevoet	13	0.87	TU-terrein	-	-
Heesterakker	13	0.87	Urkhoven	-	-
Hemeirijken	27	0.73	Vaartbroek	21	0.79
Herdgang	-	-	Villapark	13	0.87
Het Ven	12	0.88	Vlokhoven	21	0.79
Hondsheuvels	-	-	Vredeoord	-	-
Hurk	-	-	Waterrijk	13	0.87
Irisbuurt	14	0.86	Wielewaal	-	-
Jagershoef	14	0.86	Winkelcentrum	17	0.83
Joriskwartier	24	0.76	Witte Dame	22	0.78
Kapelbeemd	-	-	Woenselse Heide	18	0.82
Karpen	13	0.87	Woenselse Watermolen	8	0.92
Kerkdorp Acht	8	0.92	Woensel-West	28	0.72
Kerstroosplein	19	0.81	Zandrijk	8	0.92
Koudenhoven	13	0.87	Zwaanstraat	15	0.85

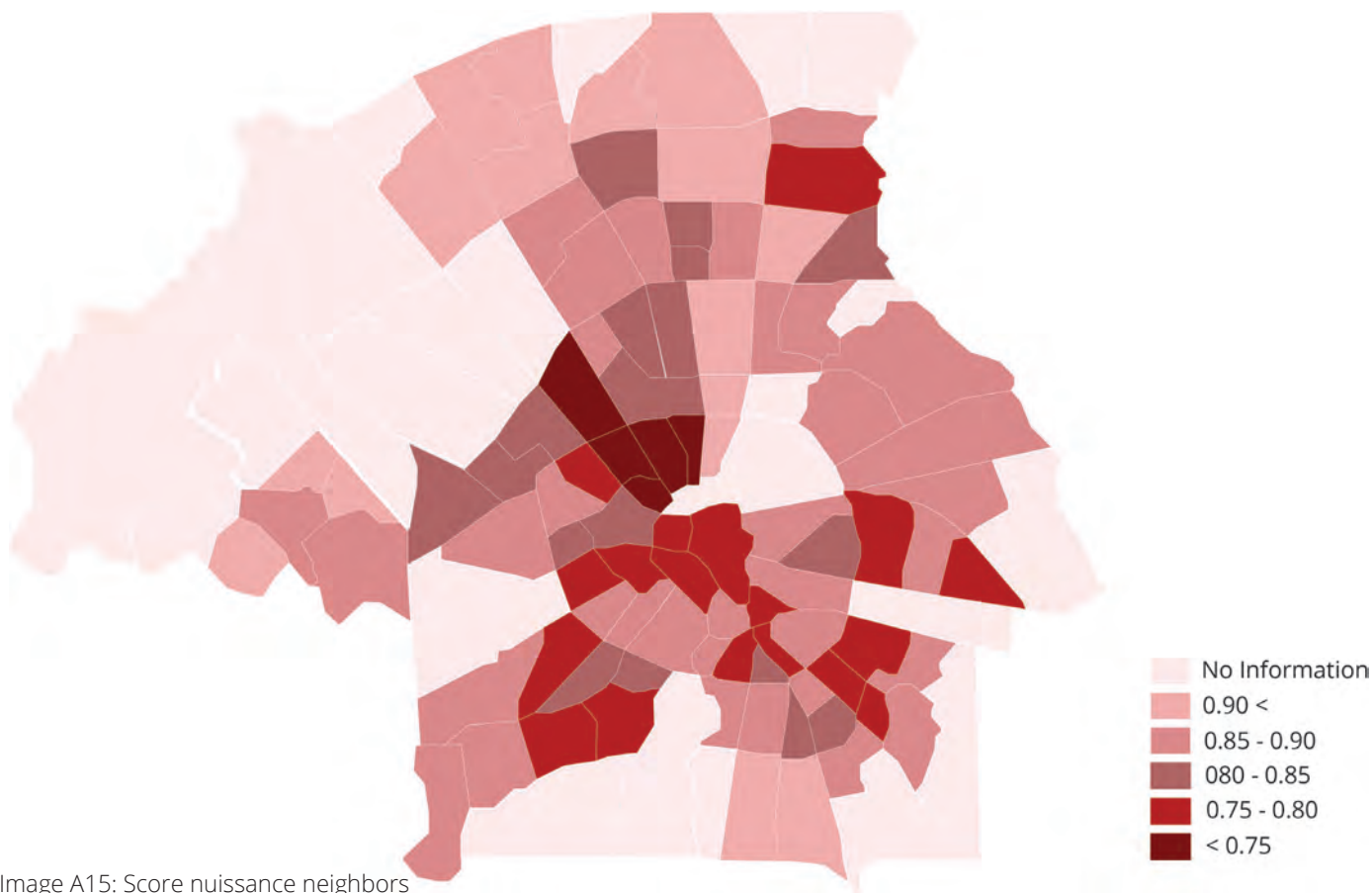


Image A15: Score nuisance neighbors

# Safety

Table A14: Scoring safety

	Satisfaction Criminality	Crime Rates	Perceived Safety	Score
Achtse Barrier-Gunterslaer	0.72	1.00	0.82	0.85
Achtse Barrier-Hoeven	0.73	1.00	0.82	0.85
Achtse Barrier-Spaaihoef	0.72	1.00	0.87	0.86
Barrier	0.70	0.66	0.82	0.73
BeA2	-	-	-	-
Beemden	-	-	-	-
Bennekel-Oost	0.63	0.66	0.68	0.66
Bennekel-West, Gagelbosch	0.63	0.66	0.68	0.66
Bergen	0.71	0.33	0.75	0.60
Binnenstad	0.69	0.33	0.73	0.58
Blaarthem	0.63	0.33	0.63	0.53
Blixembosch-Oost	0.76	1.00	0.93	0.90
Blixembosch-West	0.76	1.00	0.93	0.90
Bloemenplein	0.71	0.33	0.84	0.63
Bokt	-	-	-	-
Bosrijk	0.77	1.00	0.90	0.89
Burghplan	0.70	0.33	0.78	0.60
Castiëlalaan	-	-	-	-
Doornakkers-Oost	0.65	1.00	0.69	0.78
Doornakkers-West	0.65	0.66	0.96	0.76
Drents Dorp	0.72	0.66	0.84	0.74
Driehoeksbos	0.73	0.33	0.84	0.63
Eckart	0.73	0.66	0.85	0.75
Eckartdal	-	-	-	-
Elkenburg	0.78	1.00	0.89	0.89
Eindhoven Airport	-	-	-	-
Eliasterrein, Vanderkwartier	0.74	0.66	0.83	0.74
Elzent-Noord	0.75	0.66	0.89	0.77
Elzent-Zuid	0.75	0.66	0.89	0.77
Engelsbergen	0.74	0.33	0.83	0.63
Esp	-	-	-	-
Fellenoord	-	-	-	-
Flight Forum	-	-	-	-
Genderbeemd	0.73	0.66	0.82	0.74
Genderdal	0.67	0.33	0.68	0.56
Generalenbuurt	0.69	1.00	0.73	0.81
Gennep	-	-	-	-
Gennepzijdje	0.75	1.00	0.89	0.88
Gerardusplein	0.74	1.00	0.86	0.87
Gijzenrooi	0.77	1.00	0.88	0.88
Gildebuurt	0.57	0.33	0.54	0.48
Grasrijk	0.77	1.00	0.90	0.89
Hagenkamp	0.75	0.33	0.84	0.64
Hanevoet	0.72	1.00	0.88	0.87
Heesterakker	0.75	1.00	0.88	0.88
Hemelrijken	0.57	0.66	0.54	0.59
Herdgang	-	-	-	-
Het Ven	0.73	0.66	0.87	0.75
Hondsheuvels	-	-	-	-
Hurk	-	-	-	-
Irisbuurt	0.75	0.33	0.88	0.65
Jagershoef	0.68	0.33	0.71	0.57
Joriskwartier	0.73	0.66	0.88	0.76
Kapelbeemd	-	-	-	-
Karpen	0.76	0.33	0.92	0.67
Kerkdorp Acht	0.79	1.00	0.93	0.91
Kerstroosplein	0.71	1.00	0.84	0.85

Koudenhoven	0.76	1.00	0.92	0.89
Kronehoef	0.66	0.33	0.63	0.54
Kruidenbuurt	0.73	1.00	0.84	0.86
Lakerloopen	0.71	0.33	0.80	0.61
Leenderheide	-	-	-	-
Lievendaal	0.71	1.00	0.78	0.83
Limbeek-Noord	0.62	0.66	0.61	0.63
Limbeek-Zuid	0.62	0.33	0.61	0.52
Looiakkers	0.73	0.33	0.88	0.65
Luytelaer	0.73	1.00	0.85	0.86
Meerbos	-	-	-	-
Meerrijk	0.71	1.00	0.80	0.84
Mensfort	0.66	0.66	0.71	0.68
Mispelhoef	-	-	-	-
Muschberg, Geestenberg	0.70	0.66	0.77	0.71
Nieuwe Erven	0.75	0.66	0.88	0.76
Ooievaarsnest	0.72	1.00	0.88	0.87
Oude Gracht-Oost	0.74	1.00	0.80	0.85
Oude Gracht-West	0.74	0.66	0.80	0.73
Oude Spoorbaan	0.75	0.66	0.84	0.75
Oude Toren	0.70	0.66	0.80	0.72
Park Forum	-	-	-	-
Philipsdorp	0.72	0.33	0.82	0.62
Poeljers	-	-	-	-
Prinsejagt	0.73	0.66	0.84	0.74
Puttense Dreef	0.77	1.00	0.88	0.88
Rapelenburg	0.63	0.33	0.63	0.53
Rapenland	0.66	0.33	0.71	0.57
Riel	-	-	-	-
Rochusbuurt	0.73	0.66	0.88	0.76
Roosten	0.78	1.00	0.89	0.89
Schoot	0.73	0.66	0.87	0.75
Schouwbroek	0.72	0.33	0.82	0.62
Schrijversbuurt	0.75	0.33	0.84	0.64
Schuttersbosch	0.77	0.66	0.88	0.77
Sintenbuurt	0.70	0.66	0.78	0.71
Sportpark Aalsterweg	-	-	-	-
Strijp S	0.76	0.33	0.89	0.66
't Hofke	0.70	0.66	0.77	0.71
't Hool	0.64	0.66	0.61	0.64
Tempel	0.70	0.66	0.75	0.70
Tivoli	0.70	0.66	0.78	0.71
Tongelresche Akkers	0.65	0.66	0.69	0.67
Tuindorp	0.75	1.00	0.88	0.88
TU-terrein	-	-	-	-
Urkhoven	-	-	-	-
Vaartbroek	0.67	0.66	0.74	0.69
Villapark	0.76	0.66	0.92	0.78
Vlokhoven	0.62	0.66	0.66	0.65
Vredeoord	-	-	-	-
Waterrijk	0.71	1.00	0.80	0.84
Wielewaal	-	-	-	-
Winkelcentrum	0.64	0.33	0.61	0.53
Witte Dame	0.71	0.33	0.75	0.60
Woenselse Heide	0.69	1.00	0.74	0.81
Woenselse Watermolen	0.70	0.66	0.80	0.72
Woensel-West	0.65	0.33	0.70	0.56
Zandrijk	0.77	1.00	0.90	0.89
Zwaanstraat	0.72	0.33	0.84	0.63

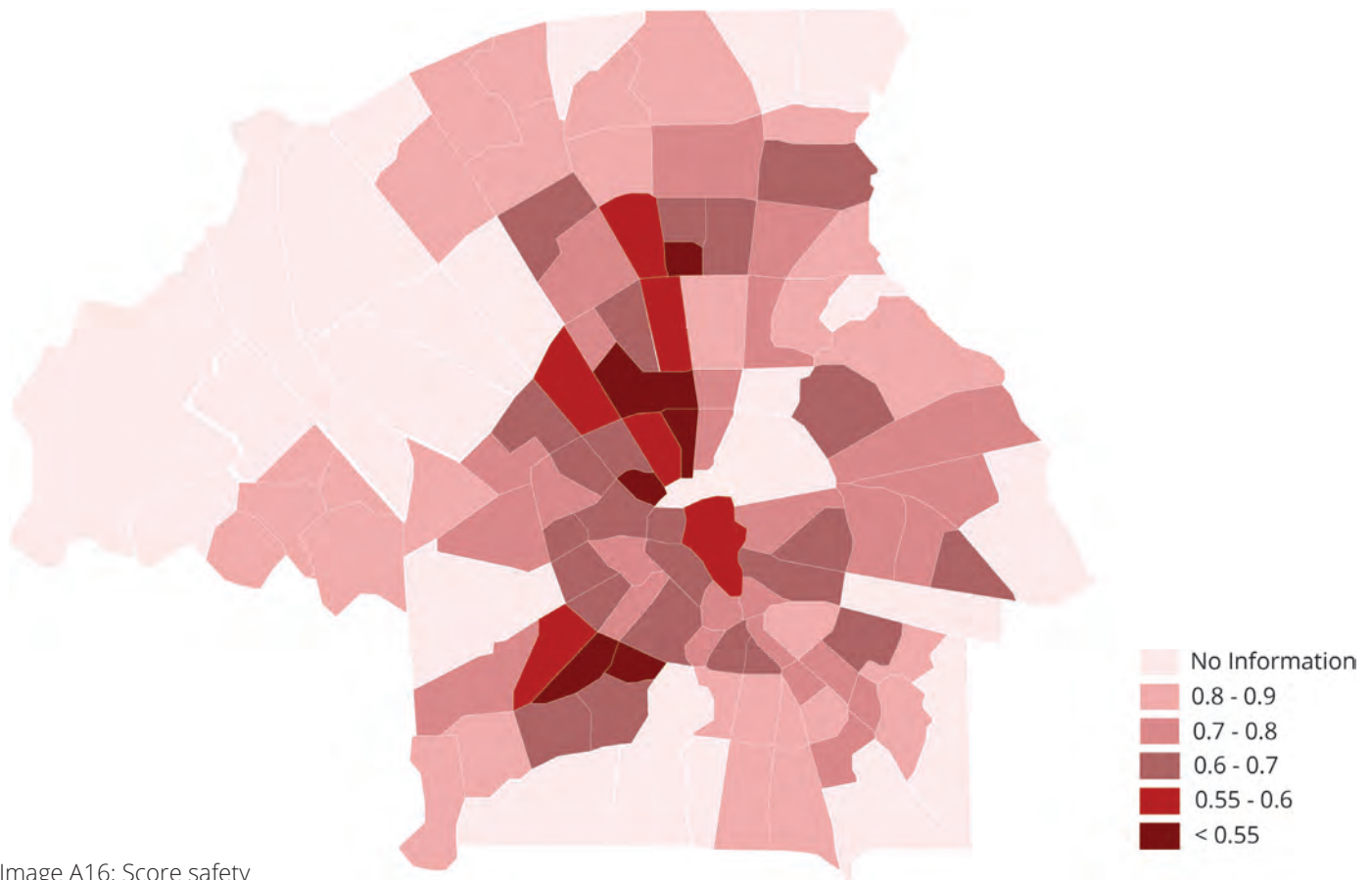


Image A16: Score safety

# Satisfaction Criminality

Table A15: Scoring satisfaction criminality

	Satisfaction Safety	Score			
Achtse Barrier-Gunterslaer	7.2	0.72	Koudenhoven	7.6	0.76
Achtse Barrier-Hoeven	7.3	0.73	Kronehoef	6.6	0.66
Achtse Barrier-Spaalhoef	7.2	0.72	Kruidenbuurt	7.3	0.73
Barrier	7	0.70	Lakerloopen	7.1	0.71
BeA2	-	-	Leenderheide	-	-
Beemden	-	-	Lievendaal	7.1	0.71
Bennekel-Oost	6.3	0.63	Limbeek-Noord	6.2	0.62
Bennekel-West, Gagelbosch	6.3	0.63	Limbeek-Zuid	6.2	0.62
Bergen	7.1	0.71	Looiakkers	7.3	0.73
Binnenstad	6.9	0.69	Luytelaer	7.3	0.73
Blaarthem	6.3	0.63	Meerbos	-	-
Blixembosch-Oost	7.6	0.76	Meerrijk	7.1	0.71
Blixembosch-West	7.6	0.76	Mensfort	6.6	0.66
Bloemenplein	7.1	0.71	Mispelhoef	-	-
Bokt	-	-	Muschberg, Geestenberg	7	0.70
Bosrijk	7.7	0.77	Nieuwe Erven	7.5	0.75
Burghplan	7	0.70	Ooievaarsnest	7.2	0.72
Castiliëlaan	-	-	Oude Gracht-Oost	7.4	0.74
Doornakkers-Oost	6.5	0.65	Oude Gracht-West	7.4	0.74
Doornakkers-West	6.5	0.65	Oude Spoorbaan	7.5	0.75
Drents Dorp	7.2	0.72	Oude Toren	7	0.70
Drieboeksbos	7.3	0.73	Park Forum	-	-
Eckart	7.3	0.73	Philipsdorp	7.2	0.72
Eckartdal	-	-	Poelijers	-	-
Elkenburg	7.8	0.78	Prinsejagt	7.3	0.73
Eindhoven Airport	-	-	Puttense Dreef	7.7	0.77
Eliasterrein, Vonderkwartier	7.4	0.74	Rapelenburg	6.3	0.63
Elzent-Noord	7.5	0.75	Rapenland	6.6	0.66
Elzent-Zuid	7.5	0.75	Riel	-	-
Engelsbergen	7.4	0.74	Rochusbuurt	7.3	0.73
Esp	-	-	Roosten	7.8	0.78
Fellenoord	-	-	Schoot	7.3	0.73
Flight Forum	-	-	Schouwbroek	7.2	0.72
Genderbeemd	7.3	0.73	Schrijversbuurt	7.5	0.75
Genderdal	6.7	0.67	Schuttersbosch	7.7	0.77
Generalenbuurt	6.9	0.69	Sintenbuurt	7	0.70
Gennep	-	-	Sportpark Aalsterweg	-	-
Gennepzijdje	7.5	0.75	Strijp S	7.6	0.76
Gerardusplein	7.4	0.74	't Hofke	7	0.70
Gijzenrooi	7.7	0.77	't Hooi	6.4	0.64
Gildebuurt	5.7	0.57	Tempel	7	0.70
Grasrijk	7.7	0.77	Tivoli	7	0.70
Hagenkamp	7.5	0.75	Tongelresche Akkers	6.5	0.65
Hanevoet	7.2	0.72	Tuindorp	7.5	0.75
Heesterakker	7.5	0.75	TU-terrein	-	-
Hemelrijken	5.7	0.57	Urkhoven	-	-
Herdgang	-	-	Vaartbroek	6.7	0.67
Het Ven	7.3	0.73	Villapark	7.6	0.76
Hondsheuvels	-	-	Vlokhoven	6.2	0.62
Hurk	-	-	Vredeoord	-	-
Irisbuurt	7.5	0.75	Waterrijk	7.1	0.71
Jagershoef	6.8	0.68	Wielewaal	-	-
Joriskwartier	7.3	0.73	Winkelcentrum	6.4	0.64
Kapelbeemd	-	-	Witte Dame	7.1	0.71
Karpen	7.6	0.76	Woenselse Heide	6.9	0.69
Kerkdorp Acht	7.9	0.79	Woenselse Watermolen	7	0.70
Kerstroosplein	7.1	0.71	Woensel-West	6.5	0.65
			Zandrijk	7.7	0.77
			Zwaanstraat	7.2	0.72

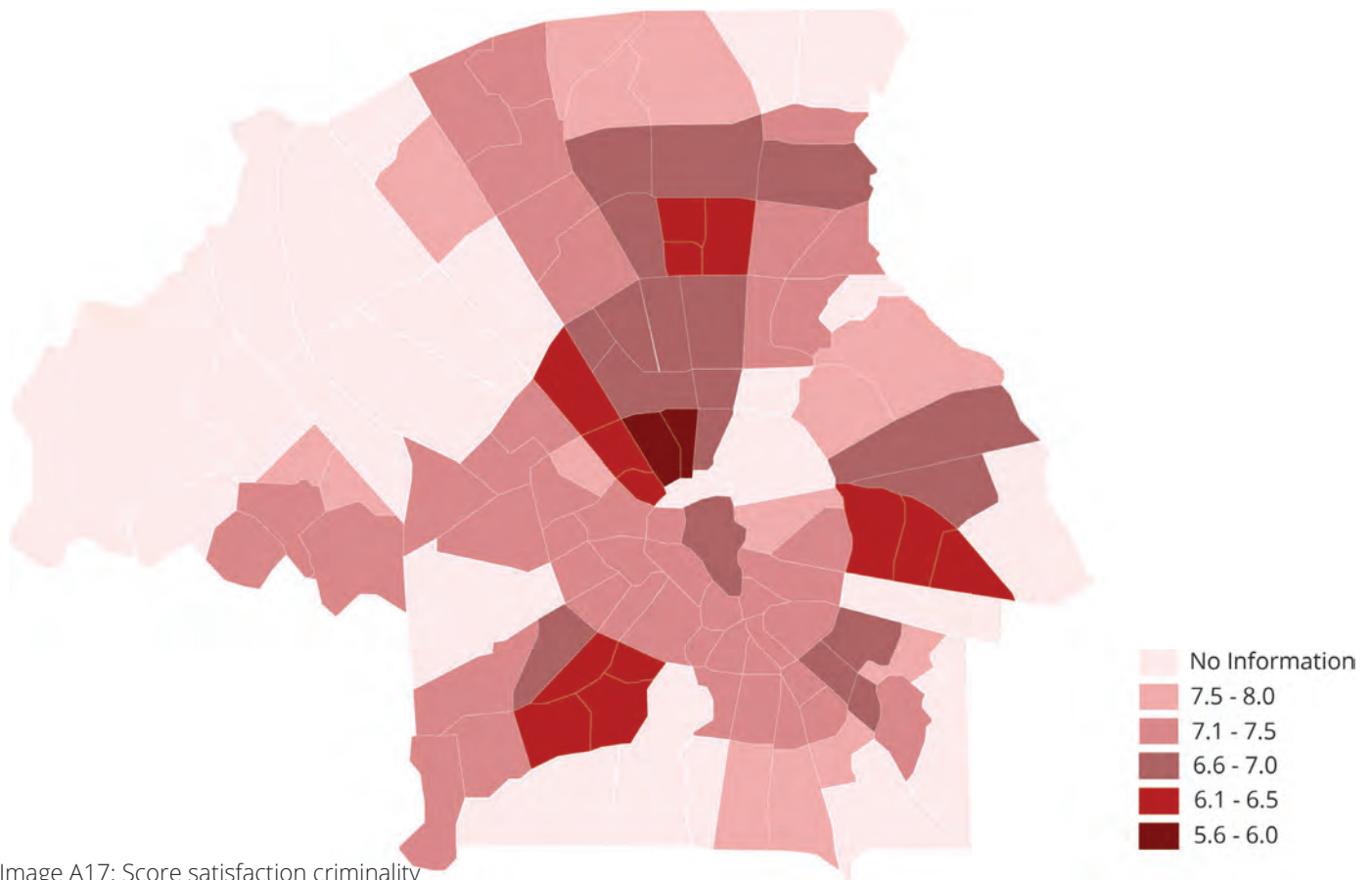


Image A17: Score satisfaction criminality

# Crime Rates

Table A16: Scoring crime rates

	Theft per 1000 inhabitants	Vandalism per 1000 inhabitants	Violence per 1000 inhabitants	Score
Achtse Barrier-Gunterslaer	1.00	1.00	1.00	1.00
Achtse Barrier-Hoeven	1.00	1.00	1.00	1.00
Achtse Barrier-Spaaihoef	1.00	1.00	1.00	1.00
Barrier	1.00	1.00	0.00	0.66
BeA2	-	-	-	-
Beemden	-	-	-	-
Bennekel-Oost	1.00	1.00	0.00	0.66
Bennekel-West, Gagelbosch	1.00	1.00	0.00	0.66
Bergen	1.00	0.00	0.00	0.33
Binnenstad	1.00	0.00	0.00	0.33
Blaarthem	1.00	0.00	0.00	0.33
Blixembosch-Oost	1.00	1.00	1.00	1.00
Blixembosch-West	1.00	1.00	1.00	1.00
Bloemenplein	1.00	0.00	0.00	0.33
Bokt	-	-	-	-
Bosrijk	1.00	1.00	1.00	1.00
Burghplan	1.00	0.00	0.00	0.33
Castiljélaan	-	-	-	-
Doornakkers-Oost	1.00	1.00	1.00	1.00
Doornakkers-West	1.00	1.00	0.00	0.66
Drents Dorp	1.00	1.00	0.00	0.66
Driehoeksbos	1.00	0.00	0.00	0.33
Eckart	1.00	1.00	0.00	0.66
Eckartdal	-	-	-	-
Eikenburg	1.00	1.00	1.00	1.00
Eindhoven Airport	-	-	-	-
Elaisterrein, Vonderkwartier	1.00	1.00	0.00	0.66
Elizent-Noord	1.00	0.00	1.00	0.66
Elizent-Zuid	0.00	1.00	1.00	0.66
Engelsbergen	1.00	0.00	0.00	0.33
Esp	-	-	-	-
Fellenoord	-	-	-	-
Flight Forum	-	-	-	-
Genderbeemd	1.00	1.00	0.00	0.66
Genderdal	1.00	0.00	0.00	0.33
Generalenbuurt	1.00	1.00	1.00	1.00
Gennep	-	-	-	-
Gennepzijdje	1.00	1.00	1.00	1.00
Gerardusplein	1.00	1.00	1.00	1.00
Gijzenrooi	1.00	1.00	1.00	1.00
Gildebuurt	1.00	0.00	0.00	0.33
Grasrijk	1.00	1.00	1.00	1.00
Hagenkamp	1.00	0.00	0.00	0.33
Hanevoet	1.00	1.00	1.00	1.00
Heesterakker	1.00	1.00	1.00	1.00
Hemelrijken	1.00	1.00	0.00	0.66
Herdgang	-	-	-	-
Het Ven	1.00	1.00	0.00	0.66
Hondsheuvels	-	-	-	-
Hurk	-	-	-	-
Irisbuurt	1.00	0.00	0.00	0.33
Jagershoef	1.00	0.00	0.00	0.33
Joriskwartier	1.00	1.00	0.00	0.66
Kapelbeemd	-	-	-	-
Karpen	1.00	1.00	0.00	0.33
Kerkdorp Acht	1.00	1.00	1.00	1.00
Kerstroosplein	1.00	1.00	1.00	1.00
Koudenhoven	1.00	1.00	1.00	1.00
Kronehoef	1.00	0.00	0.00	0.33
Kruidenbuurt	1.00	1.00	1.00	1.00
Lakerloopen	1.00	0.00	0.00	0.33
Leenderheide	-	-	-	-
Lievendaal	1.00	1.00	1.00	1.00
Limbeek-Noord	1.00	0.00	1.00	0.66
Limbeek-Zuid	1.00	0.00	0.00	0.33
Loolakkers	1.00	0.00	0.00	0.33
Luytelaer	1.00	1.00	1.00	1.00
Maerbos	-	-	-	-
Maerrijk	1.00	1.00	1.00	1.00
Mensfort	1.00	1.00	0.00	0.66
Mispelhoef	-	-	-	-
Muschberg, Geestenber	1.00	1.00	0.00	0.66
Nieuwe Erven	1.00	1.00	0.00	0.66
Ooievaarsnest	1.00	1.00	1.00	1.00
Oude Gracht-Oost	1.00	1.00	1.00	1.00
Oude Gracht-West	1.00	1.00	0.00	0.66
Oude Spoorbaan	1.00	1.00	0.00	0.66
Oude Toren	1.00	1.00	0.00	0.66
Park Forum	-	-	-	-
Philipsdorp	1.00	0.00	0.00	0.33
Poeijers	-	-	-	-
Prinsejagt	1.00	1.00	0.00	0.66
Puttense Dreef	1.00	1.00	1.00	1.00
Rapelenburg	1.00	0.00	0.00	0.33
Rapenland	1.00	0.00	0.00	0.33
Riel	-	-	-	-
Rochusbuurt	1.00	0.00	1.00	0.66
Roosten	1.00	1.00	1.00	1.00
Schoot	1.00	0.00	1.00	0.66
Schouwbroek	1.00	0.00	0.00	0.33
Schrijversbuurt	1.00	0.00	0.00	0.33
Schuttersbosch	1.00	0.00	1.00	0.66
Sintenbuurt	1.00	1.00	0.00	0.66
Sportpark Aalsterweg	-	-	-	-
Strijp S	1.00	0.00	0.00	0.33
't Hofke	1.00	1.00	0.00	0.66
't Hool	1.00	1.00	0.00	0.66
Tempel	1.00	1.00	0.00	0.66
Tivoli	1.00	1.00	0.00	0.66
Tongelresche Akkers	1.00	1.00	0.00	0.66
Tuindorp	1.00	1.00	1.00	1.00
TU-terrein	-	-	-	-
Urkhoven	-	-	-	-
Vaartbroek	1.00	1.00	0.00	0.66
Villapark	1.00	0.00	1.00	0.66
Vlokhoven	1.00	1.00	0.00	0.66
Vredeoord	-	-	-	-
Waterrijk	1.00	1.00	1.00	1.00
Wielewaal	-	-	-	-
Winkelcentrum	1.00	0.00	0.00	0.33
Witte Dame	1.00	0.00	0.00	0.33
Woenselse Heide	1.00	1.00	1.00	1.00
Woenselse Watermolen	1.00	1.00	0.00	0.66
Woensel-West	1.00	0.00	0.00	0.33
Zandrijck	1.00	1.00	1.00	1.00
Zwaanstraat	1.00	0.00	0.00	0.33

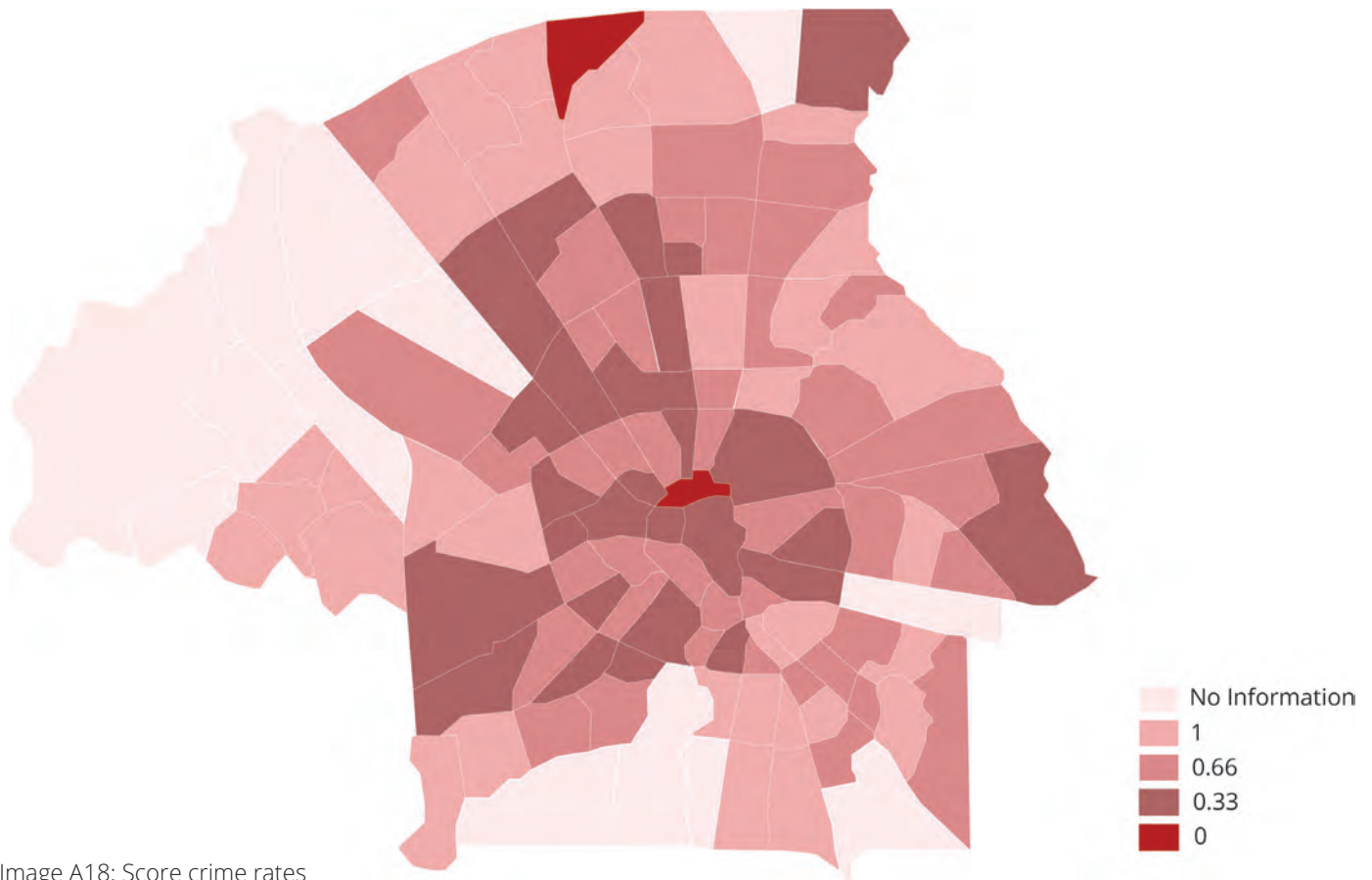


Image A18: Score crime rates

# Crime Rates - Theft

Table A17: Scoring crime rates - theft

	Theft per 1000 inhabitants	Score			
Achtse Barrier-Gunterslaer	3	1.00	Koudenhoven	8	1.00
Achtse Barrier-Hoeven	2	1.00	Kronehoef	8	1.00
Achtse Barrier-Spaaihoef	3	1.00	Kruidentbuurt	4	1.00
Barrier	3	1.00	Lakerloopen	6	1.00
BeA2	-	-	Leenderheide	-	-
Beemden	-	-	Lievendaal	3	1.00
Bennekel-Oost	4	1.00	Limbeek-Noord	5	1.00
Bennekel-West, Gagelbosch	4	1.00	Limbeek-Zuid	2	1.00
Bergen	12	1.00	Lootakkers	2	1.00
Binnenstad	6	1.00	Luytelaer	6	1.00
Blaarthem	4	1.00	Meerbos	-	-
Blixembosch-Oost	2	1.00	Meerrijk	4	1.00
Blixembosch-West	2	1.00	Mensfort	6	1.00
Bloemenplein	6	1.00	Mispelhoef	-	-
Bokt	-	-	Muschberg, Geestenberg	5	1.00
Bosrijk	3	1.00	Nieuwe Erven	4	1.00
Burghplan	4	1.00	Ooievaarsnest	3	1.00
Castilliaalaan	-	-	Oude Gracht-Oost	8	1.00
Doornakkers-Oost	4	1.00	Oude Gracht-West	3	1.00
Doornakkers-West	6	1.00	Oude Spoorbaan	13	1.00
Drehts Dorp	4	1.00	Oude Toren	4	1.00
Driehoeksbos	2	1.00	Park Forum	-	-
Eckart	4	1.00	Philipsdorp	4	1.00
Eckartdal	-	-	Poeljers	-	-
Eikenburg	10	1.00	Prinsejagt	3	1.00
Eindhoven Airport	-	-	Puttense Dreef	2	1.00
Elasterrein, Vanderkwartier	7	1.00	Rapenburg	4	1.00
Elzent-Noord	9	1.00	Rapenland	3	1.00
Elzent-Zuid	32	0.00	Riel	-	-
Engelsbergen	8	1.00	Rochusbuurt	9	1.00
Esp	-	-	Roosten	4	1.00
Fellenoord	-	-	Schoot	8	1.00
Flight Forum	-	-	Schouwbroek	8	1.00
Genderbeemd	4	1.00	Schrijversbuurt	5	1.00
Genderdal	9	1.00	Schuttersbosch	7	1.00
Generalenbuurt	4	1.00	Sintenbuurt	6	1.00
Gennep	-	-	Sportpark Aalsterweg	-	-
Genneperzijde	7	1.00	Strijp S	2	1.00
Gerardusplein	4	1.00	't Hofke	5	1.00
Gijzenrooi	2	1.00	't Hooi	7	1.00
Gildebuurt	10	1.00	Tempel	4	1.00
Grasrijk	2	1.00	Tivoli	2	1.00
Hagenkamp	7	1.00	Tongelresche Akkers	4	1.00
Hanevoet	3	1.00	Tuindorp	10	1.00
Heesterakker	0	1.00	TU-terrein	-	-
Hemelrijken	5	1.00	Urkhoven	-	-
Herdgang	-	-	Vaartbroek	5	1.00
Het Ven	4	1.00	Villapark	7	1.00
Hondsheuvels	-	-	Vlokhoven	6	1.00
Hurk	-	-	Vredeoord	-	-
Irisbuurt	6	1.00	Waterrijk	1	1.00
Jagershoef	4	1.00	Wielewaal	-	-
Joriskwartier	6	1.00	Winkelcentrum	1	1.00
Kapelbeemd	-	-	Witte Dame	3	1.00
Karpen	7	1.00	Woenselse Heide	3	1.00
Kerkdorp Acht	4	1.00	Woenselse Watermolen	11	1.00
Kerstroosplein	9	1.00	Woensel-West	4	1.00
			Zandrijk	1	1.00
			Zwaanstraat	7	1.00

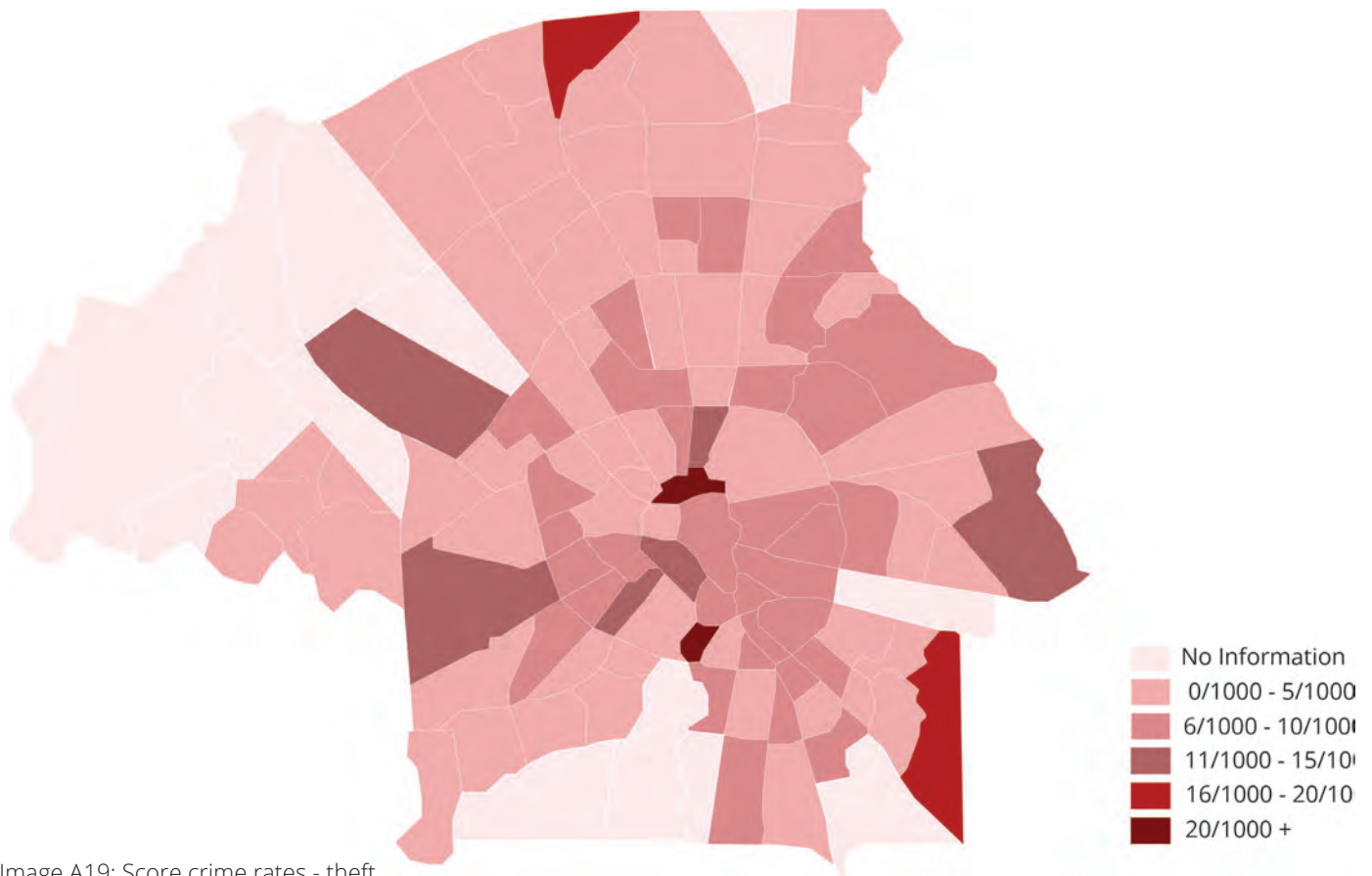


Image A19: Score crime rates - theft

# Crime Rates - Vandalism

Table A18: Scoring crime rates - vandalism

	Vandalism per 1000 inhabitants	Score			
Achtse Barrier-Gunterslaer	1	1.00	Kronenhoef	7	0.00
Achtse Barrier-Hoeven	3	1.00	Kruidenbuurt	4	1.00
Achtse Barrier-Spaalhoef	3	1.00	Lakerloopen	9	0.00
Barrier	5	1.00	Leenderheide	-	-
BeA2	-	-	Lievendaal	5	1.00
Beemden	-	-	Limbeek-Noord	12	0.00
Bennekel-Oost	4	1.00	Limbeek-Zuid	7	0.00
Bennekel-West, Gagelbosch	3	1.00	Looiakkers	18	0.00
Bergen	8	0.00	Luytelaer	1	1.00
Binnenstad	31	0.00	Meerbos	-	-
Blaarthem	12	0.00	Meerrijk	2	1.00
Blixembosch-Oost	2	1.00	Mensfort	5	1.00
Blixembosch-West	1	1.00	Mispelhoef	-	-
Bloemenplein	8	0.00	Muschberg, Geestenberg	4	1.00
Bokt	-	-	Nieuwe Erven	4	1.00
Bosrijk	3	1.00	Ooievaarsnest	0	1.00
Burghplan	7	0.00	Oude Gracht-Oost	5	1.00
Castiljélaan	-	-	Oude Gracht-West	3	1.00
Doornakkers-Oost	3	1.00	Oude Spoorbaan	5	1.00
Doornakkers-West	6	1.00	Oude Toren	3	1.00
Drents Dorp	6	1.00	Park Forum	-	-
Driehoeksbos	14	0.00	Philipsdorp	10	0.00
Eckart	4	1.00	Poeijers	-	-
Eckartdal	-	-	Prinsejagt	5	1.00
Eikenburg	3	1.00	Puttense Dreef	5	1.00
Eindhoven Airport	-	-	Rapelenburg	11	0.00
Eliasterrein, Vanderkwartier	5	1.00	Rapenland	8	0.00
Elzert-Noord	11	0.00	Riet	-	-
Elzert-Zuid	4	1.00	Rochusbuurt	8	0.00
Engelsbergen	8	0.00	Roosten	4	1.00
Esp	-	-	Schoot	8	0.00
Fellenoord	-	-	Schouwbroek	7	0.00
Flight Forum	-	-	Schrijversbuurt	7	0.00
Genderbeemd	3	1.00	Schuttersbosch	7	0.00
Genderdal	7	0.00	Sintebuurt	6	1.00
Generalenbuurt	4	1.00	Sportpark Aalsterweg	-	-
Ganep	-	-	Strijp S	1	0.00
Genneperszijde	3	1.00	't Hofke	5	1.00
Gerardusplein	4	1.00	't Hool	3	1.00
Gijzenrool	2	1.00	Tempel	4	1.00
Gildebuurt	12	0.00	Tivoli	6	1.00
Grasrijk	2	1.00	Tongelresche Akkers	1	1.00
Hagenkamp	8	0.00	Tuindorp	5	1.00
Hanevoet	4	1.00	TU-terrein	-	-
Heesterakker	2	1.00	Urkhoven	-	-
Hemelrijken	6	1.00	Vaartbroek	6	1.00
Herdgang	-	-	Villapark	11	0.00
Het Ven	3	1.00	Vlokhoven	5	1.00
Hondsheuvels	-	-	Vredeoord	-	-
Hurk	-	-	Waterrijk	2	1.00
Irisbuurt	8	0.00	Wielewaal	-	-
Jagershoef	7	0.00	Winkelcentrum	19	0.00
Joriskwartier	5	1.00	Witte Dame	33	0.00
Kapelbeemd	-	-	Woenselse Heide	6	1.00
Karpen	2	1.00	Woenselse Watermolen	5	1.00
Kerkdorp Acht	2	1.00	Woensel-West	10	0.00
Kerstroosplein	4	1.00	Zandrijk	2	1.00
Koudenhoven	4	1.00	Zwaanstraat	9	0.00

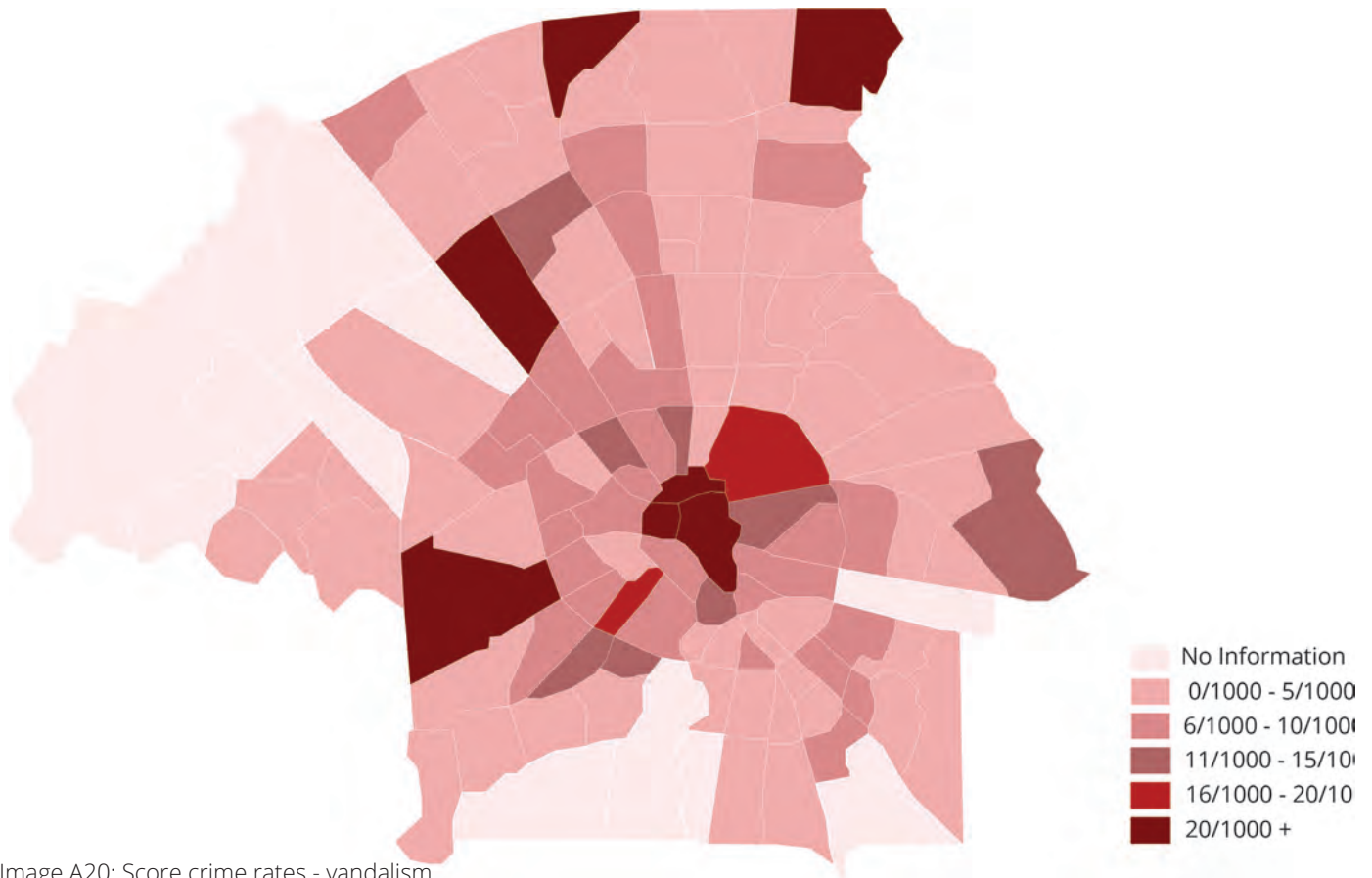


Image A20: Score crime rates - vandalism

# Crime Rates - Violence

Table A19: Scoring crime rates - violence

	Violence per 1000 inhabitants	Score			
Achtse Barrier-Gunterslaer	2	1.00	Kronehoef	9	0.00
Achtse Barrier-Hoeven	3	1.00	Kruidenbuurt	3	1.00
Achtse Barrier-Spaalhoef	1	1.00	Lakerloper	8	0.00
Barrier	7	0.00	Leenderheide	-	-
BeA2	-	-	Lievendaal	4	1.00
Beemden	-	-	Limbeek-Noord	4	1.00
Bennekel-Oost	11	0.00	Limbeek-Zuid	14	0.00
Bennekel-West, Gagelbosch	6	0.00	Loolakkers	13	0.00
Bergen	11	0.00	Luytelaer	0	1.00
Binnenstad	110	0.00	Maerbos	-	-
Blaarthem	10	0.00	Meerrijk	4	1.00
Blixembosch-Oost	1	1.00	Mensfort	8	0.00
Blixembosch-West	0	1.00	Mispelhoef	-	-
Bloemenplein	5	0.00	Muschberg, Geestenberg	7	0.00
Bokt	-	-	Nieuwe Erven	9	0.00
Bosrijk	0	1.00	Ooievaarsnest	1	1.00
Burghplan	8	0.00	Oude Gracht-Oost	2	1.00
Castiljelaan	64	-	Oude Gracht-West	5	0.00
Doommakers-Oost	4	1.00	Oude Spoorbaan	7	0.00
Doommakers-West	5	0.00	Oude Toren	7	0.00
Drents Dorp	8	0.00	Park Forum	-	-
Driehoeksbos	15	0.00	Philipsdorp	5	0.00
Eckart	5	0.00	Poelijers	-	-
Eckartdal	-	-	Prinsejagt	6	0.00
Eikenburg	1	1.00	Puttense Dreef	0	1.00
Eindhoven Airport	-	-	Rapelenburg	5	0.00
Eliasterrein, Vonderkwartier	5	0.00	Rapenland	14	0.00
Elzant-Noord	2	1.00	Riel	-	-
Elzant-Zuid	0	1.00	Rochusbuurt	3	1.00
Engelsbergen	5	0.00	Roosten	3	1.00
Esp	-	-	Schoot	3	1.00
Fellenoord	-	-	Schouwbroek	8	0.00
Flight Forum	-	-	Schrijversbuurt	6	0.00
Genderbeemd	6	0.00	Schuttersbosch	3	1.00
Genderdal	7	0.00	Sintenbuurt	11	0.00
Generalenbuurt	4	1.00	Sportpark Aalsterweg	-	-
Ganep	-	-	Strijp S	8	0.00
Gennepzijdje	4	1.00	't Hofke	5	0.00
Gerardusplein	2	1.00	't Hooft	7	0.00
Gijzenrool	1	1.00	Tempel	6	0.00
Gildebuurt	10	0.00	Tivoli	9	0.00
Grasrijk	1	1.00	Tongelresche Akkers	5	0.00
Hagenkamp	7	0.00	Tuindorp	2	1.00
Hanevoet	3	1.00	TU-terrein	-	-
Heesterakker	0	1.00	Urkhoven	-	-
Hemeirijken	9	0.00	Vaartbroek	7	0.00
Herdgang	-	-	Villapark	4	1.00
Het Ven	6	0.00	Vlokhoven	6	0.00
Hondsheuvels	-	-	Vredeoord	-	-
Hurk	-	-	Waterrijk	3	1.00
Irisbuurt	8	0.00	Wielewaal	-	-
Jagershoef	7	0.00	Winkelcentrum	22	0.00
Joriskwartier	11	0.00	Witte Dame	31	0.00
Kapelbeemd	-	-	Woenselse Heide	3	1.00
Karpen	5	0.00	Woenselse Watermolen	7	0.00
Kerkdorp Acht	3	1.00	Woensel-West	8	0.00
Kerstroosplein	4	1.00	Zandrijk	1	1.00
Koudenhoven	0	1.00	Zwaanstraat	6	0.00

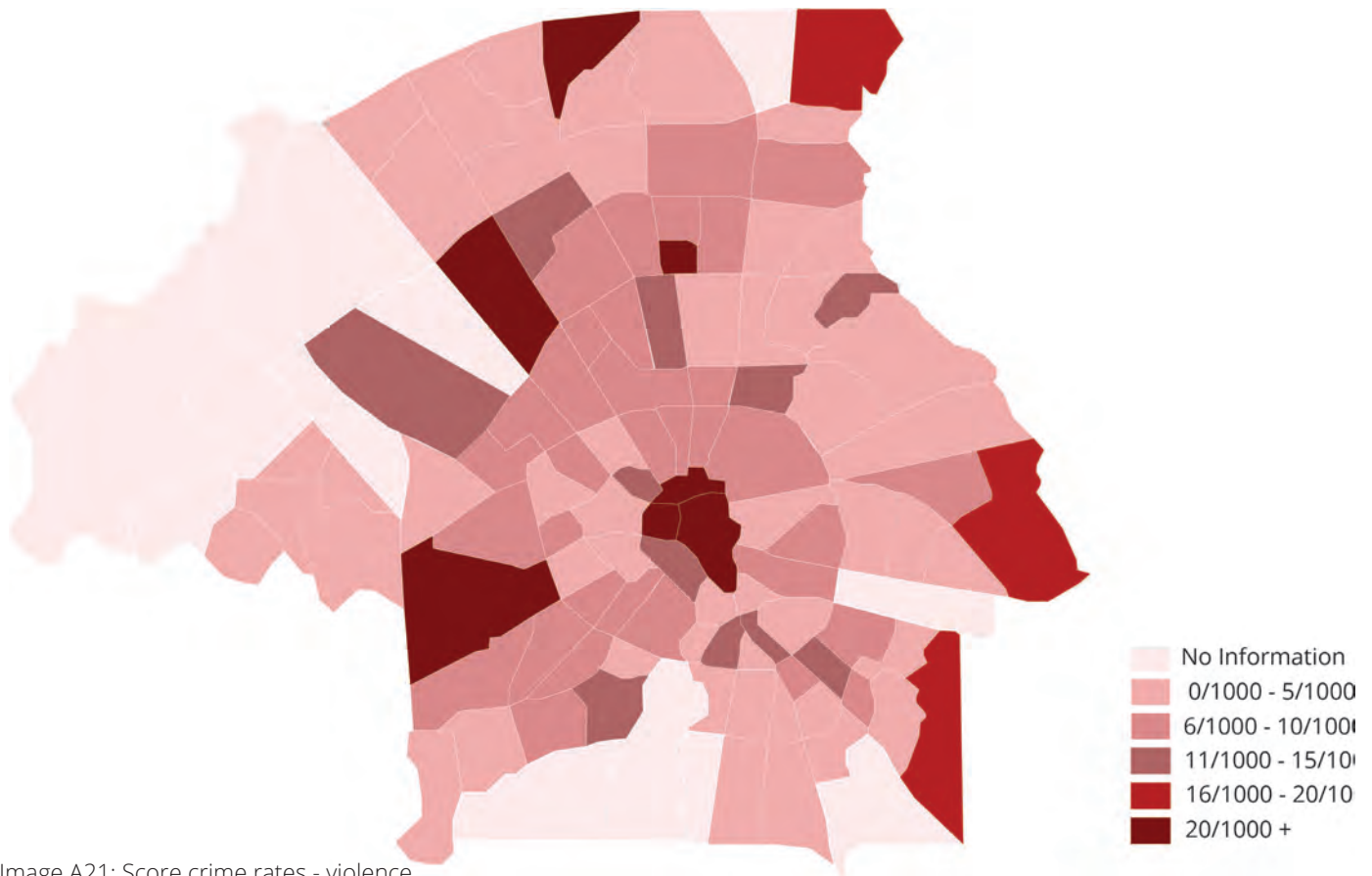


Image A21: Score crime rates - violence

# Perceived Safety

Table A20: Scoring perceived safety

	Experience of unsafety (%)	Perceived Safety (%)	Score
Achtse Barrier-Gunterslaer	18	82	0.82
Achtse Barrier-Hoeven	18	82	0.82
Achtse Barrier-Spaaihoef	13	87	0.87
Barrier	18	82	0.82
BeA2	.	.	.
Beemden	.	.	.
Bennekel-Oost	32	68	0.68
Bennekel-West, Gagelbosch	32	68	0.68
Bergen	25	75	0.75
Binnenstad	27	73	0.73
Blaarthem	37	63	0.63
Blixembosch-Oost	7	93	0.93
Blixembosch-West	7	93	0.93
Bloemenplein	16	84	0.84
Bokt	.	.	.
Bosrijk	10	90	0.90
Burghplan	22	78	0.78
Castiljelaan	.	.	.
Doornakkers-Oost	31	69	0.69
Doornakkers-West	31	69	0.96
Dreits Dorp	16	84	0.84
Driehoeksbos	16	84	0.84
Eckart	15	85	0.85
Eckartdal	.	.	.
Eikenburg	11	89	0.89
Eindhoven Airport	.	.	.
Elasterrein, Vanderkwartier	17	83	0.83
Elzent-Noord	11	89	0.89
Elzent-Zuid	11	89	0.89
Engelsbergen	17	83	0.83
Esp	.	.	.
Fellenoord	.	.	.
Flight Forum	.	.	.
Genderbeemd	18	82	0.82
Genderdal	32	68	0.68
Generalenbuurt	27	73	0.73
Gennep	.	.	.
Genneperzijde	11	89	0.89
Gerardusplein	14	86	0.86
Gijzenrooi	12	88	0.88
Gildebuurt	46	54	0.54
Grasrijk	10	90	0.90
Hagenkamp	16	84	0.84
Hanevoet	12	88	0.88
Heesterakker	12	88	0.88
Hemelrijken	46	54	0.54
Herdgang	.	.	.
Het Ven	13	87	0.87
Hondsheuvels	.	.	.
Hurk	.	.	.
Irisbuurt	12	88	0.88
Jagershoef	29	71	0.71
Joriskwartier	12	88	0.88
Kapelbeemd	.	.	.
Karpen	8	92	0.92
Kerkdorp Acht	7	93	0.93
Kerstroosplein	16	84	0.84
Koudenhoven	8	92	0.92
Kronehoef	37	63	0.63
Kruidentbuurt	16	84	0.84
Lakerloopen	20	80	0.80
Leenderheide	.	.	.
Lievendaal	22	78	0.78
Limbeek-Noord	39	61	0.61
Limbeek-Zuid	39	61	0.61
Looiakkers	12	88	0.88
Luytelaar	15	85	0.85
Meerbos	.	.	.
Meerrijk	20	80	0.80
Mensfort	29	71	0.71
Mispelhoef	.	.	.
Muschberg, Geestenber	23	77	0.77
Nieuwe Erven	12	88	0.88
Ooievaarsnest	12	88	0.88
Oude Gracht-Oost	20	80	0.80
Oude Gracht-West	20	80	0.80
Oude Spoorbaan	16	84	0.84
Oude Toren	20	80	0.80
Park Forum	.	.	.
Philipsdorp	18	82	0.82
Poeijers	.	.	.
Prinsejagt	16	84	0.84
Pultense Dreef	12	88	0.88
Rapelenburg	37	63	0.63
Rapenland	29	71	0.71
Riel	.	.	.
Rochusbuurt	12	88	0.88
Roosten	11	89	0.89
Schoot	13	87	0.87
Schouwbroek	18	82	0.82
Schrijversbuurt	16	84	0.84
Schuttersbosch	12	88	0.88
Sintebuurt	22	78	0.78
Sportpark Aalsterweg	.	.	.
Strijp S	11	89	0.89
't Hofke	23	77	0.77
't Hool	39	61	0.61
Tempel	25	75	0.75
Tivoli	22	78	0.78
Tongelresche Akkers	31	69	0.69
Tuindorp	12	88	0.88
TU-terrein	.	.	.
Urkhoven	.	.	.
Vaartbroek	26	74	0.74
Villapark	8	92	0.92
Vlokhoven	34	66	0.66
Vredeoord	.	.	.
Waterrijk	20	80	0.80
Wielewaal	.	.	.
Winkelcentrum	39	61	0.61
Witte Dame	25	75	0.75
Woenselse Heide	26	74	0.74
Woenselse Watermolen	20	20	0.80
Woensel-West	30	70	0.70
Zandrijk	10	90	0.90
Zwaanstraat	16	84	0.84

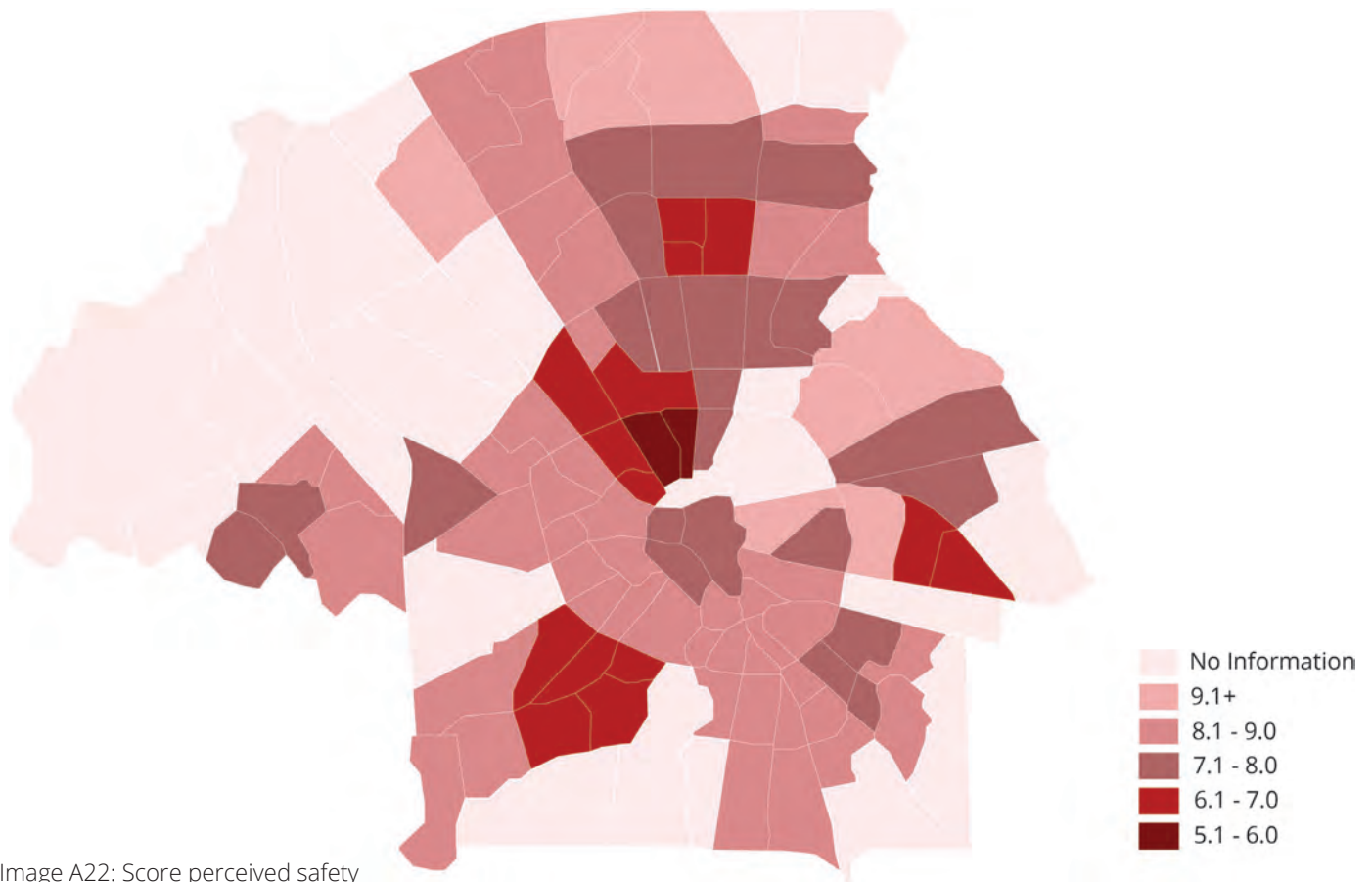


Image A22: Score perceived safety



# Physical Space

Table A21: Scoring physical space

	Density	Infrastructure	Mix of Function	Public Space	Score
Achtse Barrier-Gunterslaer	0.25	0.50	0.75	0.67	0.54
Achtse Barrier-Hoeven	0.50	0.46	0.25	0.68	0.47
Achtse Barrier-Spaalhoef	0.25	0.44	0.25	0.69	0.41
Barrier	0.75	0.51	0.25	0.72	0.56
BeA2	-	-	-	-	-
Beemden	-	-	-	-	-
Bennekel-Oost	0.75	0.59	0.25	0.70	0.57
Bennekel-West, Gagelbosch	0.75	0.59	0.00	0.71	0.51
Bergen	0.75	0.77	1.00	0.71	0.81
Binnenstad	0.75	0.77	0.75	0.69	0.74
Blaarthem	1.00	0.68	0.25	0.68	0.65
Blixembosch-Oost	0.25	0.48	0.50	0.81	0.51
Blixembosch-West	0.00	0.48	0.50	0.81	0.45
Bloemenplein	0.50	0.70	0.50	0.69	0.60
Bokt	-	-	-	-	-
Bosrijk	0.00	0.57	0.50	0.80	0.47
Burghplan	0.75	0.64	0.25	0.72	0.59
Castilliaan	-	-	-	-	-
Doornakkers-Oost	0.75	0.55	0.25	0.67	0.56
Doornakkers-West	0.50	0.55	0.50	0.67	0.56
Drents Dorp	0.50	0.60	0.25	0.68	0.51
Driehoeksbos	0.00	0.56	0.50	0.70	0.44
Eckart	1.00	0.49	0.25	0.64	0.60
Eckartdal	-	-	-	-	-
Eikenburg	0.00	0.69	0.50	0.77	0.49
Eindhoven Airport	-	-	-	-	-
Eliasterrein, Vonderkwartier	0.00	0.74	0.50	0.70	0.49
Elzent-Noord	0.50	0.67	1.00	0.82	0.75
Elzent-Zuid	0.00	0.67	0.75	0.82	0.56
Engelsbergen	0.00	0.74	0.75	0.70	0.55
Esp	-	-	-	-	-
Fellenoord	-	-	-	-	-
Flight Forum	-	-	-	-	-
Genderbeemd	0.25	0.57	0.25	0.73	0.45
Genderdal	0.50	0.53	0.25	0.72	0.50
Generalenbuurt	1.00	0.62	0.00	0.75	0.59
Gennepe	-	-	-	-	-
Genneperzijde	0.50	0.67	0.25	0.82	0.56
Gerardusplein	1.00	0.71	0.50	0.74	0.74
Gijzenrooi	0.00	0.58	0.50	0.74	0.46
Gildebuurt	0.25	0.79	0.50	0.62	0.54
Grasrijk	0.50	0.57	0.25	0.79	0.53
Hagenkamp	0.50	0.65	0.00	0.80	0.49
Hanevoet	0.75	0.58	0.25	0.67	0.56
Heesterakker	0.50	0.41	0.25	0.69	0.46
Hemelrijken	0.00	0.79	0.25	0.62	0.42
Herdgang	-	-	-	-	-
Het Ven	0.25	0.68	0.50	0.68	0.53
Hondsheuvels	-	-	-	-	-
Hurk	-	-	-	-	-
Irisbuurt	0.50	0.77	0.75	0.69	0.68
Jagershoef	0.75	0.59	0.00	0.60	0.49
Joriskwartier	0.50	0.78	0.50	0.72	0.63
Kapelbeemd	-	-	-	-	-
Karpen	0.00	0.67	1.00	0.68	0.59
Kerkdorp Acht	0.00	0.39	0.50	0.69	0.40
Kerstroosplein	0.50	0.70	0.50	0.69	0.60
Koudenhoven	0.00	0.67	0.50	0.68	0.46
Kronehoef	1.00	0.63	0.00	0.63	0.57
Kruidebuurt	0.00	0.61	0.25	0.68	0.39
Lakerloepen	1.00	0.67	0.50	0.70	0.72
Leenderheide	-	-	-	-	-
Lievendaal	0.25	0.56	0.25	0.75	0.45
Limbeek-Noord	0.75	0.68	0.25	0.58	0.57
Limbeek-Zuid	0.75	0.68	0.00	0.58	0.50
Looiakkers	0.00	0.78	0.75	0.72	0.56
Luyteleer	0.00	0.49	0.50	0.64	0.41
Meerbos	-	-	-	-	-
Meerrijk	0.00	0.58	0.25	0.76	0.40
Mensfort	1.00	0.59	0.25	0.69	0.63
Mispelhoef	-	-	-	-	-
Muschberg, Geestenber	0.50	0.56	0.50	0.71	0.57
Nieuwe Erven	0.75	0.77	0.50	0.68	0.68
Ooievaarsnest	0.00	0.58	0.50	0.67	0.44
Oude Gracht-Oost	0.00	0.63	0.50	0.71	0.46
Oude Gracht-West	0.75	0.63	0.25	0.71	0.59
Oude Spoorbaan	0.75	0.75	0.25	0.80	0.64
Oude Toren	1.00	0.67	0.00	0.74	0.60
Park Forum	-	-	-	-	-
Philipsdorp	1.00	0.70	0.50	0.70	0.73
Poeijers	-	-	-	-	-
Prinsejagt	0.50	0.56	0.00	0.70	0.44
Puttense Dreef	0.00	0.58	0.50	0.74	0.46
Rapelenburg	0.50	0.68	0.75	0.68	0.65
Rapenland	0.25	0.59	0.25	0.69	0.45
Riel	-	-	-	-	-
Rochusbuurt	0.00	0.78	0.50	0.72	0.50
Roosten	0.00	0.69	1.00	0.77	0.62
Schoot	0.50	0.68	0.25	0.68	0.53
Schouwbroek	1.00	0.70	0.25	0.70	0.66
Schrijversbuurt	0.75	0.75	0.75	0.80	0.76
Schuttersbosch	0.00	0.58	0.25	0.74	0.39
Sintenbuurt	1.00	0.64	0.25	0.72	0.65
Sportpark Aalsterweg	-	-	-	-	-
Strijp S	0.50	0.74	0.25	0.69	0.55
't Hofke	0.00	0.56	0.25	0.71	0.38
't Hool	1.00	0.67	0.00	0.77	0.61
Tempel	0.25	0.55	0.25	0.63	0.42
Tivoli	0.75	0.64	0.00	0.72	0.53
Tongelresche Akkers	0.25	0.55	0.25	0.67	0.43
Tuindorp	0.75	0.77	0.25	0.68	0.61
TU-terrein	-	-	-	-	-
Urkhoven	-	-	-	-	-
Vaartbroek	0.50	0.46	0.25	0.61	0.46
Villapark	0.25	0.67	1.00	0.68	0.65
Vlokhoven	1.00	0.50	0.00	0.69	0.55
Vredeoord	-	-	-	-	-
Waterrijk	0.25	0.58	0.50	0.76	0.52
Wielewaal	-	-	-	-	-
Winkalcentrum	0.25	0.67	1.00	0.77	0.67
Witte Dame	0.00	0.77	0.75	0.71	0.56
Woenselse Heide	1.00	0.51	0.25	0.70	0.62
Woenselse Watermolen	0.75	0.67	0.00	0.74	0.54
Woensel-West	1.00	0.64	0.50	0.69	0.71
Zandrijk	0.75	0.57	0.25	0.79	0.59
Zwaanstraat	0.00	0.60	0.50	0.68	0.45



Image A23: Score physical space

# Density

Table A22: Scoring density

	Number of inhabitants	Size (ha)	Density	Score
Achtse Barrier-Gunterslaer	3695	101	37	0.25
Achtse Barrier-Hoeven	3883	74	52	0.50
Achtse Barrier-Spaalhoef	4470	101	44	0.25
Barrier	2045	26	79	0.75
BeA2	-	-	-	-
Beemden	-	-	-	-
Bennekel-Oost	3341	58	58	0.75
Bennekel-West, Gagelbosch	3318	60	55	0.75
Bergen	2794	34	82	0.75
Binnenstad	3890	66	59	0.75
Blaarthem	2444	36	68	1.00
Blixembosch-Oost	7218	166	43	0.25
Blixembosch-West	2046	73	28	0.00
Bloemenplein	1216	13	94	0.50
Bokt	-	-	-	-
Bosrijk	429	33	13	0.00
Burghplan	2935	50	59	0.75
Castillèlaan	-	-	-	-
Doornakkers-Oost	2879	51	56	0.75
Doornakkers-West	3523	71	50	0.50
Drents Dorp	2379	45	53	0.50
Driehoeksbos	954	77	12	0.00
Eckart	4287	66	65	1.00
Eckartdal	-	-	-	-
Elkenburg	1536	78	20	0.00
Eindhoven Airport	-	-	-	-
Eliasterrein, Vonderkwartier	3168	30	106	0.00
Elzent-Noord	1049	21	50	0.50
Elzent-Zuid	294	13	23	0.00
Engelsbergen	646	32	20	0.00
Esp	-	-	-	-
Fellenoord	-	-	-	-
Flight Forum	-	-	-	-
Genderbeemd	3564	99	36	0.25
Genderdal	2831	58	49	0.50
Generalbuurt	5410	82	66	1.00
Gennep	-	-	-	-
Gennepertzijde	1357	29	47	0.50
Gerardusplein	3355	46	73	1.00
Gijzenrooi	1791	59	30	0.00
Gildebuurt	2058	21	98	0.25
Grasrijk	5862	128	46	0.50
Hagenkamp	1209	26	47	0.50
Hanevoet	3622	66	55	0.75
Heesterakker	2631	52	51	0.50
Hemelrijken	3997	37	108	0.00
Herdgang	-	-	-	-
Het Ven	3811	88	43	0.25
Hondsheuvels	-	-	-	-
Hurk	-	-	-	-
Irisbuurt	2586	53	49	0.50
Jagershoef	3495	55	64	0.75
Joriskwartier	1289	15	86	0.50
Kapelbeemd	-	-	-	-
Karpen	453	77	6	0.00
Kerkdorp Acht	3513	136	26	0.00
Kerstroosplein	1853	21	88	0.50
roucennoven	-	-	-	-
Kronehoef	4509	67	67	1.00
Kruidenbuurt	3132	29	108	0.00
Lakerlopen	3242	49	66	1.00
Leenderheide	-	-	-	-
Lievendaal	3103	88	35	0.25
Limbeek-Noord	2438	31	79	0.75
Limbeek-Zuid	1367	18	76	0.75
Looiakkers	698	23	30	0.00
Luytelaar	971	60	16	0.00
Meerbos	-	-	-	-
Meerrijk	924	60	15	0.00
Mensfort	3048	46	66	1.00
Mispelhoef	-	-	-	-
Muschberg, Geestenber	3884	77	50	0.50
Nieuwe Erven	1143	15	76	0.75
Ooievaarsnest	909	80	11	0.00
Oude Gracht-Oost	1331	60	22	0.00
Oude Gracht-West	2785	51	55	0.75
Oude Spoorbaan	2180	27	81	0.75
Oude Toren	1681	26	65	1.00
Park Forum	-	-	-	-
Philipsdorp	3092	42	74	1.00
Poelijers	-	-	-	-
Prinsejagt	4737	95	50	0.50
Puttense Dreef	1297	38	34	0.00
Rapenburg	1120	22	51	0.50
Rapenland	2350	53	44	0.25
Riel	-	-	-	-
Rochusbuurt	1784	15	119	0.00
Roosten	752	90	8	0.00
Schoot	3587	39	92	0.50
Schouwbroek	1493	22	68	1.00
Schrijversbuurt	3592	59	61	0.75
Schuttersbosch	627	38	17	0.00
Sintenbuurt	1825	26	70	1.00
Sportpark Aalsterweg	-	-	-	-
Strijp S	2729	30	91	0.50
't Hofke	3737	150	25	0.00
't Hool	2242	34	66	1.00
Tempel	5101	117	44	0.25
Tivoli	1506	18	84	0.75
Tongelresche Akkers	1888	47	40	0.25
Tuindorp	2899	45	64	0.75
TU-terrein	-	-	-	-
Urkhoven	-	-	-	-
Vaartbroek	5179	101	51	0.50
Villapark	2432	55	44	0.25
Vlokhoven	3509	54	65	1.00
Vredeoord	-	-	-	-
Waterrijk	2528	59	43	0.25
Wielewaal	-	-	-	-
Winkelcentrum	681	18	38	0.25
Witte Dame	2250	18	125	0.00
Woenselse Heide	5268	81	65	1.00
Woenselse Watermolen	1395	24	58	0.75
Woensel-West	4518	70	65	1.00
Zandrijk	2883	38	76	0.75
Zwaanstraat	1293	52	25	0.00



Image A24: Score density

# Infrastructure

Table A23: Scoring infrastructure

	Bike	Pedestrian	Public Transport	Score
Achtse Barrier-Gunterslaer	0.3	0.16	0.04	0.50
Achtse Barrier-Hoeven	0.31	0.1	0.05	0.46
Achtse Barrier-Spaalhoef	0.29	0.08	0.07	0.44
Barrier	0.4	0.09	0.02	0.51
BeA2	-	-	-	-
Beemden	-	-	-	-
Bennekel-Oost	0.41	0.16	0.02	0.59
Bennekel-West, Gagelbosch	0.41	0.16	0.02	0.59
Bergen	0.31	0.45	0.01	0.77
Binnenstad	0.37	0.37	0.03	0.77
Blaarthem	0.43	0.22	0.03	0.68
Blixembosch-Oost	0.35	0.07	0.06	0.48
Blixembosch-West	0.35	0.07	0.06	0.48
Bloemenplein	0.43	0.25	0.02	0.70
Bokt	-	-	-	-
Bosrijk	0.42	0.11	0.04	0.57
Burghplan	0.44	0.19	0.01	0.64
Castillélaan	-	-	-	-
Doornakkers-Oost	0.35	0.17	0.03	0.55
Doornakkers-West	0.35	0.17	0.03	0.55
Dreits Dorp	0.51	0.06	0.03	0.60
Driehoeksbos	0.41	0.13	0.02	0.56
Eckart	0.32	0.13	0.04	0.49
Eckardal	-	-	-	-
Eikenburg	0.62	0.04	0.03	0.69
Eindhoven Airport	-	-	-	-
Eliasterrein, Vonderkwartier	0.51	0.22	0.01	0.74
Elzent-Noord	0.49	0.16	0.02	0.67
Elzent-Zuid	0.49	0.16	0.02	0.67
Engelsbergen	0.51	0.22	0.01	0.74
Esp	-	-	-	-
Fellenoord	-	-	-	-
Flight Forum	-	-	-	-
Genderbeemd	0.43	0.12	0.02	0.57
Genderdal	0.42	0.09	0.02	0.53
Generalenbuurt	0.4	0.21	0.01	0.62
Gennep	-	-	-	-
Gennepzijdje	0.49	0.16	0.02	0.67
Gerardusplein	0.47	0.21	0.03	0.71
Gijzenrooi	0.49	0.05	0.04	0.58
Gildebuurt	0.35	0.42	0.02	0.79
Grasrijk	0.42	0.11	0.04	0.57
Hagenkamp	0.44	0.2	0.01	0.65
Hanevoet	0.41	0.13	0.04	0.58
Heesterakker	0.34	0.06	0.03	0.43
Hemelrijken	0.35	0.42	0.02	0.79
Herdgang	-	-	-	-
Het Ven	0.5	0.17	0.01	0.68
Hondsheuvels	-	-	-	-
Hurk	-	-	-	-
Irisbuurt	0.51	0.24	0.02	0.77
Jagershoef	0.32	0.23	0.04	0.59
Joriskwartier	0.41	0.36	0.01	0.78
Kapelbeemd	-	-	-	-
Karpen	0.49	0.16	0.02	0.67
Kerkdorp Acht	0.34	0.02	0.03	0.39
Kerstroosplein	0.43	0.25	0.02	0.70
Koudenhoven	0.49	0.16	0.02	0.67
Kronehoef	0.44	0.17	0.02	0.63
Kruidenbuurt	0.46	0.14	0.01	0.61
Lakerloven	0.41	0.26	0	0.67
Leenderheide	-	-	-	-
Lievendaal	0.39	0.13	0.04	0.56
Limbeek-Noord	0.44	0.23	0.01	0.68
Limbeek-Zuid	0.44	0.23	0.01	0.68
Looiakkers	0.41	0.36	0.01	0.78
Luytelaer	0.32	0.13	0.04	0.49
Meerbos	-	-	-	-
Meerrijk	0.35	0.18	0.05	0.58
Mensfort	0.4	0.17	0.02	0.59
Mispelhoef	-	-	-	-
Muschberg, Geestenberg	0.45	0.08	0.03	0.56
Nieuwe Erven	0.51	0.24	0.02	0.77
Ooievaarsnest	0.41	0.13	0.04	0.58
Oude Gracht-Oost	0.43	0.16	0.04	0.63
Oude Gracht-West	0.43	0.16	0.04	0.63
Oude Spoorbaan	0.44	0.3	0.01	0.75
Oude Toren	0.43	0.2	0.04	0.67
Park Forum	-	-	-	-
Philipsdorp	0.41	0.26	0.03	0.70
Poeijers	-	-	-	-
Prinsejagt	0.41	0.13	0.02	0.56
Puttense Dreef	0.49	0.05	0.04	0.58
Rapenburg	0.43	0.22	0.03	0.68
Rapenland	0.4	0.17	0.02	0.59
Riel	-	-	-	-
Rochusbuurt	0.41	0.36	0.01	0.78
Roosten	0.62	0.04	0.03	0.69
Schoot	0.5	0.17	0.01	0.68
Schouwbroek	0.41	0.26	0.03	0.70
Schrijversbuurt	0.44	0.3	0.01	0.75
Schuttersbosch	0.49	0.05	0.04	0.58
Sintenbuurt	0.44	0.19	0.01	0.64
Sportpark Aalsterweg	-	-	-	-
Strijp S	0.53	0.18	0.03	0.74
't Hofke	0.45	0.08	0.03	0.56
't Hool	0.31	0.34	0.02	0.67
Tempel	0.37	0.16	0.02	0.55
Tivoli	0.44	0.19	0.01	0.64
Tongelresche Akkers	0.35	0.17	0.03	0.55
Tuindorp	0.51	0.24	0.02	0.77
TU-terrein	-	-	-	-
Urkhoven	-	-	-	-
Vaartbroek	0.25	0.18	0.03	0.46
Villapark	0.49	0.16	0.02	0.67
Vlokhoven	0.27	0.22	0.01	0.50
Vredeoord	-	-	-	-
Waterrijk	0.35	0.18	0.05	0.58

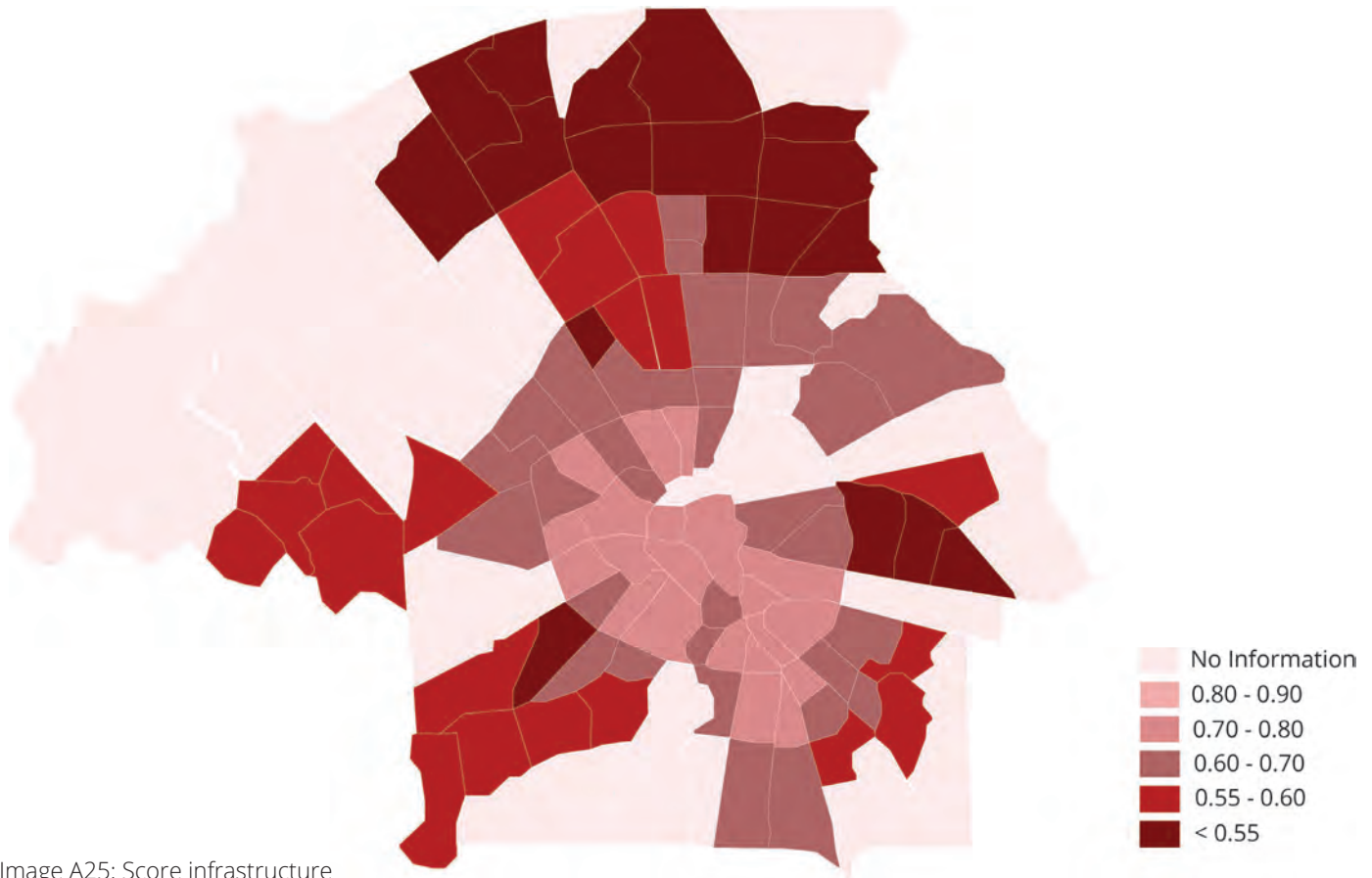


Image A25: Score infrastructure

# Infrastructure - Bike

Table A24: Scoring infrastructure - bike

	% that usually travels by bike	Score			
Achtse Barrier-Gunterslaer	30	0.30	Koudenhoven	49	0.49
Achtse Barrier-Hoeven	31	0.31	Kronehoef	44	0.44
Achtse Barrier-Spaaihoef	29	0.29	Kruidenbuurt	46	0.46
Barrier	40	0.40	Lakerloopen	41	0.41
BeA2	-	-	Leenderheide	-	-
Beemden	-	-	Lievendaal	39	0.39
Bennekel-Oost	41	0.41	Limbeek-Noord	44	0.44
Bennekel-West, Gagelbosch	41	0.41	Limbeek-Zuid	44	0.44
Bergen	31	0.31	Loolakkers	41	0.41
Binnenstad	37	0.37	Luytelaer	32	0.32
Blaarthem	43	0.43	Meerbos	-	-
Blixembosch-Oost	35	0.35	Meerrijk	35	0.35
Blixembosch-West	35	0.35	Mensfort	40	0.40
Bloemenplein	43	0.43	Mispelhoef	-	-
Bokt	-	-	Muschberg, Geestenberg	45	0.45
Bosrijk	42	0.42	Nieuwe Erven	51	0.51
Burghplan	44	0.44	Ooievaarsnest	41	0.41
Castillelaan	-	-	Oude Gracht-Oost	43	0.43
Doornakkers-Oost	35	0.35	Oude Gracht-West	43	0.43
Doornakkers-West	35	0.35	Oude Spoorbaan	44	0.44
Drenth Dorp	51	0.51	Oude Toren	43	0.43
Drieheeksbos	41	0.41	Park Forum	-	-
Eckart	32	0.32	Philipsdorp	41	0.41
Eckartdal	-	-	Poelijers	-	-
Eikenburg	62	0.62	Prinsejagt	41	0.41
Eindhoven Airport	-	-	Puttense Dreef	49	0.49
Eliasterrein, Vonderkwartier	51	0.51	Rapelenburg	43	0.43
Elzent-Noord	49	0.49	Rapenland	40	0.40
Elzent-Zuid	49	0.49	Riel	-	-
Engelsbergen	51	0.51	Rochusbuurt	41	0.41
Esp	-	-	Roosten	62	0.62
Fellenoord	-	-	Schoot	50	0.50
Flight Forum	-	-	Schouwbroek	41	0.41
Genderbeemd	43	0.43	Schrijversbuurt	44	0.44
Genderdal	42	0.42	Schuttersbosch	49	0.49
Generalenbuurt	40	0.40	Sintenbuurt	44	0.44
Gennep	-	-	Sportpark Aalsterweg	-	-
Genneperzijde	49	0.49	Strijp S	53	0.53
Gerardusplein	47	0.47	't Hofke	45	0.45
Gijzenrooi	49	0.49	't Hooi	31	0.31
Gildebuurt	35	0.35	Tempel	37	0.37
Grasrijk	42	0.42	Tivoli	44	0.44
Hagenkamp	44	0.44	Tongelresche Akkers	35	0.35
Hanevoet	41	0.41	Tuindorp	51	0.51
Heesterakker	34	0.34	TU-terrein	-	-
Hemelrijken	35	0.35	Urkhoven	-	-
Herdgang	-	-	Vaartbroek	25	0.25
Het Ven	50	0.50	Villapark	49	0.49
Hondsheuvels	-	-	Vlokhoven	27	0.27
Hurk	-	-	Vredeoord	-	-
Irisbuurt	51	0.51	Waterrijk	35	0.35
Jagershoef	32	0.32	Wielewaal	-	-
Joriskwartier	41	0.41	Winkelcentrum	31	0.31
Kapelbeemd	-	-	Witte Dame	31	0.31
Karpen	49	0.49	Woenselse Heide	31	0.31
Kerkdorp Acht	34	0.34	Woenselse Watermolen	43	0.43
Kerstroosplein	43	0.43	Woensel-West	52	0.52
			Zandrijk	42	0.42
			Zwaanstraat	51	0.51

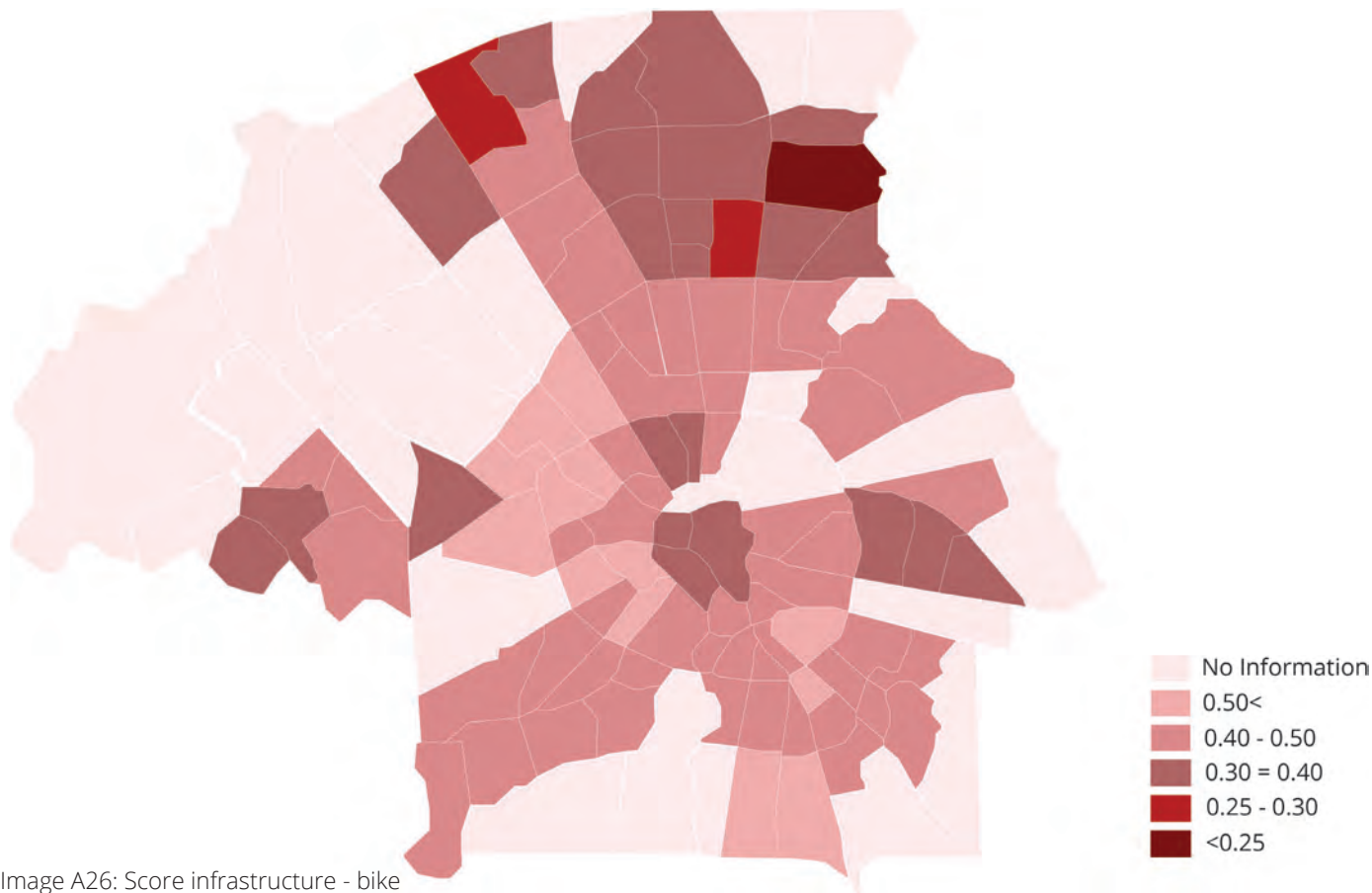


Image A26: Score infrastructure - bike

# Infrastructure - Pedestrian

Table A25: Scoring infrastructure - pedestrian

	76 tttat wtkks ds main travel mode	Score			
Achtse Barrier-Gunterslaer	16	0.16	Kronehoef	17	0.17
Achtse Barrier-Hoeven	10	0.10	Kruidenbuurt	14	0.14
Achtse Barrier-Spaalhoef	8	0.08	Lakerloopen	26	0.26
Barrier	9	0.09	Leenderheide	-	-
Bea2	-	-	Lievendaal	13	0.13
Beemden	-	-	Limbeek-Noord	23	0.23
Bannekel-Oost	16	0.16	Limbeek-Zuid	23	0.23
Bannekel-West, Gagelbosch	16	0.16	Loolakkers	36	0.36
Bergen	45	0.45	Luytelaer	13	0.13
Binnenstad	37	0.37	Meerbos	-	-
Blaarthem	22	0.22	Meerrijk	18	0.18
Blixembosch-Oost	7	0.07	Mensfort	17	0.17
Blixembosch-West	7	0.07	Mispelhoef	-	-
Bloemenplein	25	0.25	Muschberg, Geestenberg	8	0.08
Bokt	-	-	Nieuwe Erven	24	0.24
Bosrijk	11	0.11	Ooievaarsnest	13	0.13
Burghplan	19	0.19	Oude Gracht-Oost	16	0.16
Castilléilaan	-	-	Oude Gracht-West	16	0.16
Doornakkers-Oost	17	0.17	Oude Spoorbaan	30	0.30
Doornakkers-West	17	0.17	Oude Toreen	20	0.20
Dreits Dorp	6	0.06	Park Forum	-	-
Driehoeksbos	13	0.13	Phillipsdorp	26	0.26
Eekart	13	0.13	Poelijers	-	-
Eekartdal	-	-	Prinsejagt	13	0.13
Eikenburg	4	0.04	Puttense Dreef	5	0.05
Eindhoven Airport	-	-	Rapelenburg	22	0.22
Eilasterrein, Vonderkwartier	22	0.22	Rapenland	17	0.17
Elzent-Noord	16	0.16	Riel	-	-
Elzent-Zuid	16	0.16	Rochusbuurt	36	0.36
Engelsbergen	22	0.22	Roosten	4	0.04
Esp	-	-	Schoot	17	0.17
Fellenoord	-	-	Schouwbroek	26	0.26
Flight Forum	-	-	Schrijversbuurt	30	0.30
Genderbeemd	12	0.12	Schuttersbosch	5	0.05
Genderdal	9	0.09	Sintebuurt	19	0.19
Generalenbuurt	21	0.21	Sportpark Aalsterweg	-	-
Gennep	-	-	Strijp S	18	0.18
Gennepzijdje	16	0.16	't Hofke	8	0.08
Gerardusplein	21	0.21	't Hool	34	0.34
Gijzenrooi	5	0.05	Tempel	16	0.16
Gildebuurt	42	0.42	Tivoli	19	0.19
Grasrijk	11	0.11	Tongelresche Akkers	17	0.17
Hagenkamp	30	0.30	Tuindorp	24	0.24
Hanevoet	13	0.13	TU-terrein	-	-
Heesterakker	6	0.06	Urkhoven	-	-
Hemelrijken	42	0.42	Vaartbroek	18	0.18
Herdgang	-	-	Villapark	16	0.16
Hat Ven	17	0.17	Vlokhoven	22	0.22
Hondsheuvels	-	-	Vredeoord	-	-
Hurk	-	-	Waterrijk	18	0.18
Irisbuurt	24	0.24	Wielewaal	-	-
Jagershoef	23	0.23	Winkelcentrum	34	0.34
Joriskwartier	36	0.36	Witte Dame	45	0.45
Kapelbeemd	-	-	Woenselse Heide	17	0.17
Karpen	16	0.16	Woenselse Watermolen	20	0.20
Kerkdorp Acht	2	0.02	Woensel-West	11	0.11
Kerstroosplein	25	0.25	Zandrijk	11	0.11
Koudenhoven	16	0.16	Zwaanstraat	6	0.06

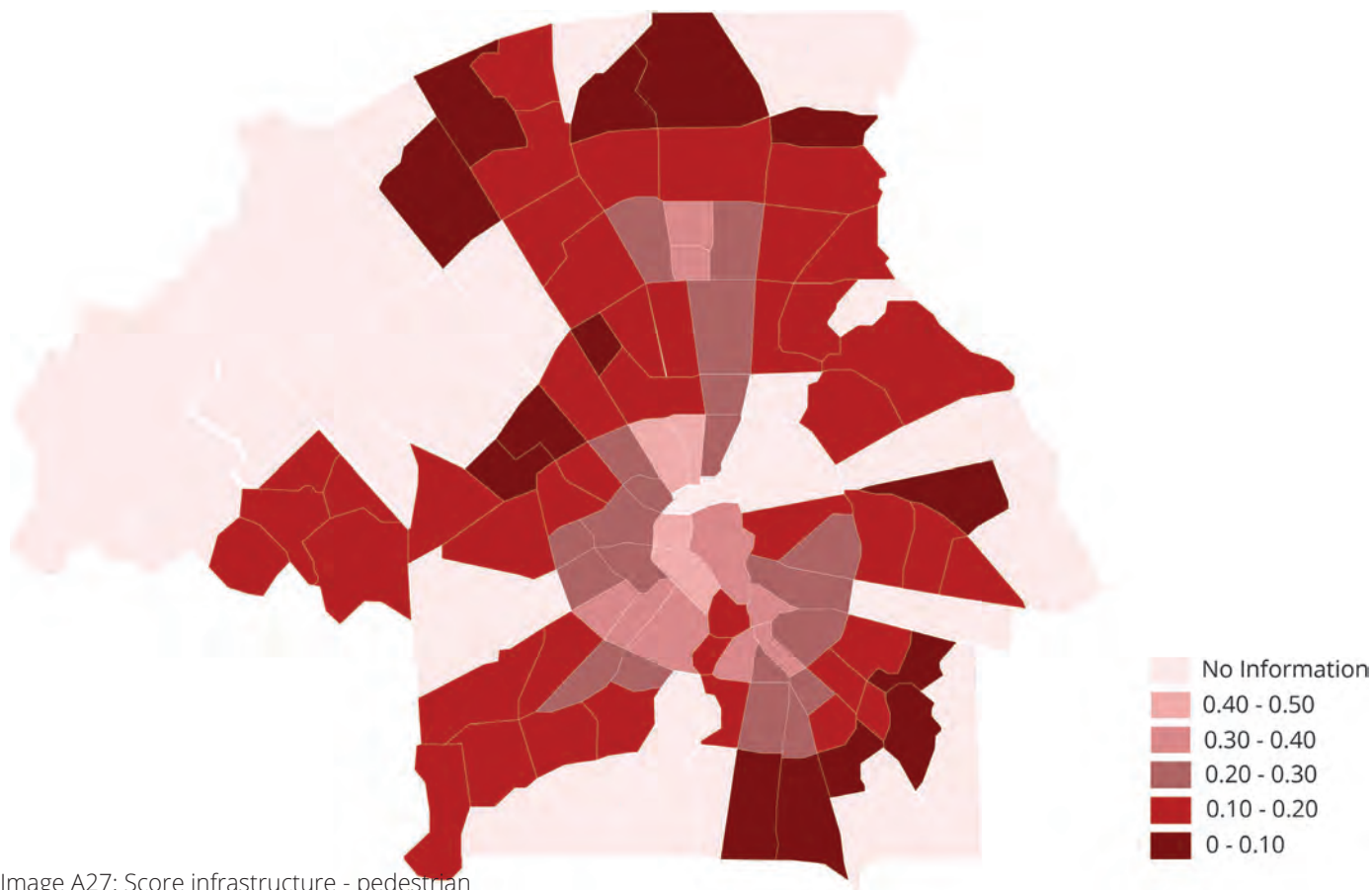


Image A27: Score infrastructure - pedestrian

# Infrastructure - Public Transport

Table A26: Scoring infrastructure - public transport

	% that travels mostly by public transport	Score			
Achtse Barrier-Gunterslaer	4	0.04	Koudenhoven	2	0.02
Achtse Barrier-Hoeven	5	0.05	Kronehoef	2	0.02
Achtse Barrier-Spaalhoef	7	0.07	Kruidenbuurt	1	0.01
Barrier	2	0.02	Lakerloopen	0	0.00
BeA2	-	-	Leenderheide	-	-
Beemden	-	-	Lievendaal	4	0.04
Bennekel-Oost	2	0.02	Limbeek-Noord	1	0.01
Bennekel-West, Gagelbosch	2	0.02	Limbeek-Zuid	1	0.01
Bergen	1	0.01	Loolakkers	1	0.01
Binnenstad	3	0.03	Luytelaer	4	0.04
Blaarthem	3	0.03	Meerbos	-	-
Blixembosch-Oost	6	0.06	Meerrijk	5	0.05
Blixembosch-West	6	0.06	Mensfort	2	0.02
Bloemenplein	2	0.02	Mispelhoef	-	-
Bokt	-	-	Muschberg, Geestenberg	3	0.03
Bosrijk	4	0.04	Nieuwe Erven	2	0.02
Burghplan	1	0.01	Ooievaarsnest	4	0.04
Castillélaan	-	-	Oude Gracht-Oost	4	0.04
Doornakkers-Oost	3	0.03	Oude Gracht-West	4	0.04
Doornakkers-West	3	0.03	Oude Spoorbaan	1	0.01
Drents Dorp	3	0.03	Oude Toren	4	0.04
Driehoeksbos	2	0.02	Park Forum	-	-
Eckart	4	0.04	Philipsdorp	3	0.03
Eckartdal	-	-	Poeijers	-	-
Eikenburg	3	0.03	Prinsejagt	2	0.02
Eindhoven Airport	-	-	Puttense Dreef	4	0.04
Eliasterrein, Vonderkwartier	1	0.01	Rapelenburg	3	0.03
Elzent-Noord	2	0.02	Rapenland	2	0.02
Elzent-Zuid	2	0.02	Riel	-	-
Engelsbergen	1	0.01	Rochusbuurt	1	0.01
Esp	-	-	Roosten	3	0.03
Fellenoord	-	-	Schoot	1	0.01
Flight Forum	-	-	Schouwbroek	3	0.03
Genderbeemd	2	0.02	Schrijversbuurt	1	0.01
Genderdal	2	0.02	Schuttersbosch	4	0.04
Generalenbuurt	1	0.01	Sintebuurt	1	0.01
Gennep	-	-	Sportpark Aalsterweg	-	-
Genneperzijde	2	0.02	Strijp S	3	0.03
Gerardusplein	3	0.03	't Hofke	3	0.03
Gijzenrooi	4	0.04	't Hool	2	0.02
Gildebuurt	2	0.02	Tempel	2	0.02
Grasrijk	4	0.04	Tivoli	1	0.01
Hagenkamp	1	0.01	Tongelresche Akkers	3	0.03
Hansvoet	4	0.04	Tuindorp	2	0.02
Heesterakker	3	0.03	TU-terrein	-	-
Hemelrijken	2	0.02	Urkhoven	-	-
Herdgang	-	-	Vaartbroek	3	0.03
Het Ven	1	0.01	Villapark	2	0.02
Hondsheuvels	-	-	Vlokhoven	1	0.01
Hurk	-	-	Vredeoord	-	-
Irisbuurt	2	0.02	Waterrijk	5	0.05
Jagershoef	4	0.04	Wielewaal	-	-
Joriskwartier	1	0.01	Winkelcentrum	2	0.02
Kapelbeemd	-	-	Witte Dame	1	0.01
Karpen	2	0.02	Woenselse Heide	3	0.03
Kerkdorp Acht	3	0.03	Woenselse Watermolen	4	0.04
Kerstroosplein	2	0.02	Woensel-West	1	0.01
			Zandrijk	4	0.04
			Zwaanstraat	3	0.03

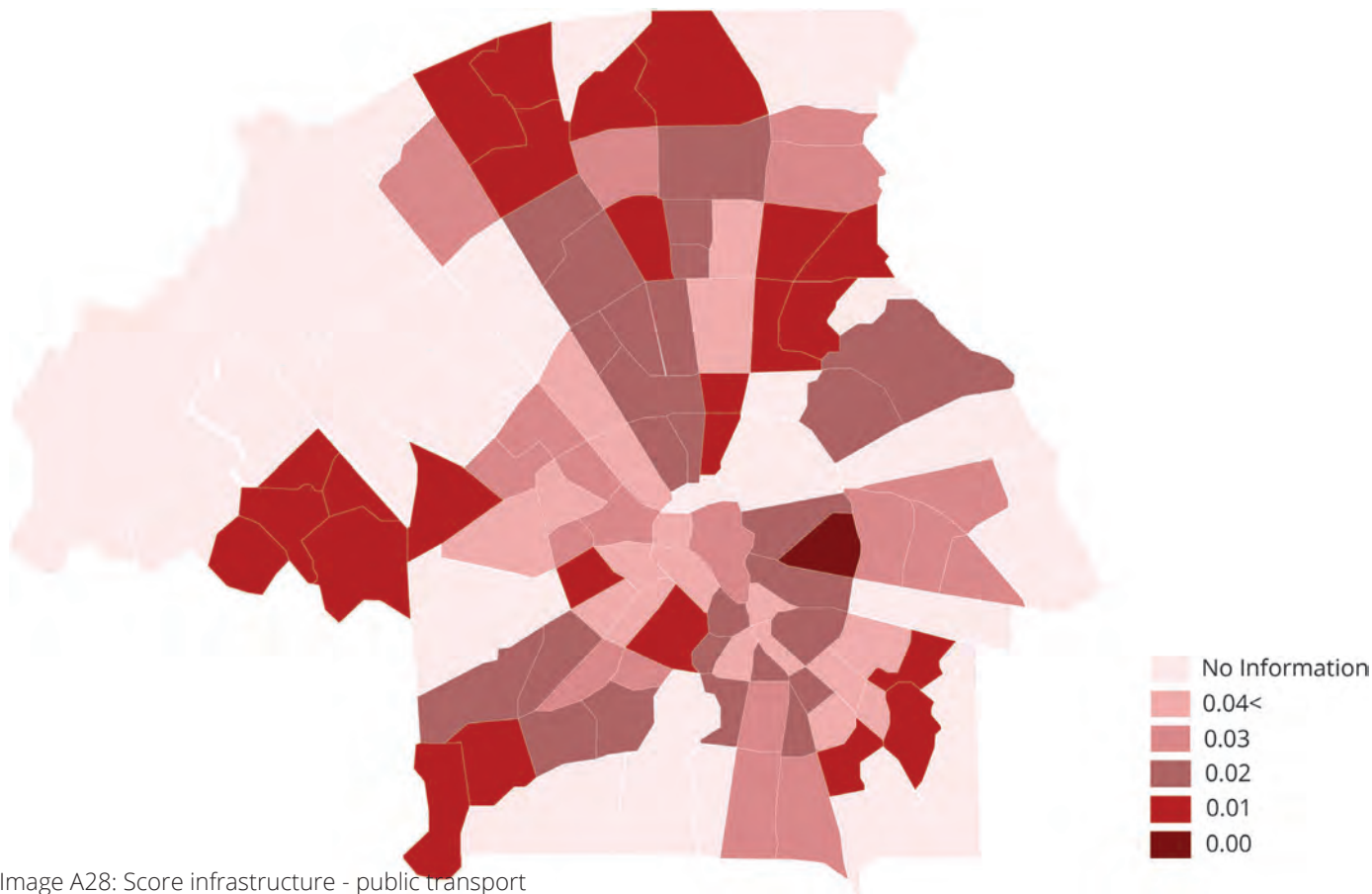


Image A28: Score infrastructure - public transport

# Mix of Functions

Table A27: Scoring mix of functions

	Number of dwellings	Number of companies	Score
Achtse Barrier-Gunterslaer	1587	410	0.75
Achtse Barrier-Hoeven	1740	220	0.25
Achtse Barrier-Spaalhoef	1886	290	0.25
Barrier	896	120	0.25
BeA2	-	-	-
Beemden	-	-	-
Bennekel-Oost	1620	210	0.25
Bennekel-West, Gagelbosch	1688	155	0.00
Bergen	1421	570	1.00
Binnenstad	2118	1060	0.75
Blaarthem	1265	175	0.25
Blixembosch-Oost	2651	495	0.50
Blixembosch-West	772	165	0.50
Bloemenplein	627	145	0.50
Bokt	-	-	-
Bosrijk	158	30	0.50
Burghplan	1491	190	0.25
Castilliaaan	-	-	-
Doornakkers-Oost	1404	170	0.25
Doornakkers-West	1595	305	0.50
Drents Dorp	1145	150	0.25
Driehoeksbos	408	95	0.50
Eckart	2061	280	0.25
Eckartdal	-	-	-
Eikenburg	649	160	0.50
Eindhoven Airport	-	-	-
Eliasterrein, Vonderkwartier	1409	260	0.50
Elzent-Noord	570	205	1.00
Elzent-Zuid	149	45	0.75
Engelsbergen	280	125	0.75
Esp	-	-	-
Fellenoord	-	-	-
Flight Forum	-	-	-
Genderbeemd	1652	260	0.25
Genderdal	1569	190	0.25
Generalenbuurt	2583	230	0.00
Gennep	-	-	-
Genneperzijde	789	110	0.25
Gerardusplein	1445	320	0.50
Gijzenrooi	726	125	0.50
Gildebuurt	922	180	0.50
Grasrijk	2214	335	0.25
Hagenkamp	783	55	0.00
Hanevoet	1673	190	0.25
Heesterakker	1078	160	0.25
Hemelrijken	1913	290	0.25
Herdgang	-	-	-
Het Ven	1902	380	0.50
Hondsheuvels	-	-	-
Hurk	-	-	-
Irisbuurt	1199	310	0.75
Jagershoef	1742	90	0.00
Joriskwartier	650	130	0.50
Kapelbeemd	-	-	-
Karpen	213	90	1.00
Kerkdorp Acht	1469	330	0.50
Kerstroosplein	896	180	0.50
Koudenhoven	222	50	0.50
Kronehoef	2430	220	0.00
Kruidenbuurt	1310	220	0.25
Lakerloopen	1599	315	0.50
Leenderheide	-	-	-
Lievendaal	1585	170	0.25
Limbeek-Noord	1314	185	0.25
Limbeek-Zuid	787	70	0.00
Looiakkers	334	100	0.75
Luytelaer	428	85	0.50
Meerbos	-	-	-
Meerrijk	384	55	0.25
Mensfort	1576	190	0.25
Mispelhoef	-	-	-
Muschberg, Geestenberg	1897	400	0.50
Nieuwe Erven	561	100	0.50
Ooievaarsnest	365	65	0.50
Oude Gracht-Oost	561	105	0.50
Oude Gracht-West	1531	170	0.25
Oude Spoorbaan	1177	195	0.25
Oude Toren	1003	80	0.00
Park Forum	-	-	-
Philipsdorp	1731	365	0.50
Poeljers	-	-	-
Prinsejagt	2349	220	0.00
Puttense Dreef	515	120	0.50
Rapenburg	360	110	0.75
Rapenland	1166	195	0.25
Riel	-	-	-
Rochusbuurt	942	215	0.50
Roosten	255	95	1.00
Schoot	1715	265	0.25
Schouwbroek	786	120	0.25
Schrijversbuurt	1466	435	0.75
Schuttersbosch	301	45	0.25
Sintenbuurt	885	115	0.25
Sportpark Aalsterweg	-	-	-
Strijp S	1209	855	0.25
't Hofje	1574	180	0.25
't Hool	1027	105	0.00
Tempel	2336	305	0.25
Tivoli	756	60	0.00
Tongelresche Akkers	476	70	0.25
Tuindorp	1421	225	0.25
TU-terrein	-	-	-
Urkhoven	-	-	-
Vaartbroek	2493	265	0.25
Villapark	850	345	1.00
Vlokhoven	1694	175	0.00
Vredeoord	-	-	-
Waterrijk	597	135	0.50
Wielewaal	-	-	-
Winkelcentrum	475	180	1.00
Witte Dame	1512	385	0.75
Woenselse Heide	2169	265	0.25
Woenselse Watermolen	652	45	0.00
Woensel-West	1842	355	0.50
Zandrijk	1143	180	0.25
Zwaanstraat	243	150	0.50

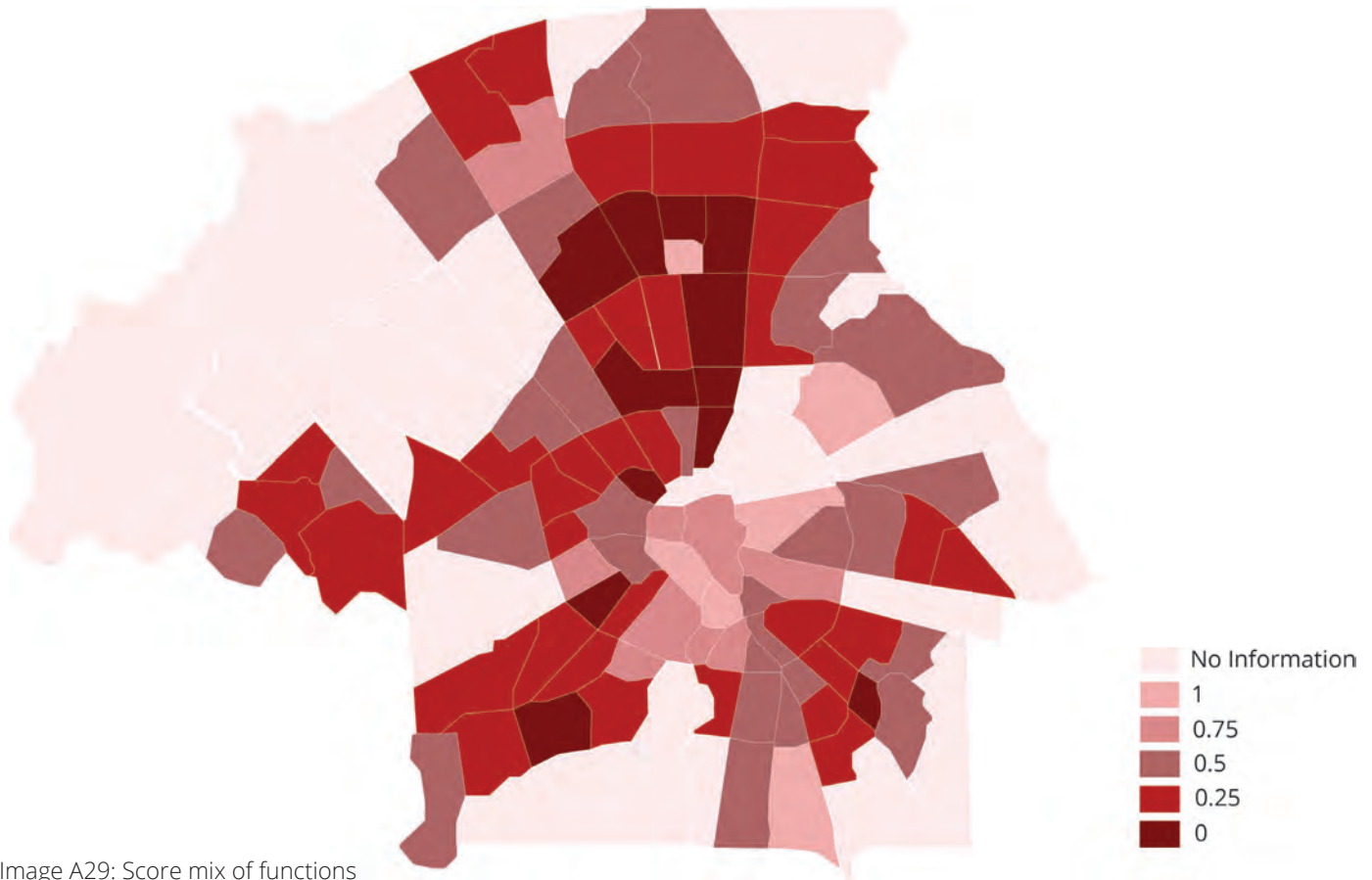


Image A29: Score mix of functions

# Public Space

Table A28: Scoring public space

	Public Space Design	Maintainance Public Space	Score
Achtse Barrier-Gunterslaer	0.67	0.66	0.67
Achtse Barrier-Hoeven	0.71	0.65	0.68
Achtse Barrier-Spaaihoef	0.69	0.69	0.69
Barrier	0.71	0.72	0.72
BeA2	-	-	-
Beemden	-	-	-
Bennekel-Oost	0.69	0.72	0.71
Bennekel-West, Gagelbosch	0.69	0.72	0.71
Bergen	0.64	0.77	0.71
Binnenstad	0.64	0.73	0.69
Blaarthem	0.66	0.69	0.68
Blixembosch-Oost	0.80	0.81	0.81
Blixembosch-West	0.80	0.81	0.81
Bloemenplein	0.67	0.71	0.69
Bokt	-	-	-
Bosrijk	0.82	0.78	0.80
Burghplan	0.74	0.69	0.72
Castillélaan	-	-	-
Doornakkers-Oost	0.63	0.70	0.67
Doornakkers-West	0.63	0.70	0.67
Dreits Dorp	0.67	0.69	0.68
Driehoeksbos	0.70	0.69	0.70
Eckart	0.69	0.58	0.64
Eckardal	-	-	-
Eikenburg	0.80	0.73	0.77
Eindhoven Airport	-	-	-
Eliasterrein, Vonderkwartier	0.67	0.72	0.70
Elzent-Noord	0.82	0.82	0.82
Elzent-Zuid	0.82	0.82	0.82
Engelsbergen	0.67	0.72	0.70
Esp	-	-	-
Fellenoord	-	-	-
Flight Forum	-	-	-
Genderbeemd	0.72	0.74	0.73
Genderdal	0.73	0.71	0.72
Generalenbuurt	0.77	0.73	0.75
Gennep	-	-	-
Genneperszijde	0.82	0.82	0.82
Gerardusplein	0.77	0.71	0.74
Gijzenrooi	0.78	0.69	0.74
Gildebuurt	0.59	0.64	0.62
Grasrijk	0.82	0.76	0.79
Hagenkamp	0.75	0.85	0.80
Hanevoet	0.70	0.63	0.67
Heesterakker	0.69	0.68	0.69
Hemelrijken	0.59	0.64	0.62
Herdgang	-	-	-
Het Ven	0.67	0.69	0.68
Hondsheuvels	-	-	-
Hurk	-	-	-
Irisbuurt	0.70	0.68	0.69
Jagershoef	0.61	0.59	0.60
Joriskwartier	0.69	0.74	0.72
Kapelbeemd	-	-	-
Karpen	0.66	0.70	0.68
Kerkdorp Acht	0.67	0.71	0.69
Kerstroosplein	0.67	0.71	0.69
Koudenhoven	0.66	0.70	0.68
Kronehoef	0.61	0.64	0.63
Kruidenbuurt	0.65	0.70	0.68
Lakerlofen	0.66	0.74	0.70
Leenderheide	-	-	-
Lievendaal	0.73	0.76	0.75
Limbeek-Noord	0.58	0.58	0.58
Limbeek-Zuid	0.58	0.58	0.58
Looiakkers	0.69	0.74	0.72
Luytelaer	0.69	0.58	0.64
Meerbos	-	-	-
Meerrijk	0.77	0.75	0.76
Mensfort	0.69	0.69	0.69
Mispelhoef	-	-	-
Muschberg, Geestenberg	0.70	0.72	0.71
Nieuwe Erven	0.67	0.68	0.68
Ooievaarsnest	0.70	0.63	0.67
Oude Gracht-Oost	0.72	0.70	0.71
Oude Gracht-West	0.72	0.70	0.71
Oude Spoorbaan	0.75	0.85	0.80
Oude Toren	0.75	0.73	0.74
Park Forum	-	-	-
Philipsdorp	0.70	0.69	0.70
Poeijers	-	-	-
Prinsejagt	0.70	0.69	0.70
Puttense Dreef	0.78	0.69	0.74
Rapenburg	0.66	0.69	0.68
Rapenland	0.69	0.69	0.69
Riel	-	-	-
Rochusbuurt	0.69	0.74	0.72
Roosten	0.80	0.73	0.77
Schoot	0.67	0.69	0.68
Schouwbroek	0.70	0.69	0.70
Schrijversbuurt	0.75	0.85	0.80
Schuttersbosch	0.78	0.69	0.74
Sintenbuurt	0.74	0.69	0.72
Sportpark Aalsterweg	-	-	-
Strijp S	0.67	0.70	0.69
't Hofke	0.70	0.72	0.71
't Hoel	0.77	0.77	0.77
Tempel	0.65	0.61	0.63
Tivoli	0.74	0.69	0.72
Tongelresche Akkers	0.63	0.70	0.67
Tuindorp	0.67	0.68	0.68
TU-terrein	-	-	-
Urkhoven	-	-	-
Vaartbroek	0.61	0.60	0.61
Villapark	0.66	0.70	0.68
Vlokhoven	0.70	0.67	0.69
Vredeoord	-	-	-
Waterrijk	0.77	0.75	0.76
Wielewaal	-	-	-
Winkelcentrum	0.77	0.77	0.77
Witte Dame	0.64	0.77	0.71
Woenselse Heide	0.71	0.68	0.70
Woenselse Watermolen	0.75	0.73	0.74
Woensel-West	0.67	0.71	0.69
Zandrijk	0.82	0.76	0.79
Zwaanstraat	0.67	0.69	0.68

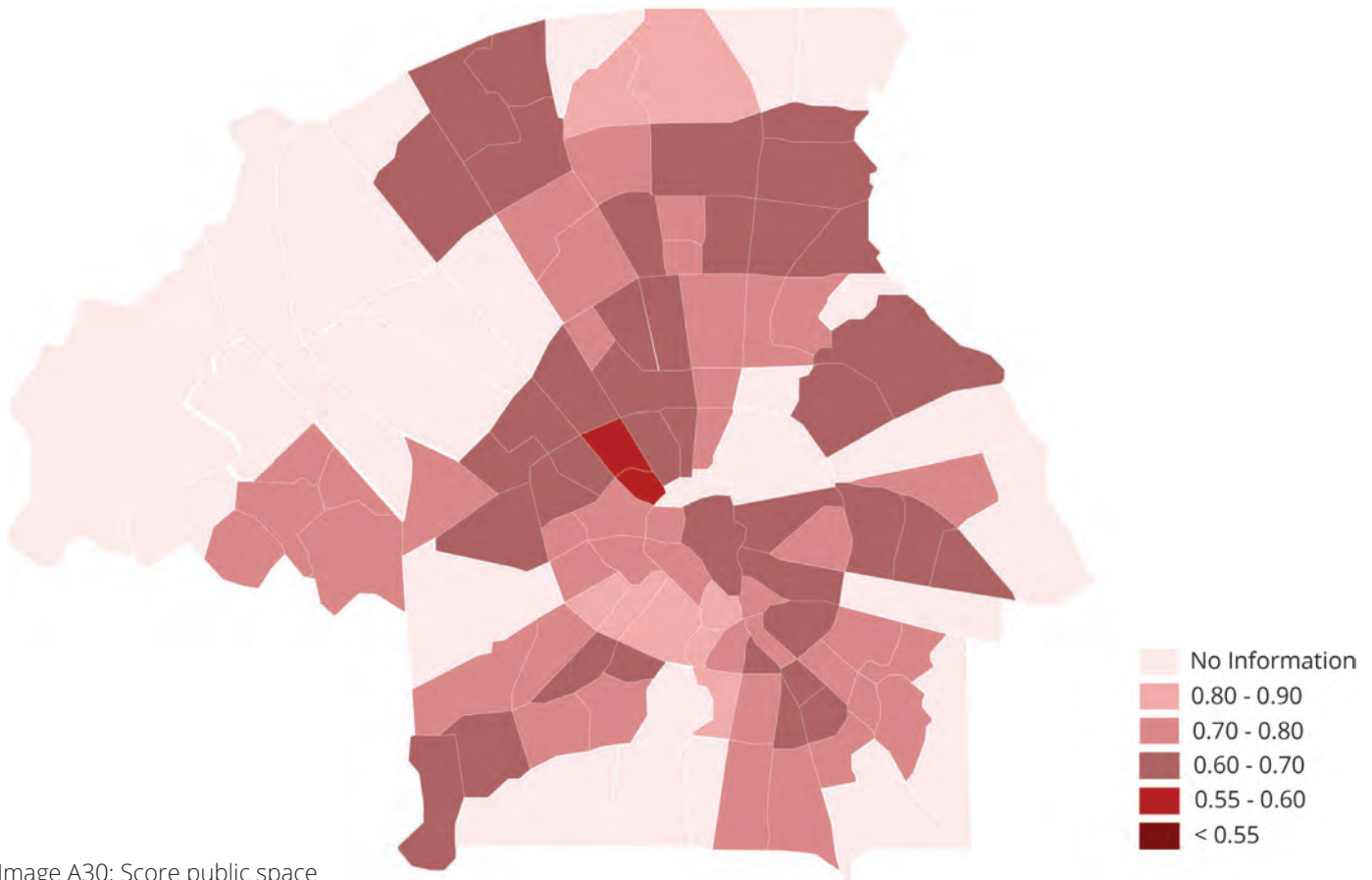


Image A30: Score public space



# Public Space - Design

Table A29: Scoring public space - design

	Grade for the design of the Public Space	Score			
Achtse Barrier-Gunterslaer	67	0.67	Kronehoef	61	0.61
Achtse Barrier-Hoeven	71	0.71	Kruidenbuurt	65	0.65
Achtse Barrier-Spaalhoef	69	0.69	Lakerlofen	66	0.66
Barrier	71	0.71	Leenderheide	-	-
BeA2	-	-	Lievendaal	73	0.73
Beemden	-	-	Limbeek-Noord	58	0.58
Bennekel-Oost	69	0.69	Limbeek-Zuid	58	0.58
Bennekel-West, Gagelbosch	69	0.69	Loolakkers	69	0.69
Bergen	64	0.64	Luytelaer	69	0.69
Binnenstad	64	0.64	Meerbos	-	-
Blaarthem	66	0.66	Meerrijk	77	0.77
Blixembosch-Oost	80	0.8	Mensfort	69	0.69
Blixembosch-West	80	0.8	Mispelhoef	-	-
Bloemenplein	67	0.67	Muschberg, Geestenberg	70	0.7
Bokt	-	-	Nieuwe Erven	67	0.67
Bosrijk	82	0.82	Ooievaarsnest	70	0.7
Burghplan	74	0.74	Oude Gracht-Oost	72	0.72
Castiljelaan	-	-	Oude Gracht-West	72	0.72
Doornakkers-Oost	63	0.63	Oude Spoorbaan	75	0.75
Doornakkers-West	63	0.63	Oude Toren	75	0.75
Drents Dorp	67	0.67	Park Forum	-	-
Driehoeksbos	70	0.7	Philipsdorp	70	0.7
Eckart	69	0.69	Poeijers	-	-
Eckartdal	-	-	Prinsejagt	70	0.7
Eikenburg	80	0.8	Puttense Dreef	78	0.78
Eindhoven Airport	-	-	Rapelenburg	66	0.66
Eliasterrein, Vanderkwartier	67	0.67	Rapenland	69	0.69
Elzent-Noord	82	0.82	Riel	-	-
Elzent-Zuid	82	0.82	Rochusbuurt	69	0.69
Engelsbergen	67	0.67	Roosten	80	0.8
Esp	-	-	Schoot	67	0.67
Fellenoord	-	-	Schouwbroek	70	0.7
Flight Forum	-	-	Schrijversbuurt	75	0.75
Genderbeemd	72	0.72	Schuttersbosch	78	0.78
Genderdal	73	0.73	Sintebuurt	74	0.74
Generalenbuurt	77	0.77	Sportpark Aalsterweg	-	-
Gennep	-	-	Strijp S	67	0.67
Gennepzijdje	82	0.82	't Hofke	70	0.7
Gerardusplein	77	0.77	't Hool	77	0.77
Gijzenrooi	78	0.78	Tempel	65	0.65
Gildebuurt	59	0.59	Tivoli	74	0.74
Grasrijk	82	0.82	Tongelresche Akkers	63	0.63
Hagenkamp	75	0.75	Tuindorp	67	0.67
Hanevoet	70	0.7	TU-terrein	-	-
Heesterakker	69	0.69	Urkhoven	-	-
Hemelrijken	59	0.59	Vaartbroek	61	0.61
Herdgang	-	-	Villapark	66	0.66
Het Ven	67	0.67	Vlokhoven	70	0.7
Hondsheuvels	-	-	Vredeoord	-	-
Hurk	-	-	Waterrijk	77	0.77
Irisbuurt	67	0.67	Wielewaal	-	-
Jagershoef	61	0.61	Winkelcentrum	77	0.77
Joriskwartier	69	0.69	Witte Dame	64	0.64
Kapelbeemd	-	-	Woenselse Heide	71	0.71
Karpen	66	0.66	Woenselse Watermolen	75	0.75
Kerkdorp Acht	67	0.67	Woensel-West	67	0.67
Kerstroosplein	67	0.67	Zandrijk	82	0.82
Koudenhoven	66	0.66	Zwaanstraat	67	0.67

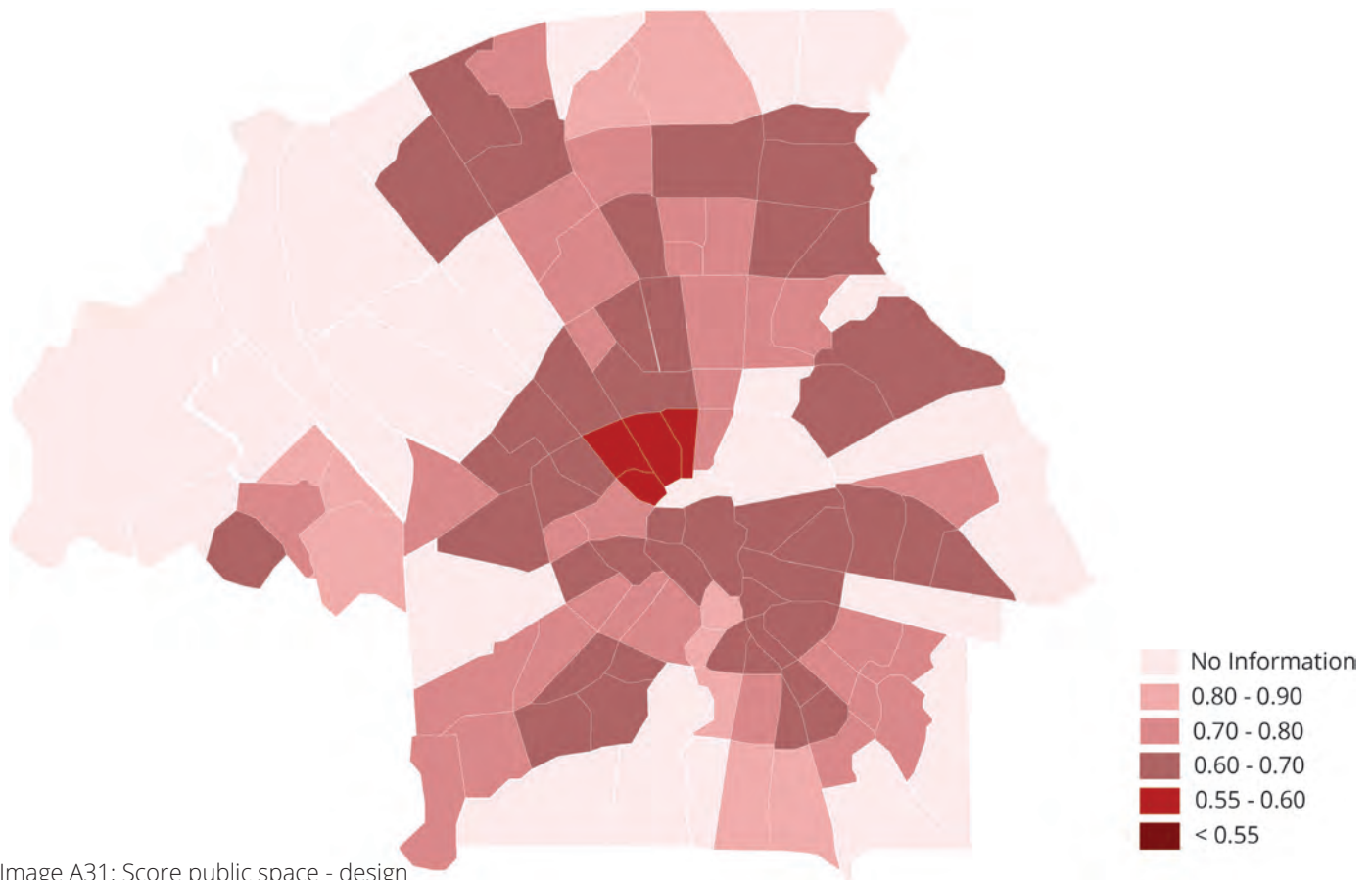


Image A31: Score public space - design

# Public Space - Maintenance

Table A30: Scoring public space - maintenance

	Satisfaction about Maintenance of Public Space	Score			
Achtse Barrier-Gunterslaer	66	0.66	Kerstroosplein	71	0.71
Achtse Barrier-Hoeven	65	0.65	Koudenhoven	70	0.70
Achtse Barrier-Spaaihoef	69	0.69	Kronehoef	64	0.64
Barrier	72	0.72	Kruidenbuurt	70	0.70
BeA2	-	-	Lakerlofen	74	0.74
Beemden	-	-	Leenderheide	-	-
Bennekel-Oost	72	0.72	Lievendaal	76	0.76
Bennekel-West, Gagelbosch	72	0.72	Limbeek-Noord	58	0.58
Bergen	77	0.77	Limbeek-Zuid	58	0.58
Binnenstad	73	0.73	Looiakkers	74	0.74
Blaarthem	69	0.69	Luytelaer	58	0.58
Blixembosch-Oost	81	0.81	Meerbos	-	-
Blixembosch-West	81	0.81	Meerrijk	75	0.75
Bloemenplein	71	0.71	Mensfort	69	0.69
Bokt	-	-	Mispelhoef	-	-
Bosrijk	76	0.76	Muschberg, Geestenberg	72	0.72
Burghplan	69	0.69	Nieuwe Erven	68	0.68
Castiliélaan	-	-	Ooievaarsnest	63	0.63
Doornakkers-Oost	70	0.70	Oude Gracht-Oost	70	0.70
Doornakkers-West	70	0.70	Oude Gracht-West	70	0.70
Drents Dorp	69	0.69	Oude Spoorbaan	85	0.85
Drieboeksbos	69	0.69	Oude Toren	73	0.73
Eckart	58	0.58	Park Forum	-	-
Eckartdal	-	-	Philipsdorp	69	0.69
Eikenburg	73	0.73	Poeijers	-	-
Eindhoven Airport	-	-	Prinsjagt	69	0.69
Eliasterrein, Vanderkwartier	72	0.72	Puttense Dreef	69	0.69
Elzent-Noord	82	0.82	Rapelenburg	69	0.69
Elzent-Zuid	82	0.82	Rapenland	69	0.69
Engelsbergen	72	0.72	Riel	-	-
Esp	-	-	Rochusbuurt	74	0.74
Fellenoord	-	-	Roosten	73	0.73
Flight Forum	-	-	Schoot	69	0.69
Genderbeemd	74	0.74	Schouwbroek	69	0.69
Genderdal	71	0.71	Schrijversbuurt	85	0.85
Generalenbuurt	73	0.73	Schuttersbosch	69	0.69
Gennep	-	-	Sintenbuurt	69	0.69
Gennepzijdje	82	0.82	Sportpark Aalsterweg	-	-
Gerardusplein	71	0.71	Strijp S	70	0.70
Gijzenrooi	69	0.69	't Hofke	72	0.72
Gildebuurt	64	0.64	't Hool	77	0.77
Grasrijk	76	0.76	Tempel	61	0.61
Hagenkamp	85	0.85	Tivoli	69	0.69
Hanevoet	63	0.63	Tongelresche Akkers	70	0.70
Heesterakker	68	0.68	Tuindorp	68	0.68
Hemelrijken	64	0.64	TU-terrein	-	-
Herdgang	-	-	Urkhoven	-	-
Het Ven	69	0.69	Vaartbroek	60	0.60
Hondsheuvels	-	-	Villapark	70	0.70
Hurk	-	-	Vlokhoven	67	0.67
Irisbuurt	68	0.68	Vredeoord	-	-
Jagershoef	59	0.59	Waterrijk	75	0.75
Joriskwartier	74	0.74	Wielewaal	-	-
Kapelbeemd	-	-	Winkelcentrum	77	0.77
Karpen	70	0.70	Witte Dame	77	0.77
Kerkdorp Acht	71	0.71	Woenselse Heide	68	0.68
			Woenselse Watermolen	73	0.73
			Woensel-West	71	0.71
			Zandrijk	76	0.76
			Zwaanstraat	69	0.69

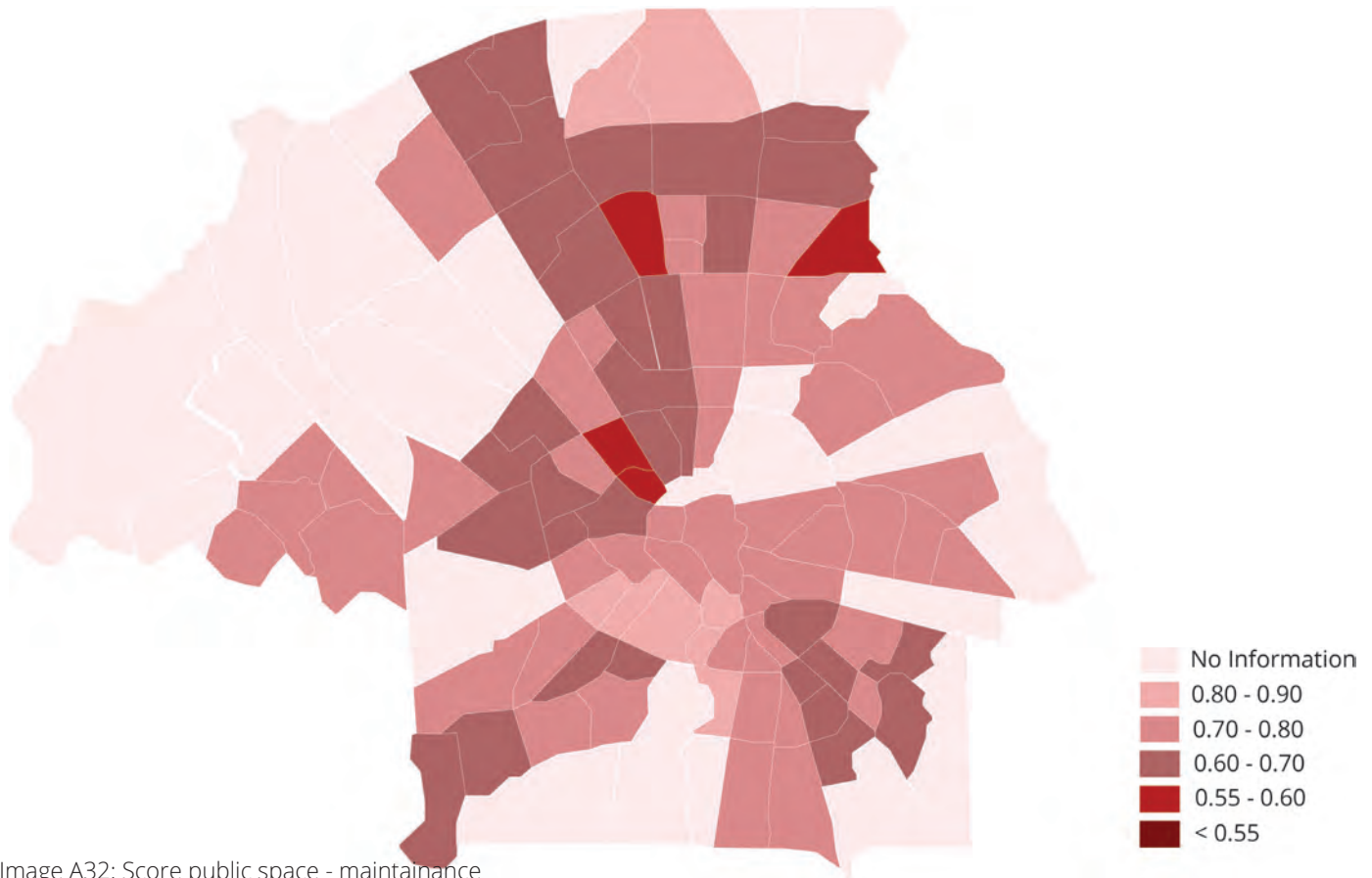


Image A32: Score public space - maintainance

# People

Table A31: Scoring people

	Diversity in age	Income	Employment	Happiness	Ethnicity	Health	Social Cohesion	Score
Achtse Barrier-Guntherslaer	1.00	0.50	0.96	0.97	0.75	0.90	0.64	0.82
Achtse Barrier-Hoeven	1.00	0.50	0.94	0.93	0.75	0.85	0.66	0.80
Achtse Barrier-Spaalhoef	1.00	0.75	0.97	0.96	0.75	0.89	0.62	0.85
Barrier	1.00	0.50	0.92	0.96	1.00	0.88	0.60	0.84
BeA2	-	-	-	-	-	-	-	-
Beemden	-	-	-	-	-	-	-	-
Bennekei-Oost	1.00	0.25	0.90	0.95	1.00	0.84	0.56	0.79
Bennekei-West, Gagebosch	1.00	0.25	0.90	0.95	1.00	0.84	0.56	0.79
Bergen	1.00	1.00	0.96	0.96	1.00	0.94	0.55	0.92
Binnenstad	1.00	0.75	0.90	0.94	1.00	0.92	0.59	0.87
Blarthem	1.00	0.25	0.88	0.93	1.00	0.89	0.57	0.79
Blixembosch-Oost	1.00	1.00	0.97	0.99	1.00	0.90	0.66	0.93
Blixembosch-West	1.00	1.00	0.98	0.99	0.75	0.90	0.66	0.90
Bloemenplein	1.00	0.25	0.90	0.93	1.00	0.92	0.63	0.80
Bokt	-	-	-	-	-	-	-	-
Boerijk	1.00	1.00	-	0.97	0.75	0.94	0.61	0.75
Burghplan	1.00	0.25	0.89	0.95	1.00	0.82	0.60	0.79
Castellenaan	-	-	-	-	-	-	-	-
Castellenaan-Oost	1.00	0.00	0.85	0.91	1.00	0.86	0.56	0.74
Doornakkers-West	1.00	0.25	0.90	0.91	1.00	0.86	0.56	0.78
Drehts Dorp	1.00	0.25	0.89	0.95	1.00	0.90	0.64	0.80
Driehoekbos	1.00	1.00	0.97	0.94	0.75	0.86	0.62	0.88
Eckart	1.00	0.25	0.90	0.96	1.00	0.91	0.63	0.81
Eckartdal	-	-	-	-	-	-	-	-
Eikenburg	1.00	1.00	0.97	0.95	0.75	0.91	0.78	0.91
Eindhoven Airport	-	-	-	-	-	-	-	-
Elasterein, Vonderkwartier	1.00	0.75	0.95	0.97	0.75	0.94	0.67	0.86
Elzent-Noord	1.00	1.00	0.97	0.97	1.00	0.94	0.66	0.93
Elzent-Zuid	1.00	1.00	0.97	0.97	0.75	0.94	0.66	0.76
Engelsbergen	1.00	1.00	0.96	0.97	0.75	0.94	0.67	0.90
Esp	-	-	-	-	-	-	-	-
Follenoord	-	-	-	-	-	-	-	-
Flight Forum	-	-	-	-	-	-	-	-
Genderbeemd	1.00	0.50	0.94	0.97	1.00	0.87	0.65	0.85
Genderdal	1.00	0.25	0.87	0.91	1.00	0.89	0.56	0.78
Generalenbuurt	1.00	0.25	0.91	0.95	1.00	0.89	0.56	0.79
Gennep	-	-	-	-	-	-	-	-
Genneperzijde	1.00	1.00	0.96	0.97	0.75	0.94	0.66	0.90
Gerardusplein	1.00	0.75	0.94	0.98	0.75	0.93	0.72	0.87
Gijzenrooi	1.00	1.00	0.97	0.96	0.75	0.91	0.69	0.90
Gildebuurt	1.00	0.25	0.92	0.91	1.00	0.90	0.50	0.78
Grasrijk	1.00	1.00	0.97	0.97	1.00	0.94	0.61	0.93
Hagenkamp	1.00	0.25	0.97	0.96	1.00	0.94	0.68	0.83
Hanevoet	1.00	0.50	0.94	0.96	1.00	0.82	0.64	0.84
Heesterakker	1.00	0.75	0.98	0.96	0.75	0.88	0.67	0.86
Hemelrijken	1.00	0.00	0.91	0.91	1.00	0.90	0.50	0.75
Herdgang	-	-	-	-	-	-	-	-
Het Ven	1.00	0.25	0.92	0.93	1.00	0.86	0.65	0.80
Hondsheuvels	-	-	-	-	-	-	-	-
Hurk	-	-	-	-	-	-	-	-
Irisbuurt	1.00	0.75	0.95	0.93	1.00	0.90	0.63	0.88
Jagershoef	1.00	0.00	0.89	0.96	1.00	0.79	0.52	0.74
Joriskwartier	1.00	0.50	0.94	0.96	0.75	0.89	0.63	0.81
Kapelbeemd	-	-	-	-	-	-	-	-
Karpen	1.00	1.00	-	0.95	0.75	0.93	0.68	0.76
Kerkdorp Acht	1.00	1.00	0.98	0.96	0.75	0.91	0.68	0.90
Kerstroosplein	1.00	0.25	0.89	0.93	1.00	0.92	0.63	0.80
Koudenhoven	1.00	1.00	-	0.95	0.75	0.93	0.68	0.76
Kronenhoef	1.00	0.25	0.91	0.93	1.00	0.87	0.51	0.78
Kruidenbuurt	1.00	0.50	0.92	0.96	1.00	0.89	0.60	0.70
Lakerloopen	1.00	0.25	0.92	0.92	1.00	0.89	0.55	0.79
Leenderheide	1.00	0.50	0.92	0.92	1.00	0.88	0.56	0.83
Lieversdal	1.00	0.25	0.92	0.90	1.00	0.86	0.45	0.77
Limbeek-Noord	1.00	0.25	0.87	0.90	1.00	0.86	0.45	0.76
Limbeek-Zuid	1.00	0.75	0.96	0.96	0.75	0.89	0.63	0.85
Loopakkers	1.00	1.00	0.96	0.96	0.75	0.91	0.63	0.75
Luytelaar	1.00	1.00	-	-	-	-	-	-
Meerbos	-	-	-	-	-	-	-	-
Meerrijk	1.00	1.00	0.96	0.95	1.00	0.89	0.59	0.91

Mensfort	1.00	0.25	0.89	0.93	1.00	0.83	0.53	0.78
Mispelhof	-	-	-	-	-	-	-	-
Muschberg, Geestenberg	1.00	0.25	0.93	0.93	1.00	0.87	0.61	0.80
Nieuwe Erven	1.00	0.25	0.89	0.93	1.00	0.90	0.63	0.80
Ooievaarsnest	1.00	1.00	0.98	0.96	-	0.82	0.64	0.77
Oude Gracht-Oost	1.00	1.00	0.98	0.96	0.75	0.89	0.67	0.89
Oude Gracht-West	1.00	0.25	0.94	0.96	0.75	0.89	0.67	0.78
Oude Spoorbaan	1.00	0.50	0.94	0.96	1.00	0.94	0.68	0.86
Oude Toren	1.00	0.25	0.87	0.95	1.00	0.86	0.57	0.79
Park Forum	-	-	-	-	-	-	-	-
Philipsdorp	1.00	1.00	0.93	0.95	0.00	0.88	0.60	0.77
Poeljeers	-	-	-	-	-	-	-	-
Prinsjagt	1.00	0.25	0.93	0.94	-	0.86	0.62	0.66
Puttense Dreef	1.00	1.00	0.97	0.96	1.00	0.91	0.69	0.93
Rapelenburg	1.00	0.75	0.97	0.93	0.75	0.89	0.57	0.84
Rapenland	1.00	0.25	0.90	0.93	1.00	0.83	0.53	0.78
Riel	-	-	-	-	-	-	-	-
Rochusbuurt	1.00	0.50	0.94	0.96	0.75	0.89	0.63	0.81
Roosten	1.00	1.00	-	0.95	1.00	0.91	0.78	0.81
Schoot	1.00	0.50	0.95	0.93	0.75	0.86	0.65	0.81
Schouwbroek	1.00	0.50	0.93	0.95	1.00	0.88	0.60	0.84
Schrijversbuurt	1.00	0.75	0.94	0.96	0.75	0.94	0.68	0.86
Schuttersbosch	1.00	1.00	0.98	0.96	1.00	0.91	0.69	0.93
Sintenbuurt	1.00	0.50	0.93	0.95	0.75	0.82	0.60	0.79
Sportpark Aalsterweg	-	-	-	-	-	-	-	-
Strijp S	1.00	0.75	0.94	0.94	0.00	0.92	0.62	0.74
't Hofke	1.00	0.25	0.90	0.93	1.00	0.87	0.61	0.79
't Hooi	1.00	0.25	0.86	0.92	1.00	0.83	0.58	0.78
Tempel	1.00	0.25	0.92	0.95	0.75	0.82	0.59	0.75
Tivoli	1.00	0.00	0.82	0.95	1.00	0.82	0.60	0.74
Tongelresche Akkers	1.00	1.00	0.95	0.91	1.00	0.86	0.56	0.90
Tuindorp	1.00	0.75	0.96	0.93	1.00	0.90	0.63	0.88
TU-terrein	-	-	-	-	-	-	-	-
Urkhoven	-	-	-	-	-	-	-	-
Vaartbroek	1.00	0.25	0.89	0.95	0.75	0.82	0.56	0.75
Villapark	1.00	1.00	0.96	0.95	1.00	0.93	0.68	0.93
Vlokhoven	1.00	0.00	0.89	0.89	0.75	0.77	0.52	0.69
Vredeoord	-	-	-	-	-	-	-	-
Waterrijk	1.00	1.00	0.97	0.95	1.00	0.89	0.59	0.91
Wielewaal	-	-	-	-	-	-	-	-
Winkelcentrum	1.00	0.75	0.95	0.92	1.00	0.83	0.58	0.86
Witte Dame	1.00	1.00	0.96	0.96	1.00	0.94	0.55	0.92
Woenselse Heide	1.00	0.25	0.92	0.94	1.00	0.82	0.58	0.79
Woenselse Watermolen	1.00	1.00	0.97	0.95	1.00	0.96	0.57	0.92
Woensel-West	1.00	0.25	0.90	0.92	1.00	0.92	0.62	0.80
Zandrijk	1.00	1.00	0.97	0.97	1.00	0.94	0.61	0.93
Zwaanstraat	1.00	1.00	0.97	0.95	1.00	0.90	0.64	0.92

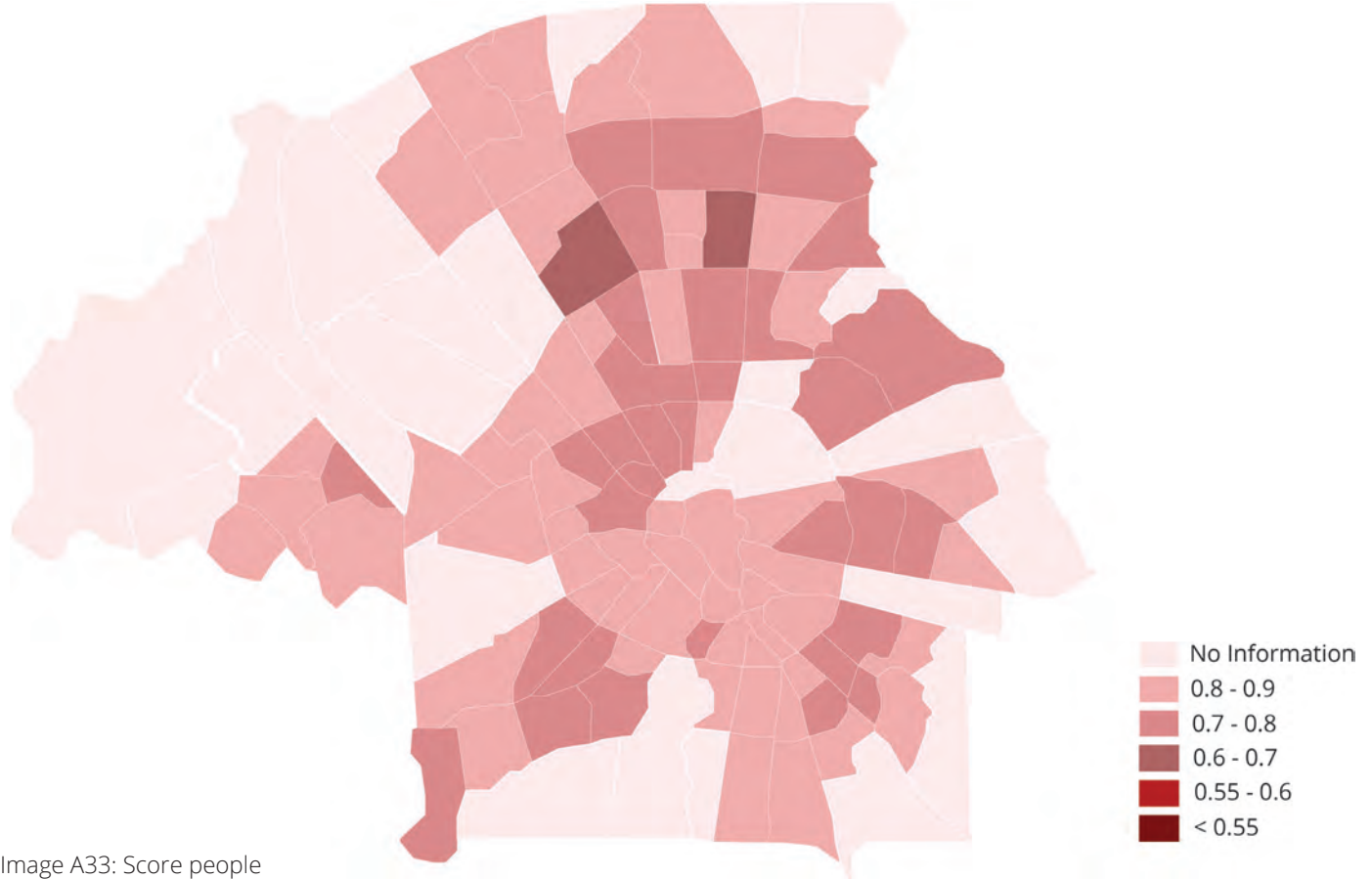


Image A33: Score people

# Diversity in Age

Table A32: Scoring diversity in age

	0-15	15-25	25-45	45-65	65+	Score
Achtse Barrier-Gunterslaer	15.5	10.9	24.5	28.6	20.6	1
Achtse Barrier-Hoeven	15.8	10.3	25.2	29.3	19.4	1
Achtse Barrier-Spaalhoef	16.2	9.1	25.7	30.2	18.8	1
Barrier	14.2	16.7	27.7	25.9	15.4	1
Bea2	-	9.4	31.2	46.9	12.6	1
Beemden	-	-	-	-	-	-
Bennekel Oost	12.6	15.2	37.2	21.6	13.4	1
Bennekel-West Gagelbosch	11.5	10.4	28.6	23.2	26.4	1
Bergen	5.7	18.5	47.8	18.6	9.3	1
Binnenstad	3.9	26.7	46.4	13.6	9.4	1
Blaarthem	13.4	13.2	33.5	26	13.9	1
Blixembosch-Oost	17.4	15.1	21	35.2	11.2	1
Blixembosch-West	14.6	13.2	17.8	34.6	19.8	1
Bloemenplein	11.5	14.8	41.2	21.5	11.1	1
Bokt	15.7	13	13	42.6	15.6	1
Bosrijk	24.7	11.9	24.3	33.8	5.3	1
Burghplan	14.3	13.3	32.8	26.3	13.1	1
Castillelaan	13.4	33	32	13.4	8.3	1
Doornakkers-Oost	15.4	13	30	24.6	17.1	1
Doornakkers-West	14.1	15.7	33.2	22.8	14.1	1
Drents Dorp	18.2	10.3	34.1	24.7	12.5	1
Driehoeksbos	10.2	13	12	31.3	33.7	1
Eckart	15	12.7	25.6	24.7	21.8	1
Eckertdal	0.3	3.8	16.8	46.1	32.8	1
Eikenburg	13.5	14.4	19.9	31.4	20.8	1
Eindhoven Airport	0	0	16.7	50	33.4	1
Elaisterrein Vonderkwartier	14	14.8	33.3	24.3	13.3	1
Elzient-Noord	11.3	13.9	31.3	22.7	20.5	1
Elzient-Zuid	9.8	12.9	15.3	27.5	34.3	1
Engelsbergen	10.4	13.6	23.2	30.8	22	1
Esp	0	0	46.7	6.7	46.6	1
Fellenoord	1.1	33.7	64.1	1.2	0	1
Flight Forum	0	0	100	0	0	0
Genderbeemd	14.6	10.5	28.6	25.5	20.7	1
Genderdal	12	11.9	35.3	23	17.6	1
Generalenbuurt	12.6	12.8	32.2	22.8	19.8	1
Genep	12.6	18.8	28.1	25.1	15.7	1
Genneperzijde	9.3	14	13.8	20.6	42.1	1
Gerardusplein	16.9	15.1	30.6	25.2	12.2	1
Gijzenrool	14.2	10.7	18.4	34.4	22.3	1
Glidebuurt	5.7	20.2	38.7	18.5	16.8	1
Grasrijk	24.6	8.9	33.9	23.4	9.2	1
Hagenkamp	8.4	8.6	31.1	18.1	33.7	1
Hanevoet	15.4	12.5	22.1	28.4	21.7	1
Heesterakker	15.4	11.1	21.2	30.8	21.4	1
Hemelrijken	1102	23.7	37.5	18.5	9.4	1
Herdgang	0	41.7	0	41.6	16.7	1
Het Ven	13.6	15.1	33.5	22.5	15.3	1
Hondsheuvels	0.4	6.9	3.7	5.6	83.6	0.75
Hurk	3.4	11.9	45.9	23.8	15.3	1
Irisbuurt	11.7	14.2	43.1	20.7	10.1	1
Jagershoef	15.2	12	27.4	24.3	21.1	1
Joriskwartier	10.2	19.3	39.2	19	12.5	1
Kapelbeemd	16.3	18.2	22.7	28.2	14.5	1
Karpen	13.5	10.2	12.4	31.8	32.3	1
Kerkdorp Acht	12.9	11.5	17.3	32.7	15.5	1
Kerstroosplein	15.6	14.6	33.7	25.3	10.9	1
Koudenhoven	18.6	7.8	14.7	29.6	29.4	1
Kronehoef	10.1	13.3	32.3	18.5	26	1
Kruidenbuurt	20.1	12.3	33.8	23.7	10.1	1
Lakerloopen	11.7	15	40	20.4	12.7	1
Leenderheide	0	0	0	0	0	-
Lievendal	15.7	10.6	33	25.1	15.6	1
Limbeek-Noord	6.3	26.3	45.8	15	6.7	1
Limbeek-Zuid	11.2	13.9	32	27.6	15.4	1

Loolakkers	6	20	42.4	14.9	16.7	1
Luytelae	12.9	8.8	14.2	25.5	38.4	1
Meerbos	13.7	10.3	27.6	34.6	13.8	1
Meerrijk	10.3	5.9	42.9	19.1	21.7	1
Mensfort	13.2	12.6	34.3	22.8	17.1	1
Mispelhoefe	12	12	16	28	32	1
Muschberg Geestenber	13.7	12.7	28.8	25.6	19.2	1
Nieuwe Erven	10.1	18.6	36.5	20.4	14.5	1
Ooievaarsnest	15.6	10.5	16.5	6.5	31.3	1
Oude Gracht-Oost	17.9	11.2	17.1	29.3	24.6	1
Oude Gracht-West	11.7	12.2	33.2	21.5	21.2	1
Oude Spoorbaan	8.5	15	46.3	29.7	10.6	1
Oude Toren	8.4	11.3	27.1	20	33.1	1
Park Forum	26	13	30.3	30.3	0	1
Phillipsdorp	7.8	14	45.6	21.3	11.2	1
Poeijers	0	0	0	0	0	-
Prinseljag	13.2	11.6	27.6	24.1	23.3	1
Puttense Dreef	18.5	10.4	27.8	29.1	14.2	1
Rapelenburg	12.3	18.2	42.6	17.4	9.5	1
Rapenland	11.9	19.3	36.2	20.8	11.7	1
Riel	11	14.9	12.5	37.4	24.2	1
Rochesbuurt	8.7	25.2	44.1	14.4	7.7	1
Roosten	22.7	13.3	13.4	30.2	20.5	1
Schoot	8	20.3	44.8	16.6	10.3	1
Schouwbroek	13.2	10.3	35.7	26.7	14.3	1
Schrijversbuurt	13.8	16.7	26.7	25.6	17.2	1
Schuttersbosch	14.4	9.4	11.6	31.4	33.5	1
Sintenbuurt	17.7	11.7	32	24.1	14.4	1
Sportpark Aalsterweg	10.5	5.3	31.7	21.1	31.6	1
Strijp-S	2.3	20.6	67.8	7.8	1.6	1
t Hofke	13.4	16.8	24.9	25.3	19.6	1
t Hooi	20.1	12.2	28	22.5	17.1	1
Tempel	15.4	11.5	24.4	24	24.7	1
Tivoli	17.2	8.2	28.6	28.7	17.1	1
Tongelresche Akkers	26.1	7.4	42.2	16.8	7.6	1
Tuindorp	12.2	14.2	29	21.5	23.2	1
TU-terrein	0	54.3	45.2	0.5	0	-
Urkhoven	17	15.2	20.5	31.6	15.7	1
Vaartbroek	16.6	13.1	26.0	25.4	18.1	1
Villapark	13.9	13.5	32.1	24.8	15.8	1
Vlokhoven	14.7	13.3	25.6	23.6	22.8	1
Vredeoord	0.2	17.3	41.8	29.6	10.9	1
Waterrijk	28.4	9.8	37.7	21.6	2.3	1
Wielewaal	21.2	18.3	19	28.8	12.6	1
Winkelcentrum	3.2	12.8	43.2	20.9	19.8	1
Witte Dame	5	15.3	5.3	13.3	9	1
Woenselse Heide	17.1	13.4	23.4	26.6	19.6	1
Woenselse Watermolen	19.6	4	55.1	9.2	12	1
Woensel-West	16.8	18.2	37.2	20.7	7	1
Zandrijk	18.9	11.8	23.5	29.5	16.3	1
Zwaanstraat	27.8	4.1	46.6	18	3.6	1

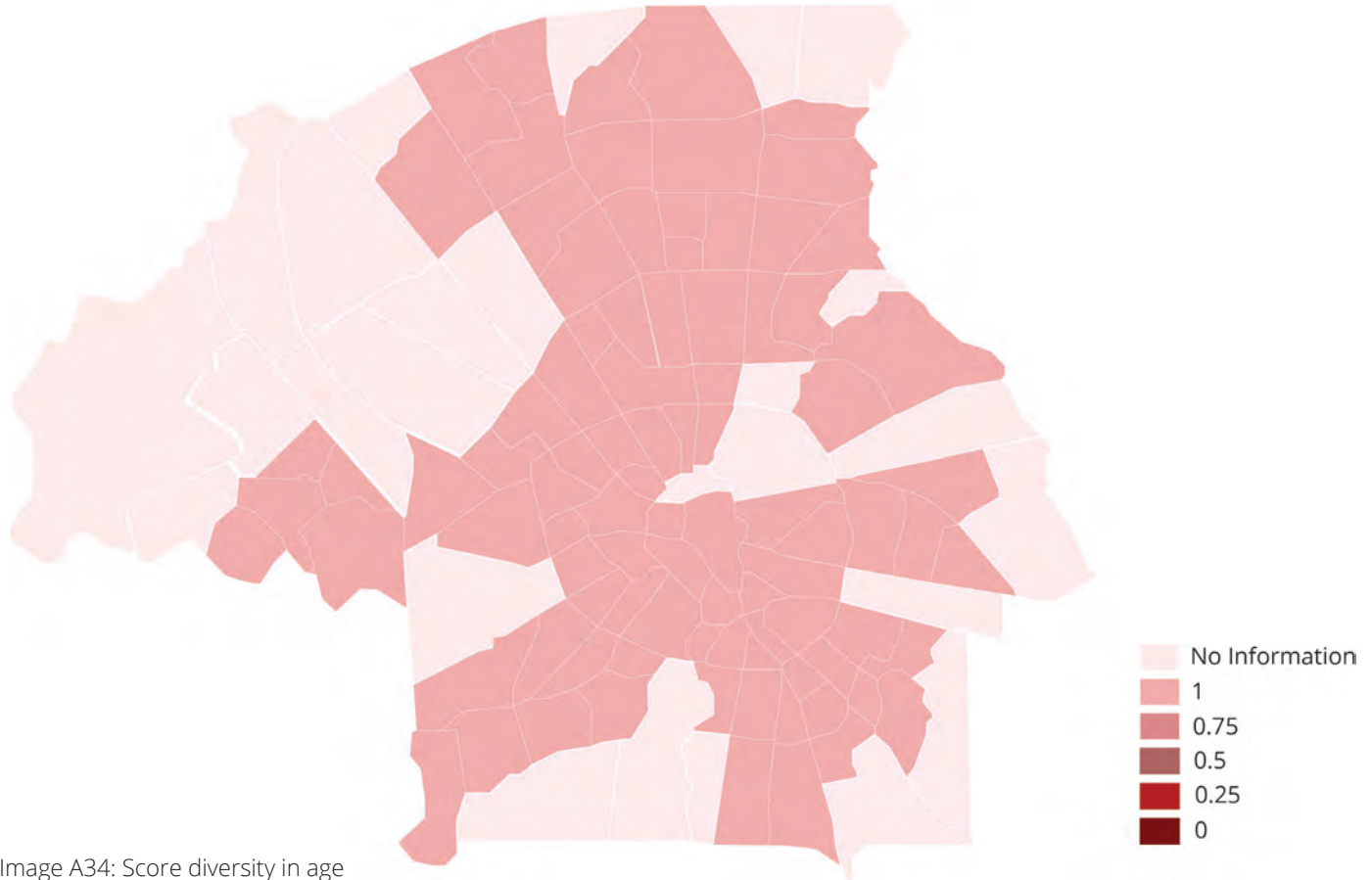


Image A34: Score diversity in age

# Income

Table A33: Scoring income

	Average income per recipient (x1000 euro)	Score
Achtse Barrier-Gunterslaer	34.5	0.5
Achtse Barrier-Hoeven	33.4	0.5
Achtse Barrier-Spaalhoef	37.2	0.75
Barrier	30.2	0.5
BeA2	-	-
Beemden	-	-
Bennekel-Oost	27.2	0.25
Bennekel-West, Gagelbosch	26.2	0.25
Bergen	40.6	1
Binnenstad	37.3	0.75
Blaarthem	28.1	0.25
Blixembosch-Oost	42.9	1
Blixembosch-West	45.1	1
Bloemenplein	29.6	0.25
Bokt	-	-
Bosrijk	58.7	1
Burghplan	29.3	0.25
Castiljelaan	-	-
Doornakkers-Oost	24.4	0
Doornakkers-West	27.2	0.25
Drents Dorp	26.9	0.25
Driehoeksbos	48.7	1
Eckart	25.3	0.25
Eckartdal	-	-
Eikenburg	50.6	1
Eindhoven Airport	-	-
Eliasterrein, Vanderkwartier	38.4	0.75
Elzert-Noord	54.5	1
Elzert-Zuid	67.7	1
Engelsbergen	40.3	1
Esp	-	-
Fellenoord	33.1	0.5
Flight Forum	-	-
Genderbeemd	34.5	0.5
Genderdal	25.5	0.25
Generalenbuurt	28.7	0.25
Gennep	-	-
Gennepzijdje	42	1
Gerardusplein	37	0.75
Gijzenrooi	45.4	1
Gildebuurt	29.5	0.25
Grasrijk	45.6	1
Hagenkamp	28.1	0.25
Hanevoet	31	0.5
Heesterakker	36.5	0.75
Hemelrijken	24	0
Herdgang	-	-
Het Ven	28.3	0.25
Hondsheuvels	26.5	0.25
Hurk	-	-
Irisbuurt	38.7	0.75
Jagershoef	24.8	0
Joriskwartier	33.4	0.5
Kapelbeemd	-	-
Karpen	102.6	1
Kerkdorp Acht	43.2	1
Kerstroosplein	26.8	0.25
Koudenhoven	71.5	1
Kronenhoef	29	0.25
Kruidenbuurt	31.4	0.5
Lakerloopen	29	0.25
Leenderheide	-	-
Lievendal	30	0.5
Limbeek-Noord	27.3	0.25
Limbeek-Zuid	27.4	0.25
Looiakkers	35.9	0.75
Luytelaer	53.9	1
Meerbos	-	-
Meerrijk	45.4	1
Mensfort	27.2	0.25
Mispelhoef	-	-
Muschberg, Geestenberg	27.8	0.25
Nieuwe Erven	26.8	0.25
Ooievaarsnest	51.7	1
Oude Gracht-Oost	45.9	1
Oude Gracht-West	29.6	0.25
Oude Spoorbaan	34.5	0.5
Oude Toren	28.3	0.25
Park Forum	-	-
Philipsdorp	36.5	1
Poeijers	-	-
Prinsejagt	29.2	0.25
Puttense Dreef	48.7	1
Rapenburg	39.6	0.75
Rapenland	26.4	0.25
Riel	43	1
Rochusbuurt	32.4	0.5
Roosten	57.8	1
Schoot	30	0.5
Schouwbroek	30.6	0.5
Schrijversbuurt	39.5	0.75
Schuttersbosch	45.6	1
Sintenbuurt	33.5	0.5
Sportpark Aalsterweg	-	-
Strijp S	37.6	0.75
't Hofke	29.4	0.25
't Hool	28.9	0.25
Tempel	28.4	0.25
Tivoli	22.7	0
Tongelresche Akkers	42.4	1
Tuindorp	38	0.75
TU-terrein	19.8	0
Urkhoven	25.6	0.25
Vaartbroek	26.7	0.25
Villapark	57.9	1
Vlokhoven	24.9	0
Vredeoord	11.7	0
Waterrijk	53.5	1
Wielewaal	-	-
Winkelcentrum	37.2	0.75
Witte Dame	45.8	1
Woenselse Heide	28.3	0.25
Woenselse Watermolen	45	1
Woensel-West	26.7	0.25
Zandrijk	40.5	1
Zwaanstraat	54.3	1

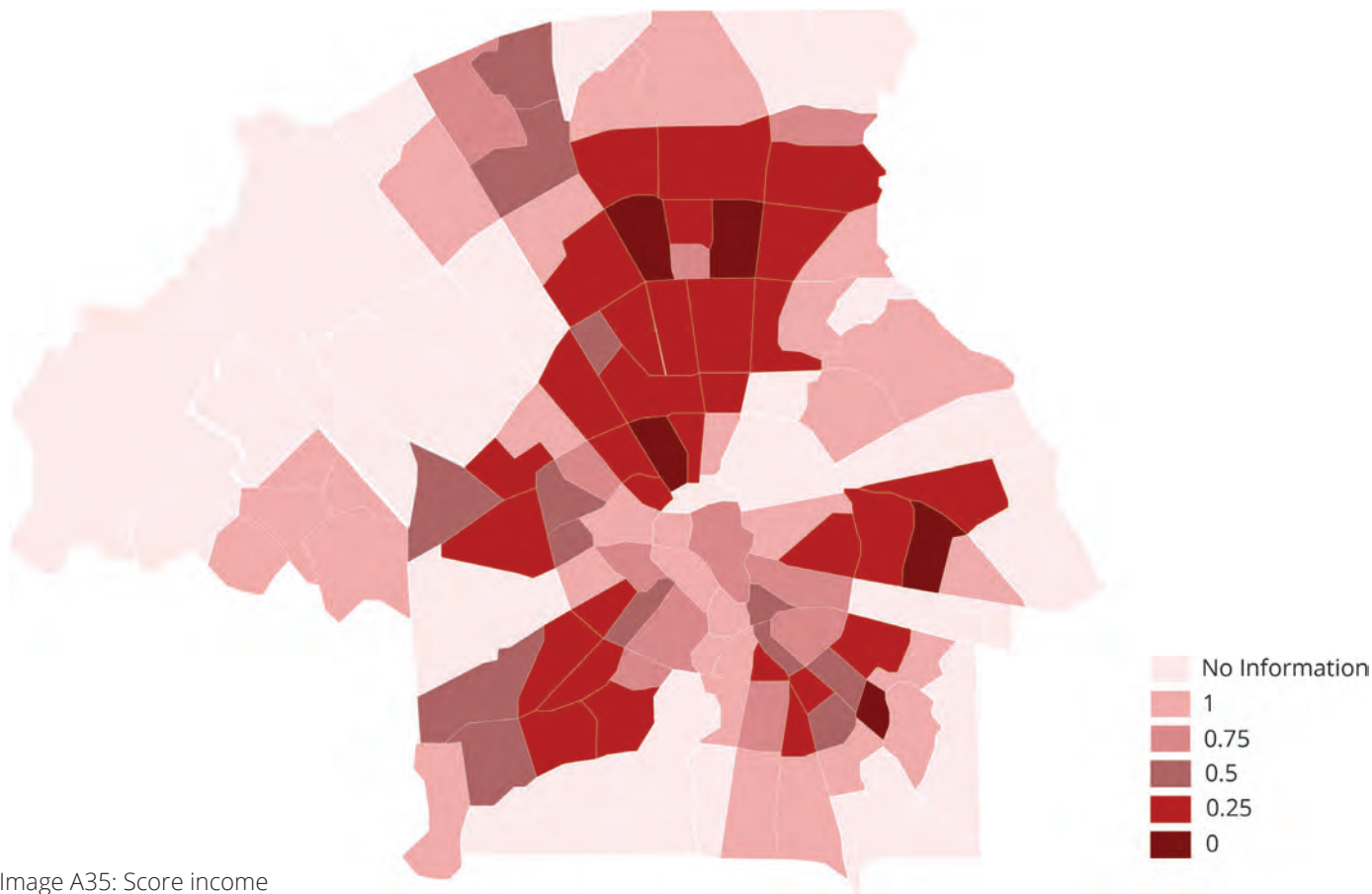


Image A35: Score income

# Employement Rate

Table A34: Scoring employment rate

	Unemployment 15-74	Employement Rate	Score
Achtse Barrier-Gunterslaer	4%	96%	0.96
Achtse Barrier-Hoeven	6%	94%	0.94
Achtse Barrier-Spaaihoef	3%	97%	0.97
Barrier	8%	92%	0.92
BeA2	-	-	-
Beemden	-	-	-
Bennekel-Oost	10%	90%	0.9
Bennekel-West, Gagelbosch	10%	90%	0.9
Bergen	4%	96%	0.96
Binnenstad	10%	90%	0.9
Blaarthem	12%	88%	0.88
Blixembosch-Oost	3%	97%	0.97
Blixembosch-West	2%	98%	0.98
Bloemenplein	10%	90%	0.9
Bokt	-	-	-
Bosrijk	-	-	-
Burghplan	11%	89%	0.89
Castiljelaan	18%	82%	0.82
Doornakkers-Oost	15%	85%	0.85
Doornakkers-West	10%	90%	0.9
Drents Dorp	11%	89%	0.89
Driehoeksbos	3%	97%	0.97
Eckart	10%	90%	0.9
Eckartdal	-	-	-
Eikenburg	3%	97%	0.97
Eindhoven Airport	-	-	-
Eliasterrein, Vonderkwartier	5%	95%	0.95
Elzant-Noord	3%	97%	0.97
Elzant-Zuid	-	-	-
Engelsbergen	4%	96%	0.96
Esp	-	-	-
Fellenoord	-	-	-
Flight Forum	-	-	-
Genderbeemd	6%	94%	0.94
Genderdal	13%	87%	0.87
Generalenbuurt	9%	91%	0.91
Gennep	-	-	-
Genneperszijde	4%	96%	0.96
Gerardusplein	6%	94%	0.94
Gijzenrooi	3%	97%	0.97
Gildebuurt	8%	92%	0.92
Grasrijk	3%	97%	0.97
Hagenkamp	9%	91%	0.91
Hanevoet	6%	94%	0.94
Heesterakker	2%	98%	0.98
Hemelrijken	9%	91%	0.91
Herdgang	-	-	-
Het Ven	8%	92%	0.92
Hondsheuvels	-	-	-
Hurk	-	-	-
Irisbuurt	5%	95%	0.95
Jagershoef	11%	89%	0.89
Joriskwartier	6%	94%	0.94
Kapelbeemd	-	-	-
Karpen	-	-	-
Kerkdorp Acht	2%	98%	0.98
Kerstroosplein	11%	89%	0.89

Koudenhoven	-	-	-
Kronehoef	9%	91%	0.91
Kruidentbuurt	8%	92%	0.92
Lakerlopen	8%	92%	0.92
Leenderheide	-	-	-
Lievendaal	8%	92%	0.92
Limbeek-Noord	8%	92%	0.92
Limbeek-Zuid	13%	87%	0.87
Looiakkers	4%	96%	0.96
Luytelaer	-	-	-
Meerbos	51%	49%	0.49
Meerrijk	4%	96%	0.96
Mensfort	11%	89%	0.89
Mispelhoef	-	-	-
Muschberg, Geestenber	7%	93%	0.93
Nieuwe Erven	11%	89%	0.89
Oeiovaarsnest	2%	98%	0.98
Oude Gracht-Oost	2%	98%	0.98
Oude Gracht-West	6%	94%	0.94
Oude Spoorbaan	6%	94%	0.94
Oude Toren	13%	87%	0.87
Park Forum	-	-	-
Philipsdorp	7%	93%	0.93
Poeijers	-	-	-
Prinsejagt	7%	93%	0.93
Puttense Dreef	3%	97%	0.97
Rapelenburg	3%	97%	0.97
Rapenland	10%	90%	0.9
Riel	-	-	-
Rochusbuurt	6%	94%	0.94
Roosten	-	-	-
Schoot	5%	95%	0.95
Schouwbroek	7%	93%	0.93
Schrijversbuurt	6%	94%	0.94
Schuttersbosch	2%	98%	0.98
Sintenbuurt	7%	93%	0.93
Sportpark Aalsterweg	-	-	-
Strijp S	6%	94%	0.94
't Hofke	10%	90%	0.9
't Hool	14%	86%	0.86
Tempel	8%	92%	0.92
Tivoli	18%	82%	0.82
Tongelresche Akkers	5%	95%	0.95
Tuindorp	4%	96%	0.96
TU-terrein	4%	96%	0.96
Urkhoven	16%	84%	0.84
Vaartbroek	11%	89%	0.89
Villapark	4%	96%	0.96
Vlokhoven	11%	89%	0.89
Vredeoord	39%	61%	0.61
Waterrijk	3%	97%	0.97
Wielewaal	-	-	-
Winkelcentrum	5%	95%	0.95
Witte Dame	4%	96%	0.96
Woenselse Heide	8%	92%	0.92
Woenselse Watermolen	3%	97%	0.97
Woensel-West	10%	90%	0.9
Zandrijk	3%	97%	0.97
Zwaanstraat	3%	97%	0.97

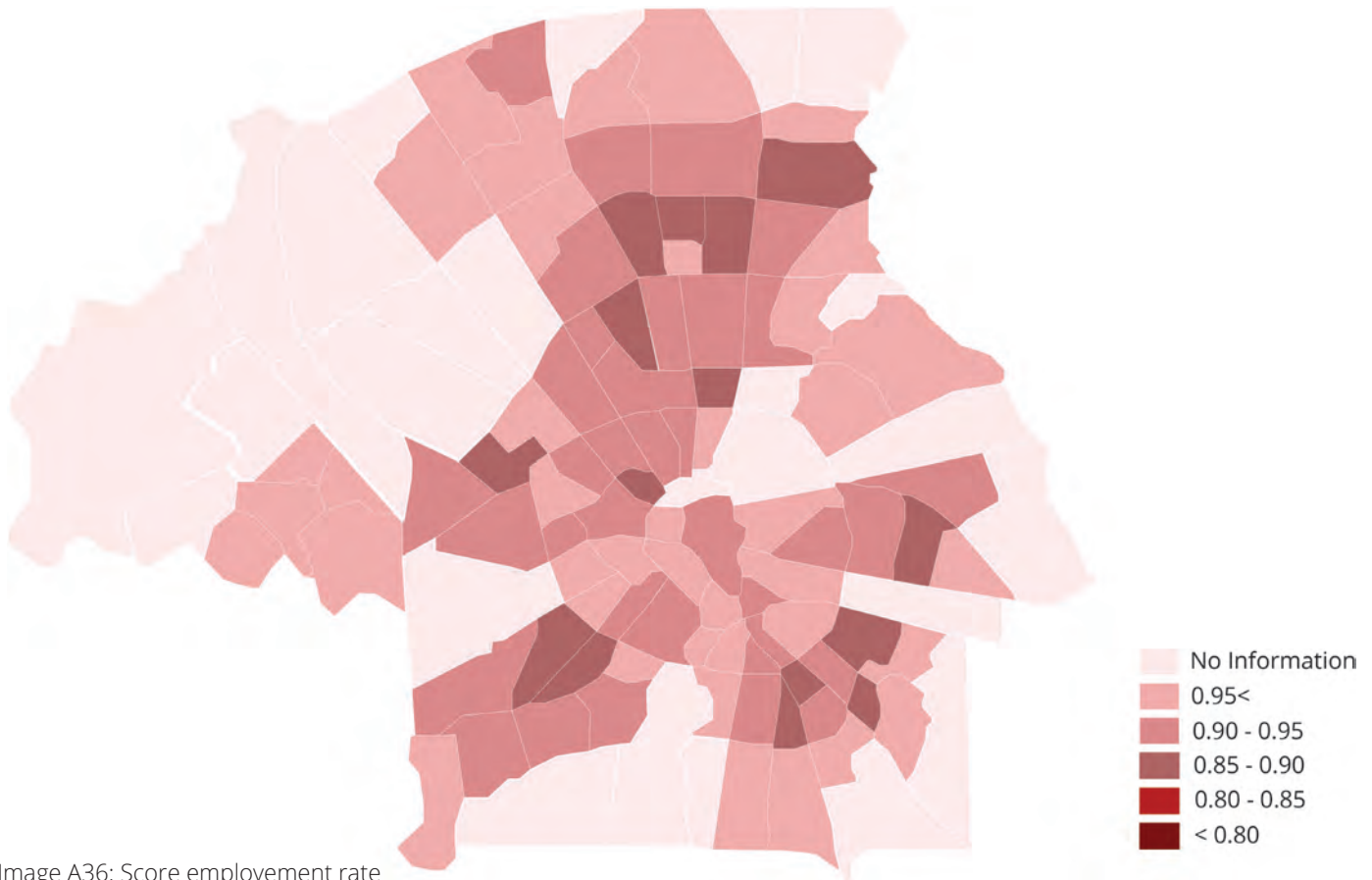


Image A36: Score employment rate

# Happiness Rate

Table A35: Scoring happiness rate

	% which does not feel happy or is unhappy	Happiness rate	Score
Achtse Barrier-Gunterslaer	0.03	0.97	0.97
Achtse Barrier-Hoeven	0.07	0.93	0.93
Achtse Barrier-Spaalhoef	0.04	0.96	0.96
Barrier	0.04	0.96	0.96
BeA2	-	-	-
Beemden	-	-	-
Bennekel-Oost	0.05	0.95	0.95
Bennekel-West, Gagelbosch	0.05	0.95	0.95
Bergen	0.04	0.96	0.96
Binnenstad	0.06	0.94	0.94
Blaarthem	0.07	0.93	0.93
Blixembosch-Oost	0.01	0.99	0.99
Blixembosch-West	0.01	0.99	0.99
Bloemenplein	0.07	0.93	0.93
Bokt	-	-	-
Boersijk	0.03	0.97	0.97
Burghplan	0.05	0.95	0.95
Castilleiaan	-	-	-
Doornakkers-Oost	0.09	0.91	0.91
Doornakkers-West	0.09	0.91	0.91
Drents Dorp	0.05	0.95	0.95
Driehoeksbos	0.06	0.94	0.94
Eckart	0.04	0.96	0.96
Eckardal	-	-	-
Eikenburg	0.05	0.95	0.95
Eindhoven Airport	-	-	-
Elasterrein, Vonderkwartier	0.03	0.97	0.97
Elzent-Noord	0.03	0.97	0.97
Elzent-Zuid	0.03	0.97	0.97
Engelsbergen	0.03	0.97	0.97
Esp	-	-	-
Fallenoord	-	-	-
Flight Forum	-	-	-
Genderbeemd	0.03	0.97	0.97
Gendérdal	0.09	0.91	0.91
Generaalbuurt	0.05	0.95	0.95
Gennepe	-	-	-
Genneperzijde	0.03	0.97	0.97
Gerardusplein	0.02	0.98	0.98
Gijzenrooi	0.04	0.96	0.96
Gildebuurt	0.09	0.91	0.91
Grasrijk	0.03	0.97	0.97
Hagenkamp	0.04	0.96	0.96
Hanevoet	0.04	0.96	0.96
Heesterakker	0.04	0.96	0.96
Hemelrijken	0.09	0.91	0.91
Herdgang	-	-	-
Het Ven	0.07	0.93	0.93
Hondsheuvels	-	-	-
Hurk	-	-	-
Irisbuurt	0.07	0.93	0.93
Jagershoef	0.04	0.96	0.96
Joriskwartier	0.04	0.96	0.96
Kapelbeemd	-	-	-
Karpen	0.05	0.95	0.95
Kerkdorp Acht	0.04	0.96	0.96
Kerstroosplein	0.07	0.93	0.93
Koudenhoven	0.05	0.95	0.95

Kronehoef	0.07	0.93	0.93
Kruidenbuurt	0.04	0.96	0.96
Lakerloopen	0.08	0.92	0.92
Leenderheide	-	-	-
Lievendaal	0.08	0.92	0.92
Limbeek-Noord	0.10	0.90	0.90
Limbeek-Zuid	0.10	0.90	0.90
Loolakkers	0.04	0.96	0.96
Luytelaer	0.04	0.96	0.96
Meerbos	-	-	-
Meerrijk	0.05	0.95	0.95
Mensfort	0.07	0.93	0.93
Mispelhoef	-	-	-
Muschberg, Geestenberg	0.07	0.93	0.93
Nieuwe Erven	0.07	0.93	0.93
Ooievaarsnest	0.04	0.96	0.96
Oude Gracht-Oost	0.04	0.96	0.96
Oude Gracht-West	0.04	0.96	0.96
Oude Spoorbaan	0.04	0.96	0.96
Oude Toren	0.05	0.95	0.95
Park Forum	-	-	-
Philipsdorp	0.05	0.95	0.95
Poeljers	-	-	-
Prinsejagt	0.06	0.94	0.94
Puttense Dreef	0.04	0.96	0.96
Rapelenburg	0.07	0.93	0.93
Rapenland	0.07	0.93	0.93
Riel	-	-	-
Rochusbuurt	0.04	0.96	0.96
Roosten	0.05	0.95	0.95
Schoot	0.07	0.93	0.93
Schouwbroek	0.05	0.95	0.95
Schrijversbuurt	0.04	0.96	0.96
Schuttersbosch	0.04	0.96	0.96
Sintenbuurt	0.05	0.95	0.95
Sportpark Aalsterweg	-	-	-
Strijp S	0.06	0.94	0.94
't Hofke	0.07	0.93	0.93
't Hool	0.08	0.92	0.92
Tempel	0.05	0.95	0.95
Tivoli	0.05	0.95	0.95
Tongelresche Akkers	0.09	0.91	0.91
Tuindorp	0.07	0.93	0.93
TU-terrein	-	-	-
Urkhoven	-	-	-
Vaartbroek	0.05	0.95	0.95
Villapark	0.05	0.95	0.95
Vlokhoven	0.11	0.89	0.89
Vredeoord	-	-	-
Waterrijk	0.05	0.95	0.95
Wielewaal	-	-	-
Winkelcentrum	0.08	0.92	0.92
Witte Dame	0.04	0.96	0.96
Woenselse Heide	0.06	0.94	0.94
Woenselse Watermolen	0.05	0.95	0.95
Woensel-West	0.08	0.92	0.92
Zandrijk	0.03	0.97	0.97
Zwaanstraat	0.05	0.95	0.95

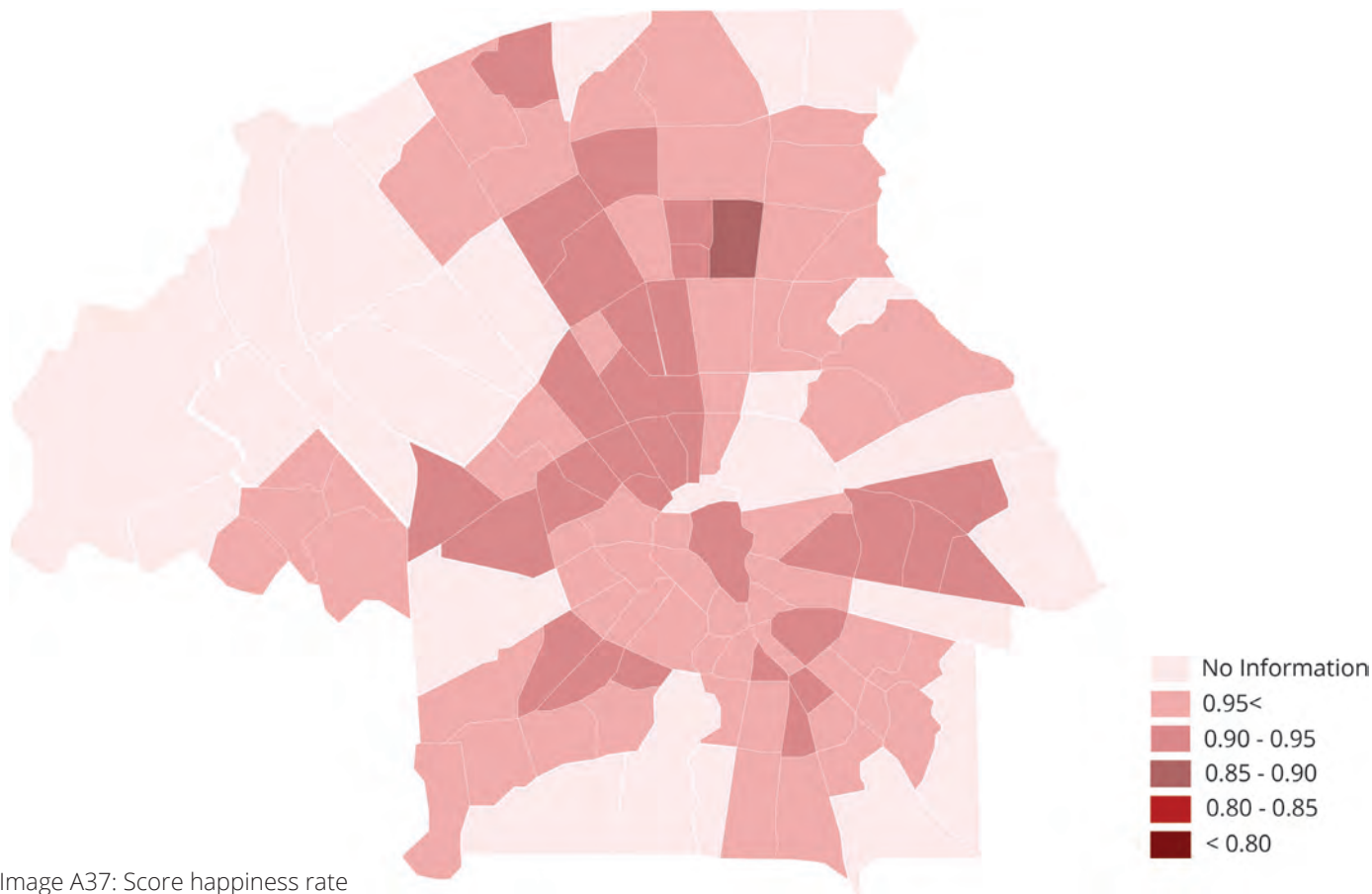


Image A37: Score happiness rate

# Diversity in Ethnicity

Table A36: Scoring diversity in ethnicity

	Native	Western ethnicity	Non-western ethnicity	Population	Score
Achtse Barrier-Gunterslaer	2738	511	462	3711	0.75
Achtse Barrier-Hoeven	2781	533	622	3936	0.75
Achtse Barrier-Spaaihoef	3501	529	444	4474	0.75
Barrier	1228	312	537	2077	1.00
BeA2	17	-	-	26	-
Beemden	-	-	-	-	-
Bennekel-Oost	1591	768	969	3328	1.00
Bennekel-West, Gagelbosch	1859	582	885	3326	1.00
Bergen	1474	641	660	2775	1.00
Binnenstad	1900	1056	1030	3986	1.00
Blaarthem	1322	386	730	2438	1.00
Blixembosch-Oost	5046	868	1308	7222	1.00
Blixembosch-West	1549	190	311	2050	0.75
Bloemenplein	691	246	262	1199	1.00
Bokt	115	-	-	124	0.00
Bosrijk	311	54	49	414	0.75
Burghplan	1633	415	947	2995	1.00
Castiljelaan	66	-	-	68	0.00
Doornakkers-Oost	1544	390	954	2888	1.00
Doornakkers-West	2043	549	945	3537	1.00
Drents Dorp	1428	350	587	2365	1.00
Driehoeksbos	764	98	100	962	0.75
Eckart	2292	568	1414	4274	1.00
Eckartdal	240	37	13	290	0.75
Eikenburg	1284	170	41	1495	0.75
Eindhoven Airport	-	-	-	-	-
Eliasterrein, Vonderkwartier	2278	535	341	3154	0.75
Elzent-Noord	643	195	201	1039	1.00
Elzent-Zuid	234	46	16	296	0.75
Engelsbergen	482	118	32	632	0.75
Esp	10	-	-	12	0.00
Fellenoord	12	53	107	172	1.00
Flight Forum	-	-	-	-	-
Genderbeemd	2320	664	593	3577	1.00
Genderdal	1538	435	951	2924	1.00
Generalenbuurt	3030	781	1539	5350	1.00
Gennep	29	-	-	35	0.75
Gennepzijdje	1150	144	58	1352	0.75
Gerardusplein	2427	481	414	3322	0.75
Gijzenrooi	1435	211	156	1802	0.75
Gildebuurt	870	389	419	1678	1.00
Grasrijk	3100	851	1868	5819	1.00
Hagenkamp	757	163	252	1172	1.00
Hanevoet	2210	533	903	3646	1.00
Heesterakker	2043	333	266	2642	0.75
Hemelrijken	1560	785	1591	3936	1.00
Herdgang	-	-	-	14	-
Het Ven	2517	655	617	3789	1.00
Hondsheuvels	229	27	10	266	0.75
Hurk	48	13	-	65	0.25
Irisbuurt	1514	449	452	2415	1.00
Jagershoef	1904	417	1155	3476	1.00
Joriskwartier	871	225	185	1281	0.75
Kapelbeemd	99	10	-	110	0.25
Karpen	364	51	43	458	0.75
Kerkdorp Acht	2801	412	325	3538	0.75
Kerstroosplein	1080	317	458	1855	1.00

Koudenhoven	414	61	35	510	0.75
Kronehoef	2478	685	1115	4278	1.00
Kruidentbuurt	1813	494	821	3128	1.00
Lakerloopen	1607	600	1012	3219	1.00
Leenderheide	-	-	-	-	-
Lievendaal	1932	508	698	3138	1.00
Limbeek-Noord	1049	637	742	2428	1.00
Limbeek-Zuid	680	205	501	1386	1.00
Looiakkers	495	111	61	667	0.75
Luytelar	770	113	66	949	0.75
Meerbos	46	-	-	50	0.00
Meerijk	520	109	173	802	1.00
Mensfort	1569	461	1046	3076	1.00
Mispelhoef	22	-	-	25	0.00
Muschberg, Geestenber	2526	545	877	3948	1.00
Nieuwe Erven	697	160	216	1073	1.00
Ooievaarsnest	648	139	133	920	0.75
Oude Gracht-Oost	1048	166	120	1334	0.75
Oude Gracht-West	1782	446	613	2841	1.00
Oude Spoorbaan	1205	437	492	2134	1.00
Oude Toren	1044	247	358	1649	1.00
Park Forum	21	-	-	23	0.00
Philipsdorp	2063	547	456	3066	0.75
Poeijers	-	-	-	-	-
Prinsejagt	3208	702	797	4707	1.00
Puttense Dreef	925	181	157	1263	0.75
Rapelenburg	770	196	148	1114	1.00
Rapenland	1019	370	960	2349	1.00
Riel	116	11	-	131	0.75
Rochusbuurt	1062	380	305	1747	1.00
Roosten	611	78	40	729	0.75
Schoot	1863	796	834	3493	1.00
Schouwbroek	1056	231	217	1504	0.75
Schrijversbuurt	2717	505	368	3590	1.00
Schuttersbosch	550	59	16	625	0.75
Sintenbuurt	1331	222	264	1817	0.75
Sportpark Aalsterweg	12	-	-	15	0.00
Strijp S	1315	267	211	1793	0.75
't Hofke	2076	585	1073	3734	1.00
't Hool	1069	322	861	2252	1.00
Tempel	3178	613	1282	5073	1.00
Tivoli	931	177	428	1536	1.00
Tongelresche Akkers	1192	211	309	1712	1.00
Tuindorp	2250	409	223	2882	0.75
TU-terrein	85	258	385	728	1.00
Urkhoven	142	-	11	162	0.75
Vaartbroek	2821	690	1668	5179	1.00
Villapark	1808	401	233	2442	0.75
Vlokhoven	1725	473	1317	3515	1.00
Vredeoord	314	49	136	499	1.00
Waterrijk	1562	402	535	2499	1.00
Wielewaal	64	41	11	116	1.00
Winkelcentrum	390	147	139	676	1.00
Witte Dame	841	613	775	2229	1.00
Woenselse Heide	3165	673	1391	5229	1.00
Woenselse Watermolen	417	218	728	1363	1.00
Woensel-West	2314	664	1397	4375	1.00
Zandrijk	1728	413	776	2917	1.00
Zwaanstraat	855	196	185	1236	1.00

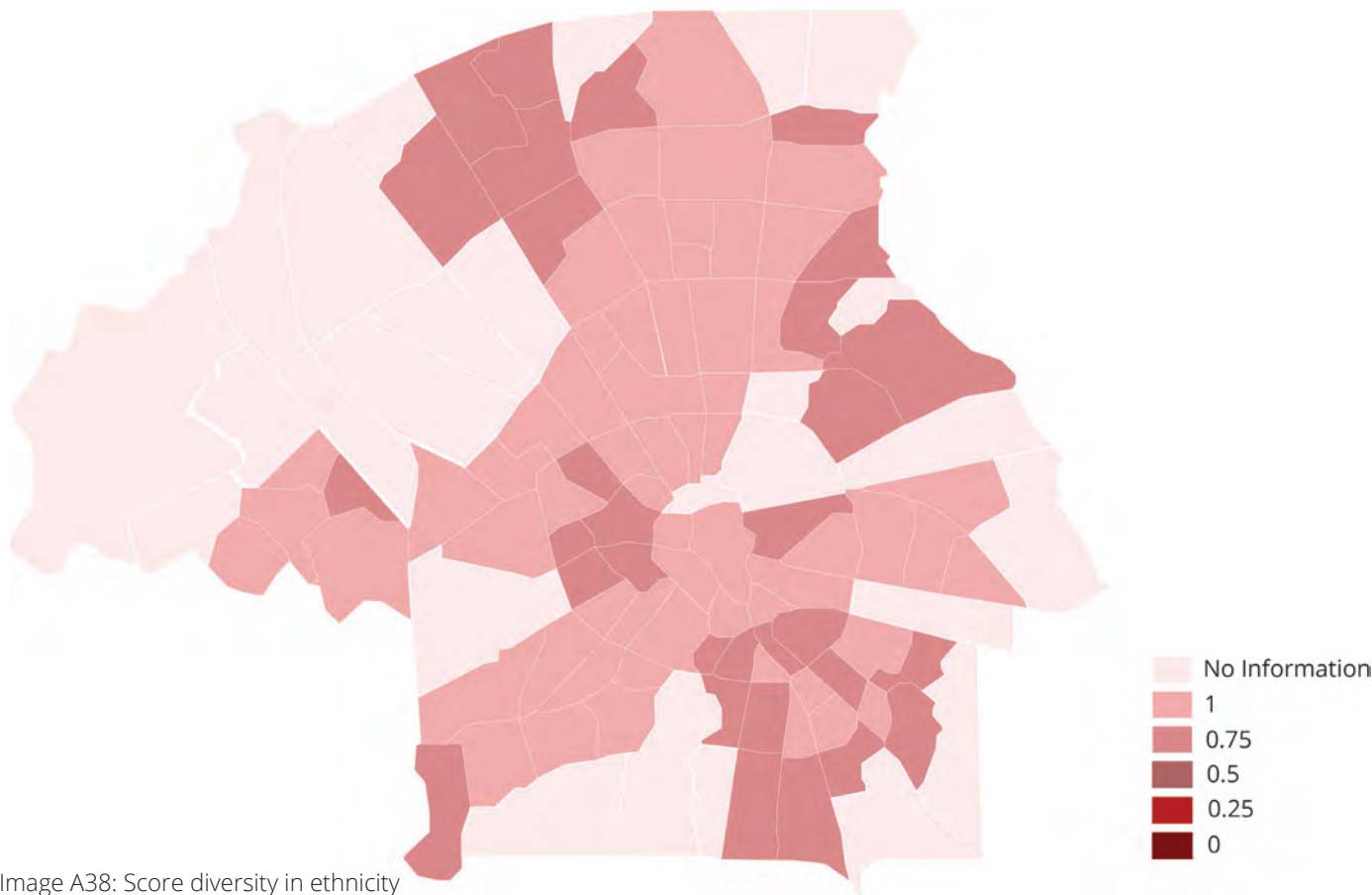


Image A38: Score diversity in ethnicity



# Health Satisfaction

Table A37: Scoring health satisfaction

	Assessed health bad or mediocre	Health Satisfaction	Score
Achtse Barrier-Gunterslaer	10%	0.90	0.90
Achtse Barrier-Hoeven	15%	0.85	0.85
Achtse Barrier-Spaalhoef	11%	0.89	0.89
Barrier	12%	0.88	0.88
BeA2	-	-	-
Beemden	-	-	-
Bennekel-Oost	16%	0.84	0.84
Bennekel-West, Gagelbosch	16%	0.84	0.84
Bergen	6%	0.94	0.94
Binnenstad	8%	0.92	0.92
Blaarthem	11%	0.89	0.89
Blixembosch-Oost	10%	0.90	0.90
Blixembosch-West	10%	0.90	0.90
Bloemenplein	8%	0.92	0.92
Bokt	-	-	-
Boerijk	6%	0.94	0.94
Burghplan	18%	0.82	0.82
Castillelaan	-	-	-
Doornakkers-Oost	14%	0.86	0.86
Doornakkers-West	14%	0.86	0.86
Drehts Dorp	10%	0.90	0.90
Driehoeksbos	14%	0.86	0.86
Eckart	9%	0.91	0.91
Eckartdal	-	-	-
Eikenburg	9%	0.91	0.91
Eindhoven Airport	-	-	-
Elasterrein, Vonderkwartier	6%	0.94	0.94
Elizent-Noord	6%	0.94	0.94
Elizent-Zuid	6%	0.94	0.94
Engelsbergen	6%	0.94	0.94
Esp	-	-	-
Fallenoord	-	-	-
Flight Forum	-	-	-
Genderbeemd	13%	0.87	0.87
Genderdal	11%	0.89	0.89
Generalenbuurt	11%	0.89	0.89
Gennep	-	-	-
Gennepzijdje	6%	0.94	0.94
Gerardusplein	7%	0.93	0.93
Gijzenrooi	9%	0.91	0.91
Gildebuurt	10%	0.90	0.90
Grasrijk	6%	0.94	0.94
Hagenkamp	6%	0.94	0.94
Hanevoet	18%	0.82	0.82
Heesterakker	12%	0.88	0.88
Hemelrijken	10%	0.90	0.90
Herdgang	-	-	-
Het Ven	14%	0.86	0.86
Hondsheuvels	-	-	-
Hurk	-	-	-
Irisbuurt	10%	0.90	0.90
Jagershoef	21%	0.79	0.79
Joriskwartier	11%	0.89	0.89
Kapelbeemd	-	-	-
Karpen	7%	0.93	0.93
Kerkdorp Acht	9%	0.91	0.91
Kerstroosplein	8%	0.92	0.92
Koudenhoven	7%	0.93	0.93

Kronehoef	13%	0.87	0.87
Kruidenbuurt	11%	0.89	0.89
Lakerlofen	11%	0.89	0.89
Leenderheide	-	-	-
Lievendaal	12%	0.88	0.88
Limbeek-Noord	14%	0.86	0.86
Limbeek-Zuid	14%	0.86	0.86
Loolakkers	11%	0.89	0.89
Luytelaer	9%	0.91	0.91
Meerbos	-	-	-
Meerrijck	11%	0.89	0.89
Mensfort	17%	0.83	0.83
Mispelhoef	-	-	-
Muschberg, Geestenberg	13%	0.87	0.87
Nieuwe Erven	10%	0.90	0.90
Ooievaarsnest	18%	0.82	0.82
Oude Gracht-Oost	11%	0.89	0.89
Oude Gracht-West	11%	0.89	0.89
Oude Spoorbaan	6%	0.94	0.94
Oude Toren	14%	0.86	0.86
Park Forum	-	-	-
Philipsdorp	12%	0.88	0.88
Poelijers	-	-	-
Prinsejagt	14%	0.86	0.86
Puttense Dreef	9%	0.91	0.91
Rapelenburg	11%	0.89	0.89
Rapenland	17%	0.83	0.83
Riel	-	-	-
Rochusbuurt	11%	0.89	0.89
Roosten	9%	0.91	0.91
Schoot	14%	0.86	0.86
Schouwbroek	12%	0.88	0.88
Schrijversbuurt	6%	0.94	0.94
Schuttersbosch	9%	0.91	0.91
Sintenbuurt	18%	0.82	0.82
Sportpark Aalsterweg	-	-	-
Strijp S	8%	0.92	0.92
't Hofke	13%	0.87	0.87
't Hool	17%	0.83	0.83
Tempel	18%	0.82	0.82
Tivoli	18%	0.82	0.82
Tongelresche Akkers	14%	0.86	0.86
Tuindorp	10%	0.90	0.90
TU-terrein	-	-	-
Urkhoven	-	-	-
Vaartbroek	18%	0.82	0.82
Villapark	7%	0.93	0.93
Vlokhoven	23%	0.77	0.77
Vredeoord	-	-	-
Waterrijck	11%	0.89	0.89
Wielewaal	-	-	-
Winkelcentrum	17%	0.83	0.83
Witte Dame	6%	0.94	0.94
Woenselse Heide	18%	0.82	0.82
Woenselse Watermolen	14%	0.86	0.86
Woensel-West	8%	0.92	0.92
Zandrijck	6%	0.94	0.94
Zwaanstraat	10%	0.90	0.90

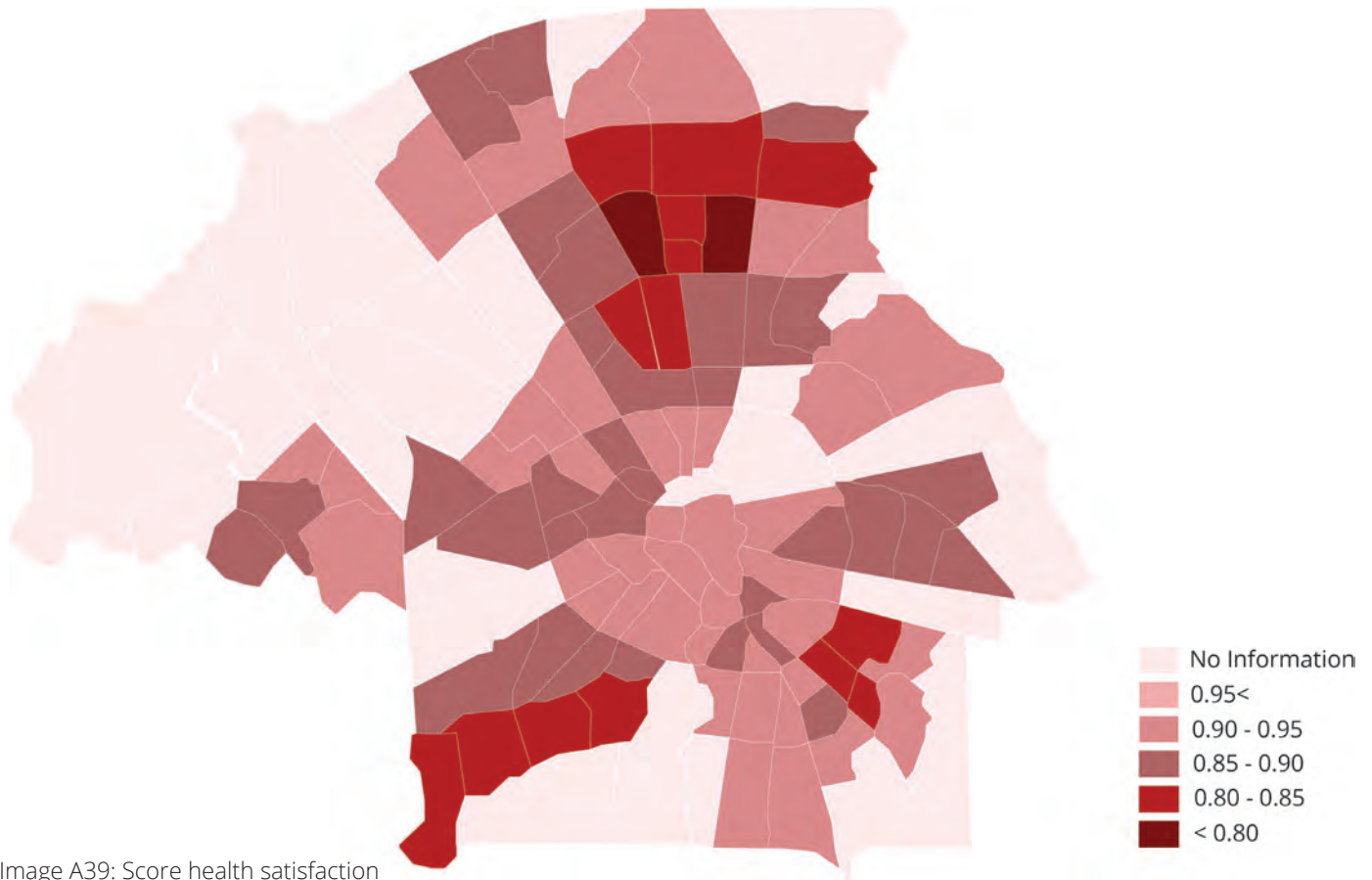


Image A39: Score health satisfaction

# Social Cohesion

Table A38: Scoring social cohesion

	Grade Social Cohesion	Score
Achtse Barrier-Gunterslaer	6.40	0.64
Achtse Barrier-Hoeven	6.60	0.66
Achtse Barrier-Spaaihoef	6.20	0.62
Barrier	6.00	0.60
BeA2	-	-
Beemden	-	-
Bennekel-Oost	5.60	0.56
Bennekel-West, Gagelbosch	5.60	0.56
Bergen	5.50	0.55
Binnenstad	4.90	0.59
Blaarthem	5.70	0.57
Blixembosch-Oost	6.60	0.66
Blixembosch-West	6.60	0.66
Bloemenplein	6.30	0.63
Bokt	-	-
Bosrijk	6.10	0.61
Burghplan	6.00	0.60
Castiëlalaan	6.60	0.66
Doornakkers-Oost	5.60	0.56
Doornakkers-West	5.60	0.56
Drents Dorp	6.40	0.64
Drieboeksbos	6.20	0.62
Eckart	6.30	0.63
Eckartdal	-	-
Elkenburg	7.80	0.78
Eindhoven Airport	-	-
Elasterein, Vanderkwartier	6.70	0.67
Elzent-Noord	6.60	0.66
Elzent-Zuid	6.60	0.66
Engelsbergen	6.70	0.67
Esp	-	-
Fellenoord	-	-
Flight Forum	-	-
Genderbeemd	6.50	0.65
Genderdal	5.60	0.56
Generalenbuurt	5.60	0.56
Gennep	-	-
Gennepzijdje	6.60	0.66
Gerardusplein	7.20	0.72
Gijzenrooi	6.90	0.69
Gildebuurt	5.00	0.50
Grasrijk	6.10	0.61
Hagenkamp	6.80	0.68
Hanevoet	6.40	0.64
Heesterakker	6.70	0.67
Hemelrijken	5.00	0.50
Herdgang	-	-
Het Ven	6.50	0.65
Hondsheuvels	-	-
Hurk	-	-
Irisbuurt	6.30	0.63
Jagershoef	5.20	0.52
Joriskwartier	6.30	0.63
Kapelbeemd	-	-
Karpen	6.80	0.68
Kerkdorp Acht	6.80	0.68
Kerstroosplein	6.30	0.63
Koudenhoven	6.80	0.68
Kronehoef	5.10	0.51
Kruidenbuurt	6.00	0.60
Lakerloopen	5.50	0.55
Leenderheide	-	-
Lievendaal	5.60	0.56
Limbeek-Noord	4.50	0.45
Limbeek-Zuid	4.50	0.45
Loolakkers	6.30	0.63
Luytelaer	6.30	0.63
Meerbos	-	-
Meerrijk	5.90	0.59
Mensfort	5.30	0.53
Mispelhoef	-	-
Muschberg, Geestenberg	6.10	0.61
Nieuwe Erven	6.30	0.63
Ooievaarsnest	6.40	0.64
Oude Gracht-Oost	6.70	0.67
Oude Gracht-West	6.70	0.67
Oude Spoorbaan	6.80	0.68
Oude Toreen	5.70	0.57
Park Forum	-	-
Phillipsdorp	6.00	0.60
Poelijers	-	-
Prinsejagt	6.20	0.62
Puttense Dreef	6.90	0.69
Rapelenburg	5.70	0.57
Rapenland	5.30	0.53
Riel	-	-
Rochusbuurt	6.30	0.63
Roosten	7.80	0.78
Schoot	6.50	0.65
Schouwbroek	6.00	0.60
Schrijversbuurt	6.80	0.68
Schuttersbosch	6.90	0.69
Sintenbuurt	6.00	0.60
Sportpark Aalsterweg	-	-
Strijp S	6.20	0.62
't Hofke	6.10	0.61
't Hool	5.80	0.58
Tempel	5.90	0.59
Tivoli	6.00	0.60
Tongelresche Akkers	5.60	0.56
Tuindorp	6.30	0.63
TU-terrein	-	-
Urkhoven	-	-
Vaartbroek	5.60	0.56
Villapark	6.80	0.68
Vlokhoven	5.20	0.52
Vredeoord	-	-
Waterrijk	5.90	0.59
Wielewaaal	-	-
Winkelcentrum	5.80	0.58
Witte Dame	5.50	0.55
Woenselse Heide	5.80	0.58
Woenselse Watermolen	5.70	0.57
Woensel-West	6.20	0.62
Zandrijk	6.10	0.61
Zwaanstraat	6.40	0.64

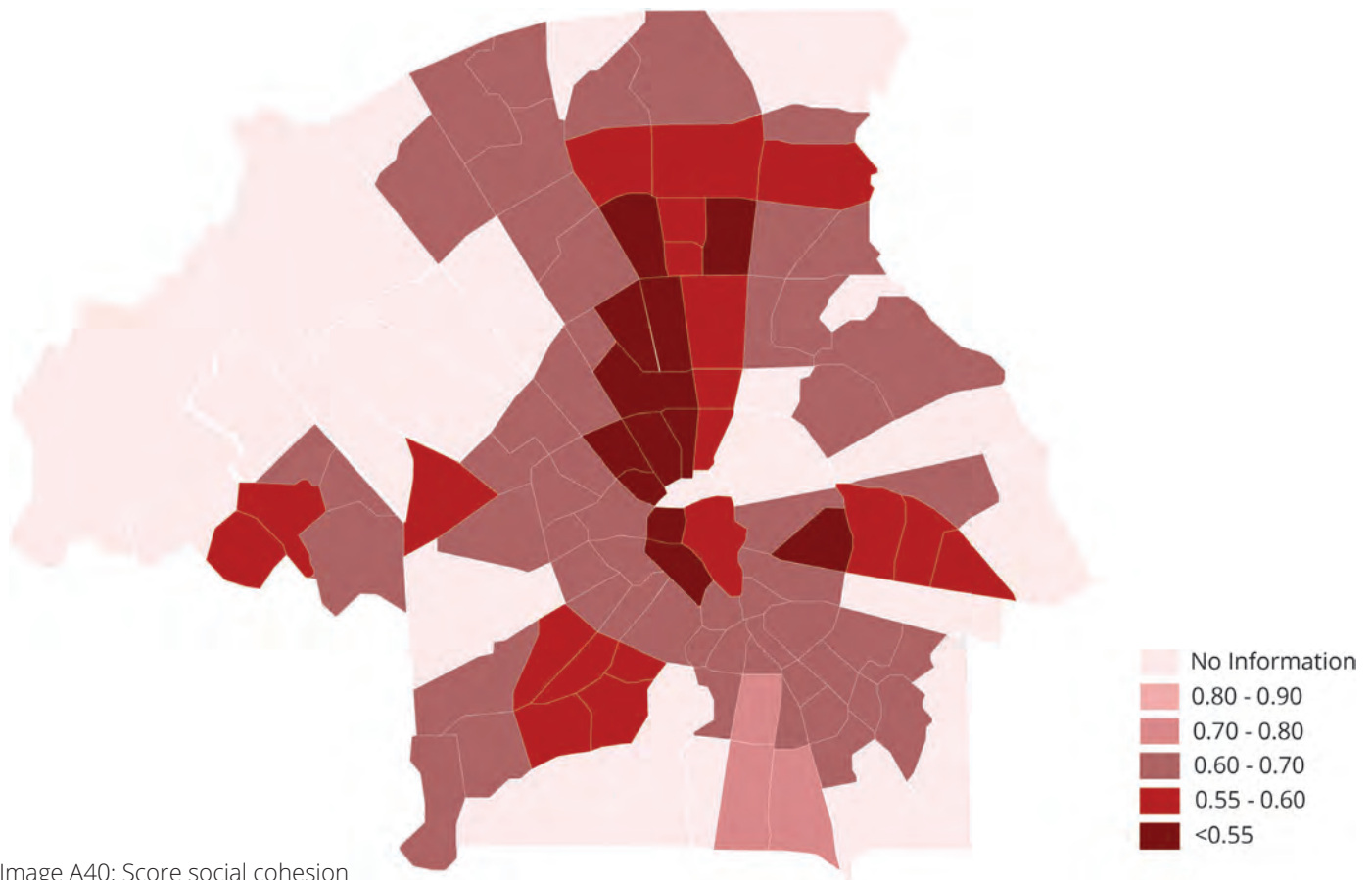


Image A40: Score social cohesion

# Services

Table A39: Scoring services

	Supermarkt	Hospital	Medical Services	Trainstation	Park	Score
Achtse Barrier-Gunterslaer	0.75	0.5	0.5	0	1	0.55
Achtse Barrier-Hoeven	1	0	0.25	0	1	0.45
Achtse Barrier-Spaalhoef	0.75	0	0.25	0	1	0.40
Barrier	0.75	1	1	1	1	0.95
BeA2	-	-	-	-	-	-
Beemden	-	-	-	-	-	0.00
Bennekel-Oost	1	0	0.25	0	1	0.45
Bennekel-West, Gagelbosch	0.75	0.254	0.5	0	1	0.50
Bergen	1	0.5	0.25	1	0.75	0.70
Binnenstad	1	0.75	0.25	1	1	0.80
Blaarthem	1	0	0.25	0	0.75	0.40
Bilxembosch-Oost	1	0.25	0.5	0	1	0.55
Bilxembosch-West	0.75	0.5	0.5	0	1	0.55
Bloemenplein	1	0	0	0.75	1	0.55
Bokt	-	-	-	-	-	-
Bosrijk	0.75	0	0	0	1	0.35
Burghplan	1	0	0	0.25	1	0.45
Castiljelaan	-	-	-	-	-	-
Doornakkers-Oost	0.75	0.5	0	0.5	0.75	0.50
Doornakkers-West	1	0.75	0	0.75	0.75	0.65
Drenth Dorp	0.75	0.25	0.25	1	1	0.65
Driehoeksbos	0.5	0.75	0.75	0.5	1	0.70
Eckart	1	0.75	0.75	0	1	0.70
Eckardal	-	-	-	-	-	-
Eikenburg	0.75	0	0	0	1	0.35
Eindhoven Airport	-	-	-	-	-	-
Elaisterrein, Vonderkwartier	1	0.25	0.25	0.75	1	0.65
Elzent-Noord	1	0.25	0.25	1	1	0.70
Elzent-Zuid	0.75	0	0	0.75	1	0.50
Engelsbergen	1	0	0.25	0.75	1	0.60
Esp	-	-	-	-	-	-
Fallanoord	1	1	0.5	1	-	0.70
Flight Forum	-	-	-	-	-	-
Genderbeemd	0.75	0.5	0.5	0	1	0.55
Genderdal	1	0	0.25	0	1	0.45
Generalenbuurt	1	1	1	0.5	1	0.90
Gennep	-	-	-	-	-	-
Gennepzijdje	1	0	0	0.25	1	0.45
Gerardusplein	1	0	0	0.25	1	0.45
Glijzenoof	0.75	0	0	0	1	0.35
Gildebuurt	1	1	0.75	1	0.75	0.90
Grasrijk	0.5	0	0	0	1	0.30
Hagenkamp	0.75	0	0.25	0.5	1	0.50
Hanevoet	1	0.75	0.75	0	1	0.70
Heesterakker	0.75	0	0	0	1	0.35
Hemelrijken	1	1	0.75	1	0.75	0.90
Herdgang	-	-	-	-	-	-
Hot Ven	1	0	0.25	0.75	1	0.60
Hondsheuvels	-	-	-	-	-	-
Hurk	-	-	-	-	-	-
Irisbuurt	1	0.25	0.25	1	1	0.70
Jagershoef	1	1	0.75	0.25	1	0.80
Joriskwartier	0.75	0	0	0.75	0.75	0.45
Kapelbeemd	-	-	-	-	-	-
Karpen	0.5	1	0.25	0.25	1	0.60
Kerkdorp Acht	0.5	0	0.25	0	1	0.35
Kerstroosplein	1	0	0	0.25	1	0.45
Koudenhoven	0.5	0.75	0	0	1	0.45
Kronehoef	1	1	1	1	1	1.00
Kruidenbuurt	1	0	0	0.25	1	0.45
Lakerloopen	1	0.75	0.25	1	0.75	0.75
Leenderheide	-	-	-	-	-	-
Lievendaal	0.75	0	0.25	0.75	1	0.55
Limbeek-Noord	1	1	0.75	1	1	0.95

Limbeek-Zuid	1	0.75	0.5	1	0.75	0.80
Loosdrecht	1	0	0	0.75	1	0.55
Luytelare	0.75	0.75	0.5	0	1	0.60
Meerbos	-	-	-	-	-	-
Meerwijk	1	0	1	0	1	0.60
Mensfort	1	1	1	1	1	1.00
Mispelhof	-	-	-	-	-	-
Muschberg, Geestenberg	0.75	0.25	0	0.25	0.75	0.40
Nieuwe Erven	1	0	0	0.5	0.75	0.45
Ooievaarsnest	0.75	1	0.75	0	0.75	0.65
Oude Gracht-Oost	0.75	1	0.5	0	1	0.65
Oude Gracht-West	1	1	0.75	0.25	1	0.80
Oude Spoorbaan	1	0	0.25	0.5	1	0.55
Oude Toren	1	1	0.75	0.75	1	0.90
Park Forum	-	-	-	-	-	-
Philipsdorp	1	0.5	0.5	1	0.75	0.75
Poelijers	-	-	-	-	-	-
Prinsjagt	0.75	1	0.75	0.75	1	0.85
Puttense Dreef	0.75	0	0	0.25	1	0.40
Rapenburg	1	0	0.25	0.25	1	0.50
Rapenland	1	1	1	1	0.75	0.95
Riel	-	-	-	-	-	-
Rochusbuurt	1	0.25	0.25	1	1	0.70
Roosten	0.75	0	0	0	1	0.35
Schoot	1	0.25	0.5	1	0.75	0.70
Schouwbroek	1	0	0.25	0.75	1	0.60
Schrijversbuurt	1	0	0.25	0.75	1	0.60
Schuttersbosch	0.75	0	0	0	1	0.35
Sintenburg	1	0	0	0.5	1	0.50
Sportpark Aalsterweg	-	-	-	-	-	-
Strijp S	1	0.5	0.5	1	0.75	0.75
't Hofke	1	0.5	0	0.25	0.75	0.50
't Hooft	0.75	1	0.75	0	1	0.70
Tempel	1	0.75	0.75	0	1	0.70
Tivoli	1	0	0	0	1	0.40
Tongelresche Akkers	0.75	0.25	0.25	0.25	0.75	0.45
Tuindorp	1	0	0	0.75	1	0.55
TU-terrein	-	-	-	-	-	-
Urkhoven	-	-	-	-	-	-
Vaartbroek	1	0.25	0.25	0	1	0.50
Villapark	1	0.75	0.25	1	0.75	0.75
Vlokhoven	1	1	0.75	0	1	0.75
Vredeoord	-	-	-	-	-	-
Waterrijk	0.25	0	0	0	1	0.25
Wielewaal	-	-	-	-	-	-
Winkelcentrum	1	1	1	0.25	0.75	0.80
Witte Dame	1	0.75	0.25	1	0.75	0.75
Woenselse Heide	1	1	0.5	0	1	0.70
Woenselse Watermolen	1	1	0.5	1	1	0.90
Woensel-West	1	1	0.75	1	1	0.75
Zandrijk	0.75	0	0	0	1	0.35
Zwaanstraat	1	0.25	0.25	1	1	0.70

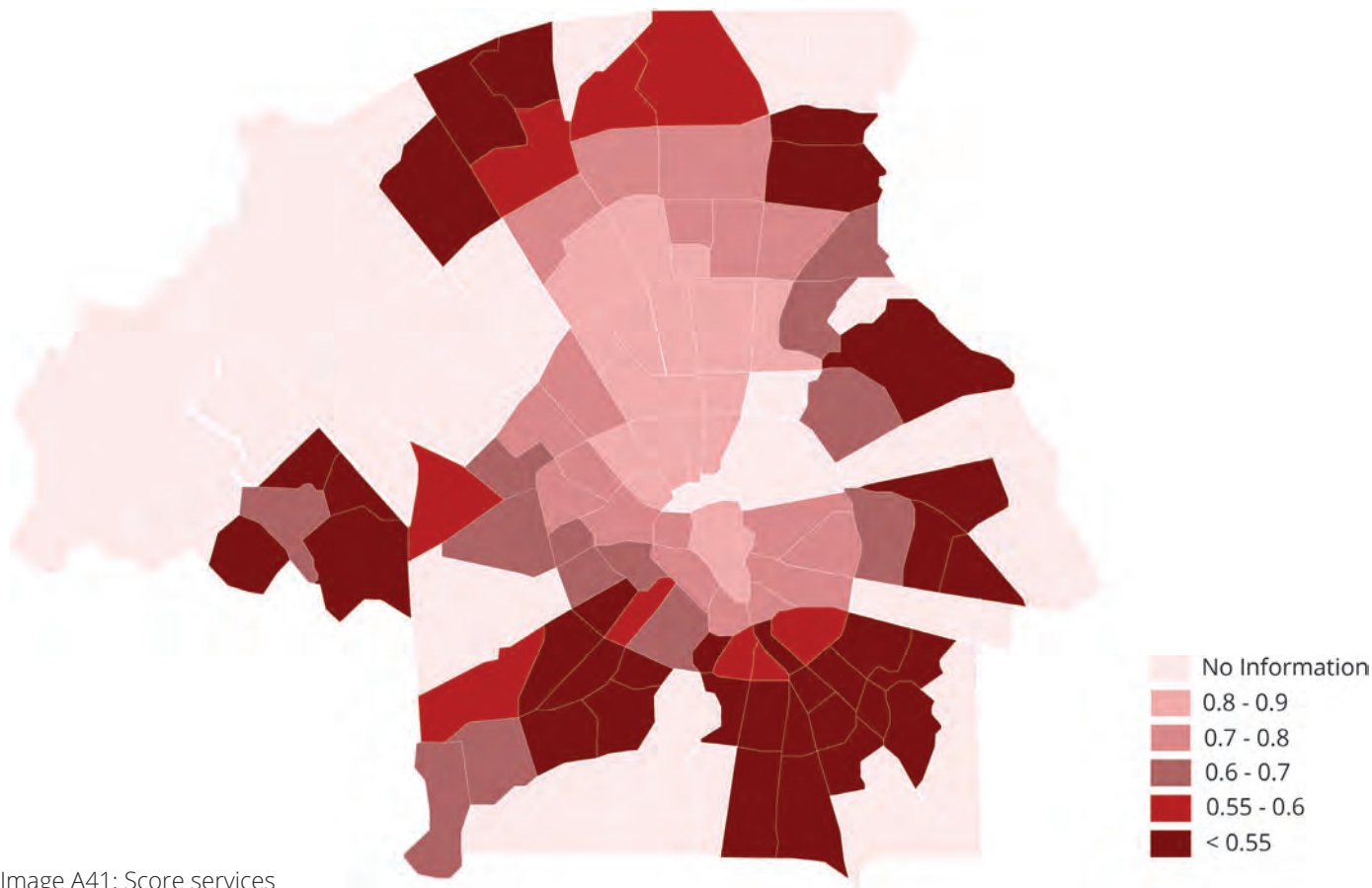


Image A41: Score services

# Distance to Daily Groceries

Table A40: Scoring distance to daily groceries

	Distance to large supermarket (km)	Distance to diverse daily groceries (km)	Average Distacne (km)	Score
Achtse Barrier-Guntherslaer	0.5	1.3	0.9	0.75
Achtse Barrier-Hoeven	0.6	0.6	0.6	1.00
Achtse Barrier-Spaalhoef	0.8	0.8	0.8	0.75
Barrier	0.5	0.9	0.7	0.75
BeA2	-	-	-	-
Beemden	-	-	-	-
Bennekel-Oost	0.4	0.4	0.4	1.00
Bennekel-West, Gagelbosch	0.8	0.7	0.75	0.75
Bergen	0.6	0.2	0.4	1.00
Binnenstad	0.3	0.2	0.25	1.00
Blaarthem	0.5	0.3	0.4	1.00
Blixembosch-Oost	0.6	0.6	0.6	1.00
Blixembosch-West	0.9	0.7	0.8	0.75
Bloemenplein	0.2	0.2	0.2	1.00
Bokt	-	-	-	-
Bosrijk	1	1.2	1.1	0.75
Burghplan	0.4	0.7	0.55	1.00
Castiljelaan	-	-	-	-
Doornakkers-Oost	0.8	0.7	0.75	0.75
Doornakkers-West	0.6	0.2	0.4	1.00
Drents Dorp	0.8	0.8	0.8	0.75
Driehoeksbos	1.3	1.3	1.3	0.50
Eckart	0.4	0.8	0.6	1.00
Eckartdal	-	-	-	-
Eikenburg	0.9	0.6	0.75	0.75
Eindhoven Airport	-	-	-	-
Elasterrain, Vonderkwartier	0.6	0.5	0.55	1.00
Elzent-Noord	0.3	0.5	0.4	1.00
Elzent-Zuid	0.8	0.8	0.8	0.75
Engelsbergen	0.5	0.4	0.45	1.00
Esp	-	-	-	-
Fellenoord	-	-	-	-
Flight Forum	-	-	-	-
Genderbeemd	0.8	0.8	0.8	0.75
Genderdal	0.9	0.3	0.6	1.00
Generalenbuurt	0.6	0.6	0.6	1.00
Gennep	-	-	-	-
Gennepzijdje	0.5	0.7	0.6	1.00
Gerardusplein	0.4	0.3	0.35	1.00
Gijzenrooi	1.2	0.7	0.95	0.75
Gildebuurt	0.2	0.2	0.2	1.00
Grasrijk	0.9	1.4	1.15	0.50
Hagenkamp	0.7	0.7	0.7	0.75
Hanevoet	0.6	0.6	0.6	1.00
Heesterakker	1	1.1	1.05	0.75
Hemelrijken	0.2	0.2	0.2	1.00
Herdgang	-	-	-	-
Het Ven	0.7	0.3	0.5	1.00
Hondsheuvels	-	-	-	-
Hurk	-	-	-	-
Irisbuurt	0.3	0.4	0.35	1.00
Jagershoef	0.7	0.4	0.55	1.00
Joriskwartier	0.3	0.2	0.25	0.75
Kapelbeemd	-	-	-	-
Karpen	1.1	1.2	1.15	0.50
Kerkdorp Acht	2.2	0.6	1.4	0.50
Kerstroosplein	0.3	0.3	0.3	1.00
Koudenhoven	1.2	1.3	1.25	0.50
Kronehoef	0.6	0.4	0.5	1.00
Kruidenbuurt	0.6	0.4	0.5	1.00
Lakerloopen	0.4	0.2	0.3	1.00
Leenderheide	-	-	-	-
Lievendaal	0.4	1	0.7	0.75
Limbeek-Noord	0.3	0.4	0.35	1.00
Limbeek-Zuid	0.7	0.5	0.6	1.00
Looiakkers	0.2	0.2	0.2	1.00
Luytelaer	0.8	1.4	1.1	0.75
Meerbos	-	-	-	-
Meerrijk	0	0	0	1.00
Mensfort	0.3	0.7	0.5	1.00
Mispelhoef	-	-	-	-
Muschberg, Geestenberg	0.6	0.7	0.65	0.75
Nieuwe Erven	0.3	0.2	0.25	1.00
Ooievaarsnest	1	1	1	0.75
Oude Gracht-Oost	1	0.7	0.85	0.75
Oude Gracht-West	0.5	0.3	0.4	1.00
Oude Spoorbaan	0.3	0.3	0.3	1.00
Oude Toreen	0.5	0.6	0.55	1.00
Park Forum	-	-	-	-
Philipsdorp	0.4	0.5	0.45	1.00
Poeijers	-	-	-	-
Prinsejagt	0.6	0.7	0.65	0.75
Puttense Dreef	0.6	0.9	0.75	0.75
Rapelenburg	0.3	0.3	0.3	1.00
Rapenland	0.4	0.4	0.4	1.00
Riel	-	-	-	-
Rochusbuurt	0.2	0.2	0.2	1.00
Roosten	1	0.6	0.8	0.75
Schoot	0.4	0.4	0.4	1.00
Schouwbroek	0.3	0.3	0.3	1.00
Schrijversbuurt	0.5	0.3	0.4	1.00
Schuttersbosch	1.1	0.7	0.9	0.75
Sintebuurt	0.5	0.3	0.4	1.00
Sportpark Aalsterweg	-	-	-	-
Strijp S	0.4	0.3	0.35	1.00
't Hofke	0.6	0.4	0.5	1.00
't Hool	1.1	0.7	0.9	0.75
Tempel	0.5	0.5	0.5	1.00
Tivoli	0.8	0.3	0.55	1.00
Tongelresche Akkers	0.5	1.3	0.9	0.75
Tuindorp	0.5	0.4	0.45	1.00
TU-terrein	-	-	-	-
Urkhoven	-	-	-	-
Vaartbroek	0.5	0.6	0.55	1.00
Villapark	0.6	0.4	0.5	1.00
Vlokhoven	0.8	0.4	0.6	1.00
Vredeoord	-	-	-	-
Waterrijk	1.8	1.9	1.85	0.25
Wielewaal	-	-	-	-
Winkelcentrum	0.4	0.3	0.35	1.00
Witte Dame	0.3	0.3	0.3	1.00
Woenselse Heide	0.5	0.6	0.55	1.00
Woenselse Watermolen	0.5	0.5	0.5	1.00
Woensel-West	0.7	0.3	0.5	1.00
Zandrijk	0.7	0.8	0.75	0.75
Zwaanstraat	0.9	0.9	0.9	1.00

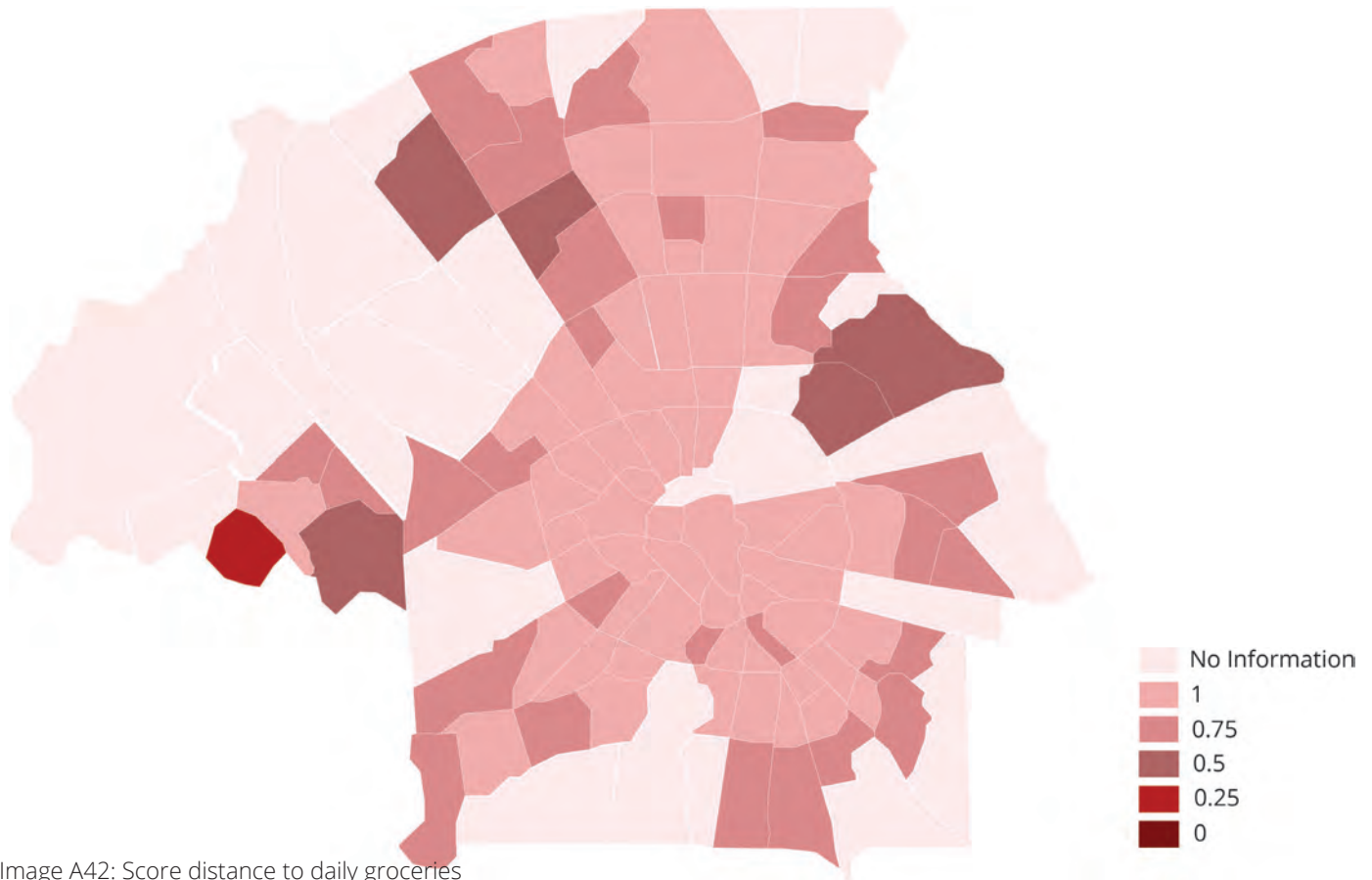


Image A42: Score distance to daily groceries

# Distance to Medical Services

Table A41: Scoring distance to medical services

	Distance to general practice center (km)	Distance to general practice (km)	Average distance (km)	Score
Achtse Barrier-Gunterslaer	3.1	0.5	1.8	0.50
Achtse Barrier-Hoeven	3.8	1.1	2.45	0.25
Achtse Barrier-Spaalhoef	4	0.6	2.3	0.25
Barrier	1.3	0.6	0.95	1.00
BeA2	-	-	-	-
Beemden	-	-	-	-
Bennekel-Oost	3.7	0.4	2.05	0.25
Bennekel-West, Gagelbosch	3.1	0.5	1.8	0.50
Bergen	3.7	0.4	2.05	0.25
Binnenstad	3.5	0.8	2.15	0.25
Blaarthem	3.5	0.6	2.05	0.25
Blixembosch-Oost	3.6	0.4	2	0.50
Blixembosch-West	3.1	0.9	2	0.50
Bloemenplein	4.9	0.6	2.75	0.00
Bokt	-	-	-	-
Boerijk	5.6	2.7	4.15	0.00
Burghplan	4.4	0.8	2.6	0.00
Castillelaan	-	-	-	-
Doornakkers-Oost	4.8	0.5	2.65	0.00
Doornakkers-West	4.6	0.7	2.65	0.00
Drents Dorp	3.4	0.7	2.05	0.25
Drieboeksbos	2.3	0.7	1.5	0.75
Eckart	2.4	0.5	1.45	0.75
Eckartdal	-	-	-	-
Eikenburg	5.4	1.1	3.25	0.00
Eindhoven Airport	-	-	-	-
Elasterrrein, Vanderkwartier	3.9	0.7	2.3	0.25
Elzent-Noord	4.3	0.3	2.3	0.25
Elzent-Zuid	4.9	0.8	2.85	0.00
Engelsbergen	4.2	0.7	2.45	0.25
Esp	-	-	-	-
Fallenoord	-	-	-	-
Flight Forum	-	-	-	-
Genderbeemd	2.7	1.1	1.9	0.50
Genderdal	3.5	0.9	2.2	0.25
Generalenbuurt	1	0.7	0.85	1.00
Gennep	-	-	-	-
Gennepzijdje	5.1	0.5	2.8	0.00
Gerardusplein	5.4	0.5	2.95	0.00
Gijzenrooi	5.4	1.2	3.3	0.00
Gildebuurt	2	0.8	1.4	0.75
Grasrijk	4.7	2.1	3.4	0.00
Hagenkamp	4.4	0.3	2.35	0.25
Hanevoet	2	0.7	1.35	0.75
Heesterakker	3.9	1.4	2.65	0.00
Hemelrijken	2.2	0.6	1.4	0.75
Herdgang	-	-	-	-
Het Ven	4.3	0.8	2.55	0.25
Hondsheuvels	-	-	-	-
Hurk	-	-	-	-
Irisbuurt	4.1	0.6	2.35	0.25
Jagershoef	1.4	0.9	1.15	0.75
Joriskwartier	4.8	0.7	2.75	0.00
Kapelbeemd	-	-	-	-
Karpen	3.6	1.3	2.45	0.25
Kerkdorp Acht	4.2	0.6	2.4	0.25
Kerstroosplein	5.7	0.9	3.3	0.00

Koudenhoven	4.1	1.5	2.8	0.00
Kronehoef	1.4	0.4	0.9	1.00
Kruidenbuurt	5.5	0.9	3.2	0.00
Lakerloper	4.4	0.5	2.45	0.25
Leenderheide	-	-	-	-
Lievendaal	4.3	0.8	2.55	0.25
Limbeek-Noord	2.2	0.6	1.4	0.75
Limbeek-Zuid	2.8	1.1	1.95	0.50
Looiakkers	4.8	0.5	2.65	0.00
Luytelaer	2.7	0.8	1.75	0.50
Meerbos	-	-	-	-
Meerijk	5.4	1.2	3.3	0.00
Mensfort	0.9	0.4	0.65	1.00
Mispelhoef	-	-	-	-
Muschberg, Geestenberg	4.6	0.8	2.7	0.00
Nieuwe Erven	5.4	0.6	3	0.00
Ooievaarsnest	1.4	1.2	1.3	0.75
Oude Gracht-Oost	2.4	1	1.7	0.50
Oude Gracht-West	1.9	0.6	1.25	0.75
Oude Spoorbaan	4.2	0.5	2.35	0.25
Oude Toren	1.7	0.6	1.15	0.75
Park Forum	-	-	-	-
Philipsdorp	3.3	0.5	1.9	0.50
Poeijers	-	-	-	-
Prinsejagt	1.4	0.8	1.1	0.75
Puttense Dreef	3.9	1.3	2.6	0.00
Rapenburg	4.2	0.5	2.35	0.25
Rapenland	0.6	0.5	0.55	1.00
Riel	-	-	-	-
Rochusbuurt	4.2	0.3	2.25	0.25
Roosten	6.1	1.6	3.85	0.00
Schoot	3.3	0.6	1.95	0.50
Schouwbroek	3.9	0.5	2.2	0.25
Schrijversbuurt	4.4	0.6	2.5	0.25
Schuttersbosch	5.7	1.3	3.5	0.00
Sintenbuurt	5.1	0.3	2.7	0.00
Sportpark Aalsterweg	-	-	-	-
Strijp S	2.8	0.4	1.6	0.50
't Hofke	4.8	0.8	2.8	0.00
't Hool	1.9	0.6	1.25	0.75
Tempel	2.6	0.5	1.55	0.75
Tivoli	5.1	0.8	2.95	0.00
Tongelresche Akkers	4.4	0.6	2.5	0.25
Tuindorp	4.8	0.7	2.75	0.00
TU-terrein	-	-	-	-
Urkhoven	-	-	-	-
Vaartbroek	3.3	0.9	2.1	0.25
Villapark	4.1	0.6	2.35	0.25
Vlokhoven	1.7	1	1.35	0.75
Vredeoord	-	-	-	-
Waterrijk	4.9	1.8	3.35	0.00
Wielewaal	-	-	-	-
Winkelcentrum	1.4	0.5	0.95	1.00
Witte Dame	3.4	0.9	2.15	0.25
Woenselse Heide	2.2	1.1	1.65	0.50
Woenselse Watermolen	2.1	1.2	1.65	0.50
Woensel-West	1.8	0.6	1.2	0.75
Zandrijck	5.7	1.8	3.75	0.00
Zwaanstraat	3.3	1.3	2.3	0.25

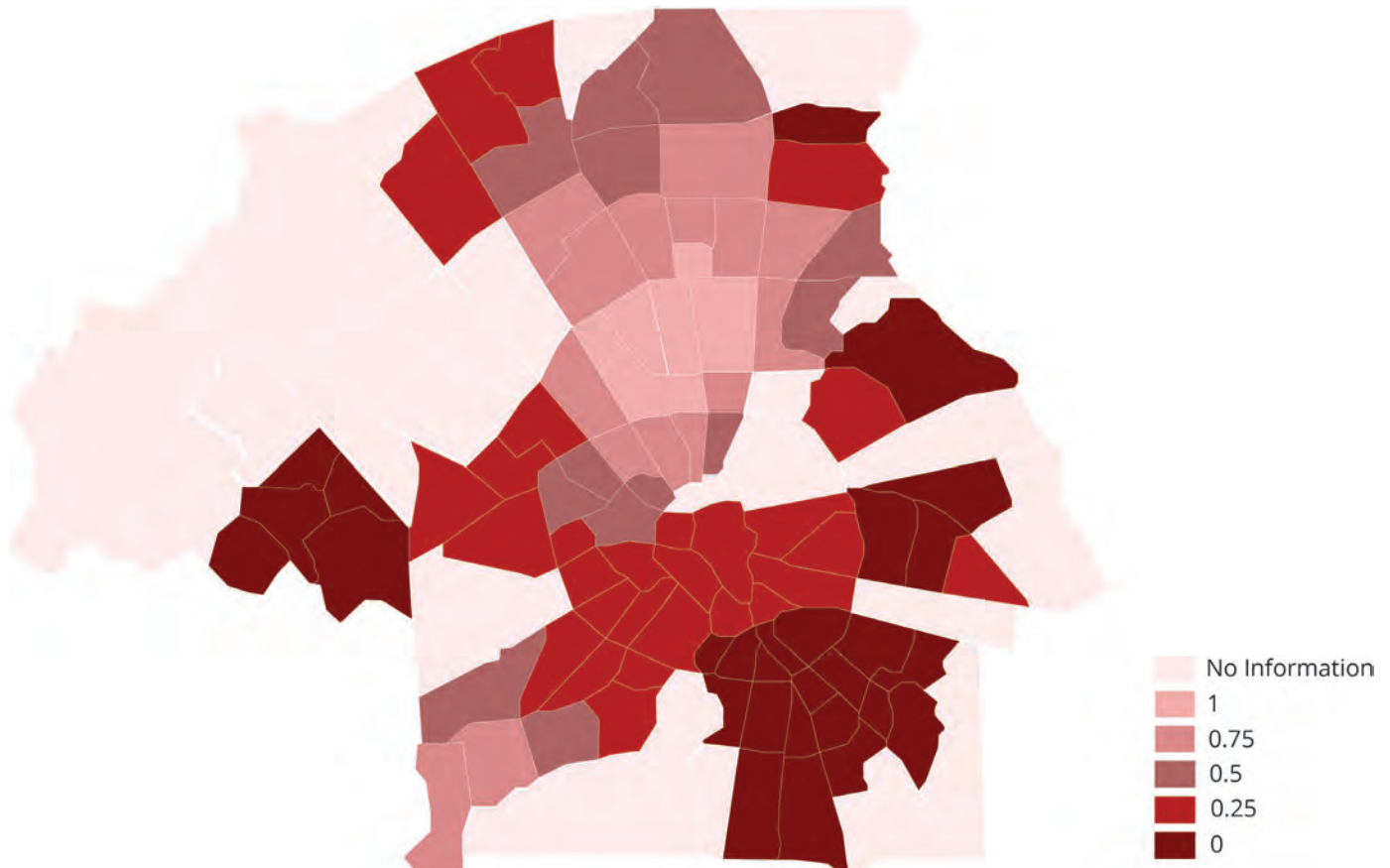


Image A43: Score distance to medical services

# Distance to Train station

Table A42: Scoring distance to train station

	Distance to trainstation (km)	Score			
Achtse Barrier-Gunterslaer	4.3	0.00	Kronehoef	1.3	1.00
Achtse Barrier-Hoeven	5.2	0.00	Kruidenbuurt	3.4	0.25
Achtse Barrier-Spaaihoef	4.6	0.00	Lakerloep	1.7	1.00
Barrier	1.3	1.00	Leenderheide	-	-
BeA2	-	-	Lievendaal	2.4	0.75
Beemden	-	-	Limbeek-Noord	0.8	1.00
Bennekel-Oost	3.8	0.00	Limbeek-Zuid	1.2	1.00
Bennekel-West, Gagelbosch	4.3	0.00	Looiakkers	2.2	0.75
Bergen	1.7	1.00	Luytelaer	4.6	0.00
Binnenstad	0.9	1.00	Meerbos	-	-
Blaarthem	3.6	0.00	Meerrijk	5.1	0.00
Blixembosch-Oost	5.5	0.00	Mensfort	1.6	1.00
Blixembosch-West	4.9	0.00	Mispelhoef	-	-
Bloemenplein	2.3	0.75	Muschberg, Geestenberg	3.1	0.25
Bokt	-	-	Nieuwe Erven	2.9	0.50
Boerijk	4.9	0.00	Ooievaarsnest	5.8	0.00
Burghplan	3	0.25	Oude Gracht-Oost	3.6	0.00
Castillelaan	-	-	Oude Gracht-West	3	0.25
Doornakkers-Oost	2.9	0.50	Oude Spoorbaan	2.5	0.50
Doornakkers-West	2.3	0.75	Oude Toren	2	0.75
Drents Dorp	1.5	1.00	Park Forum	-	-
Drieheeksbos	2.9	0.50	Philipsdorp	1.6	1.00
Eckart	4.3	0.00	Poeijers	-	-
Eckartdal	-	-	Prinsejagt	2.4	0.75
Eikenburg	3.7	0.00	Puttense Dreef	3.1	0.25
Eindhoven Airport	-	-	Rapenburg	3.2	0.25
Elasterrein, Vanderkwartier	2	0.75	Rapenland	1.9	1.00
Elizent-Noord	1.7	1.00	Riel	-	-
Elizent-Zuid	2.3	0.75	Rochusbuurt	1.5	1.00
Engelsbergen	2.3	0.75	Roosten	4.1	0.00
Esp	-	-	Schoot	1.4	1.00
Fallenoord	-	-	Schouwbroek	2	0.75
Flight Forum	-	-	Schrijversbuurt	2.3	0.75
Genderbeemd	4.6	0.00	Schuttersbosch	3.9	0.00
Genderdal	3.8	0.00	Sintenbuurt	2.9	0.50
Generalenbuurt	2.6	0.50	Sportpark Aalsterweg	-	-
Gennep	-	-	Strijp S	0.9	1.00
Gennepzijdje	3	0.25	't Hofke	3.3	0.25
Gerardusplein	3	0.25	't Hool	3.8	0.00
Gijzenrooi	3.9	0.00	Tempel	4.6	0.00
Gildebuurt	1.2	1.00	Tivoli	3.5	0.00
Grasrijk	4.4	0.00	Tongelresche Akkers	3.4	0.25
Hagenkamp	2.8	0.50	Tuindorp	2.2	0.75
Hanevoet	5.2	0.00	TU-terrein	-	-
Heesterakker	5.8	0.00	Urkhoven	-	-
Hemelrijken	1.1	1.00	Vaartbroek	5.2	0.00
Herdgang	-	-	Villapark	1.2	1.00
Het Van	2.4	0.75	Vlokhoven	3.6	0.00
Hondsheuvels	-	-	Vredeoord	-	-
Hurk	-	-	Waterrijk	5.7	0.00
Irisbuurt	1.5	1.00	Wielewaal	-	-
Jagershoef	3.2	0.25	Winkelcentrum	3.3	0.25
Joriskwartier	2.2	0.75	Witte Dame	1.4	1.00
Kapelbeemd	-	-	Woenseise Heide	4	0.00
Karpen	3.3	0.25	Woenseise Watermolen	1.3	1.00
Kerkdorp Acht	4.1	0.00	Woensel-West	0.5	1.00
Kerstroosplein	3.2	0.25	Zandrijk	5.5	0.00
Koudenhoven	3.9	0.00	Zwaanstraat	1.5	1.00

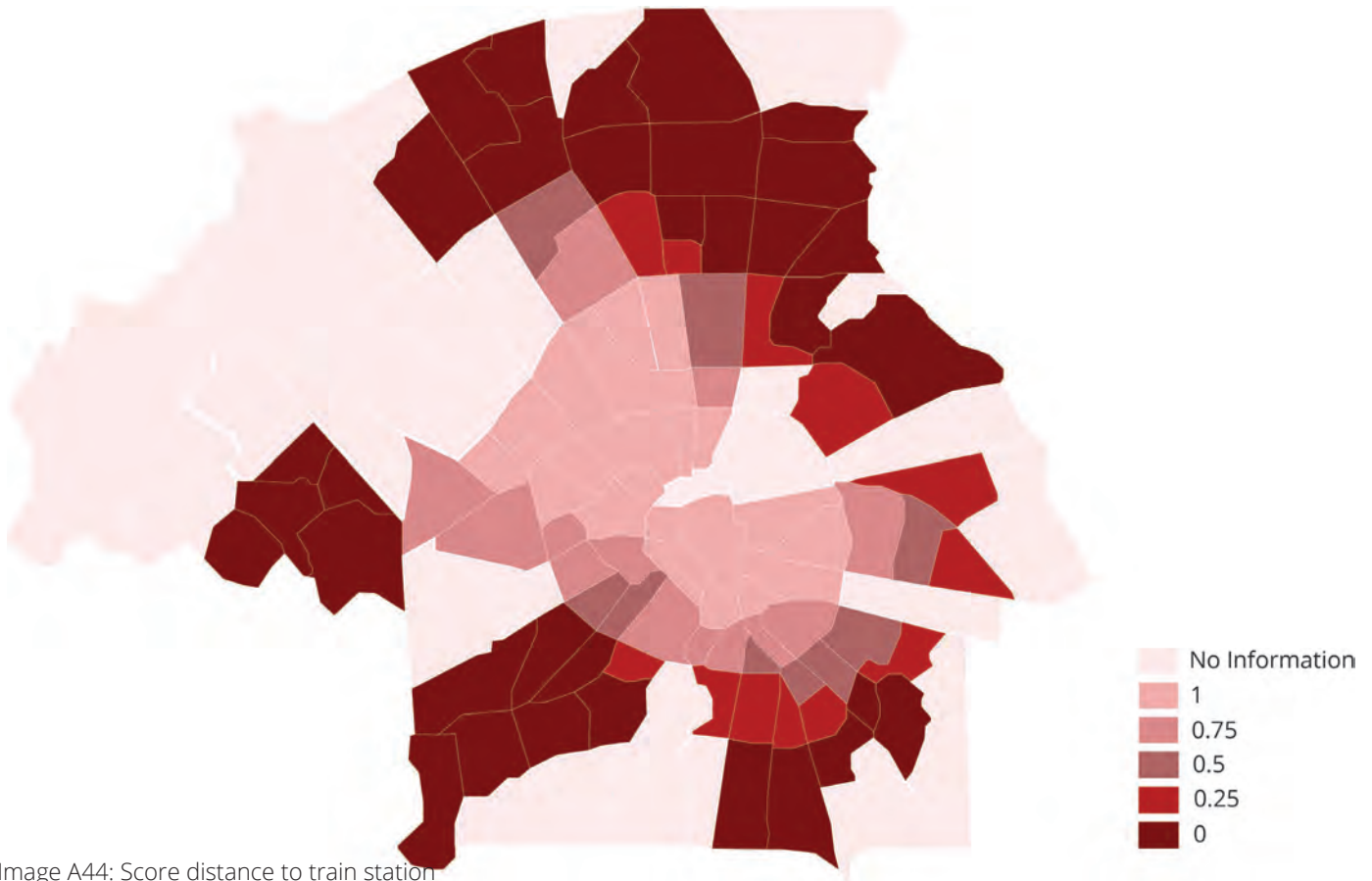


Image A44: Score distance to train station

# Distance to Hospital

Table A43: Scoring distance to hospital

	Distance to hospital	Score			
Achtse Barrier-Gunterslaer	3.1	0.50	Koudenhoven	2.4	0.75
Achtse Barrier-Hoeven	3.8	0.00	Kronehoef	1.4	1.00
Achtse Barrier-Spaaihoef	4	0.00	Kruidenbuurt	4.9	0.00
Barrier	1.3	1.00	Lakerloopen	2.5	0.75
BeA2	-	-	Leenderheide	-	-
Beemden	-	-	Lievendaal	4.3	0.00
Bennekel-Oost	4.2	0.00	Limbeek-Noord	2.2	1.00
Bennekel-West, Gagelbosch	3.6	0.25	Limbeek-Zuid	2.4	0.75
Bergen	3.1	0.50	Looiakkers	4.1	0.00
Binnenstad	2.7	0.75	Luytelaer	2.4	0.75
Blaarthem	3.9	0.00	Meerbos	-	-
Blixembosch-Oost	3.6	0.25	Meerrijk	5.3	0.00
Blixembosch-West	3.1	0.50	Mensfort	0.9	1.00
Bloemenplein	4.2	0.00	Mispelhoef	-	-
Bokt	-	-	Muschberg, Geestenberg	3.3	0.25
Bosrijk	5.6	0.00	Nieuwe Erven	4.4	0.00
Burghplan	3.8	0.00	Ooievaarsnest	2.1	1.00
Castiljelaan	4.2	0.00	Oude Gracht-Oost	1.4	1.00
Doornakkers-Oost	3.2	0.50	Oude Gracht-West	1	1.00
Doornakkers-West	2.5	0.75	Oude Spoorbaan	3.8	0.00
Drents Dorp	3.4	0.25	Oude Toren	1	1.00
Driehoeksbos	2.3	0.75	Park Forum	-	-
Eckart	2.3	0.75	Philipsdorp	3.1	0.50
Eckartdal	-	-	Poeijers	-	-
Eikenburg	5.6	0.00	Prinsejagt	1.4	1.00
Eindhoven Airport	-	-	Puttense Dreef	3.9	0.00
Eliasterrein, Vanderkwartier	3.3	0.25	Rapelenburg	4.4	0.00
Elizent-Noord	3.6	0.25	Rapenland	0.6	1.00
Elizent-Zuid	4.2	0.00	Riel	-	-
Engelsbergen	3.8	0.00	Rochusbuurt	3.4	0.25
Esp	-	-	Roosten	5.8	0.00
Fellenoord	-	-	Schoot	3.3	0.25
Flight Forum	-	-	Schouwbroek	3.8	0.00
Genderbeemd	3	0.50	Schrijversbuurt	3.8	0.00
Genderdal	3.9	0.00	Schuttersbosch	5.3	0.00
Generalenbuurt	0.9	1.00	Sintenbuurt	4.1	0.00
Gennep	-	-	Sportpark Aalsterweg	-	-
Gennepzijdje	4.9	0.00	Strijp S	2.8	0.50
Gerardusplein	4.8	0.00	't Hofke	2.9	0.50
Gijzenrooi	5.1	0.00	't Hool	1.9	1.00
Gildebuurt	1.6	1.00	Tempel	2.6	0.75
Grasrijk	4.7	0.00	Tivoli	4.7	0.00
Hagenkamp	4.1	0.00	Tongelresche Akkers	3.7	0.25
Hanevoet	2.6	0.75	Tuindorp	4	0.00
Heesterakker	3.9	0.00	TU-terrein	-	-
Hemelrijken	1.9	1.00	Urkhoven	-	-
Herdgang	-	-	Vaartbroek	3.3	0.25
Het Ven	4.3	0.00	Villapark	2.7	0.75
Hondsheuvels	-	-	Vlokhoven	1.7	1.00
Hurk	-	-	Vredeoord	-	-
Irisbuurt	3.3	0.25	Waterrijk	4.8	0.00
Jagershoef	1.4	1.00	Wielewaal	-	-
Joriskwartier	4.1	0.00	Winkelcentrum	1.4	1.00
Kapelbeemd	-	-	Witte Dame	2.7	0.75
Karpen	1.7	1.00	Woenselse Heide	2.2	1.00
Kerkdorp Acht	4.2	0.00	Woenselse Watermolen	1.6	1.00
Kerstroosplein	5	0.00	Woensel-West	1.8	1.00
			Zandrijk	5.7	0.00
			Zwaanstraat	3.3	0.25

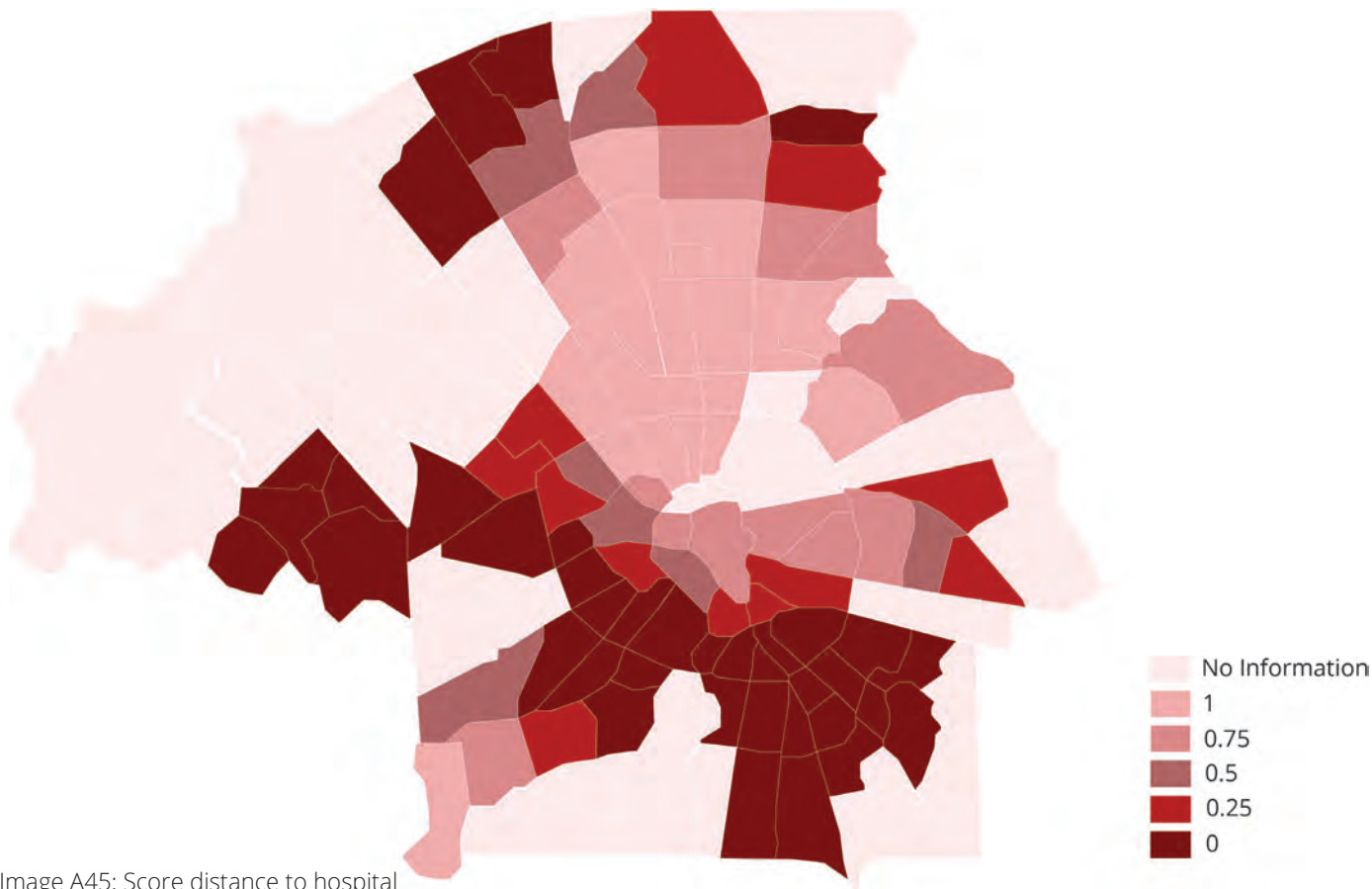


Image A45: Score distance to hospital

# Distance to Park

Table A44: Scoring distance to park

	Distance to Park (km)	Score
Achtse Barrier-Gunterslaer	0.4	1.00
Achtse Barrier-Hoeven	0.3	1.00
Achtse Barrier-Spaaihoef	0.4	1.00
Barrier	0.4	1.00
BeA2	-	-
Beemden	-	-
Bennekel-Oost	0.3	1.00
Bennekel-West, Gagelbosch	0.3	1.00
Bergen	0.6	0.75
Binnenstad	0.5	1.00
Blaarthem	0.6	0.75
Blixembosch-Oost	0.4	1.00
Blixembosch-West	0.2	1.00
Bloemenplein	0.5	1.00
Bokt	-	-
Bosrijk	0.3	1.00
Burghplan	0.2	1.00
Castillilaan	-	-
Doornakkers-Oost	0.9	0.75
Doornakkers-West	1	0.75
Drents Dorp	0.5	1.00
Driehoeksbos	0.2	1.00
Eckart	0.3	1.00
Eckardal	-	-
Eikenburg	0.5	1.00
Eindhoven Airport	-	-
Elaisterrein, Vonderkwartier	0.3	1.00
Elzent-Noord	0.5	1.00
Elzent-Zuid	0.1	1.00
Engelsbergen	0.2	1.00
Esp	-	-
Fellenoord	-	-
Flight Forum	-	-
Genderbeemd	0.2	1.00
Genderdal	0.2	1.00
Generalenbuurt	0.4	1.00
Gennepe	-	-
Genneperzijde	0.2	1.00
Gerardusplein	0.5	1.00
Gijzenrooi	0.3	1.00
Gildebuurt	0.6	0.75
Grasrijk	0.5	1.00
Hagenkamp	0.1	1.00
Hanevoet	0.4	1.00
Heesterakker	0.4	1.00
Hemelrijken	0.7	0.75
Herdgang	-	-
Het Ven	0.5	1.00
Hondsheuvels	-	-
Hurk	-	-
Irisbuurt	0.5	1.00
Jagershoef	0.3	1.00
Joriskwartier	0.6	0.75
Kapelbeemd	-	-
Karpen	0.1	1.00
Kerkdorp Acht	0.5	1.00
Kerstroosplein	0.4	1.00
Koudenhoven	0.3	1.00
Kronehoef	0.5	1.00
Kruidenbuurt	0.4	1.00
Lakerloopen	0.9	0.75
Leenderheide	-	-
Lievendaal	0.3	1.00
Limbeek-Noord	0.2	1.00
Limbeek-Zuid	0.6	0.75
Loolakkers	0.2	1.00
Luytelaer	0.2	1.00
Meerbos	-	-
Meerrijk	-	-
Mensfort	0.2	1.00
Mispelhoef	-	-
Muschberg, Geestenberg	0.7	0.75
Nieuwe Erven	0.6	0.75
Ooievaarsnest	0.7	0.75
Oude Gracht-Oost	0.2	1.00
Oude Gracht-West	0.2	1.00
Oude Spoorbaan	0.5	1.00
Oude Toren	0.5	1.00
Park Forum	-	-
Philipsdorp	0.6	0.75
Poeijers	-	-
Prinsejagt	0.2	1.00
Puttense Dreef	0.4	1.00
Rapenburg	0.3	1.00
Rapenland	0.6	0.75
Riel	-	-
Rochusbuurt	0.5	1.00
Roosten	0.1	1.00
Schoot	0.7	0.75
Schouwbroek	0.5	1.00
Schrijversbuurt	0.3	1.00
Schuttersbosch	0.2	1.00
Sintenbuurt	0.5	1.00
Sportpark Aalsterweg	-	-
Strijp S	0.7	0.75
't Hofke	0.8	0.75
't Hool	0.4	1.00
Tempel	0.3	1.00
Tivoli	0.3	1.00
Tongelresche Akkers	0.8	0.75
Tuindorp	0.4	1.00
TU-terrein	-	-
Urkhoven	-	-
Vaartbroek	0.3	1.00
Villapark	0.8	0.75
Vlokhoven	0.4	1.00
Vredeoord	-	-
Waterrijk	0.4	1.00
Wielewaal	-	-
Winkelcentrum	0.6	0.75
Witte Dame	0.8	0.75
Woenselse Heide	0.2	1.00
Woenselse Watermolen	0.4	1.00
Woensel-West	-	-
Zandrijk	0.4	1.00
Zwaanstraat	0.1	1.00

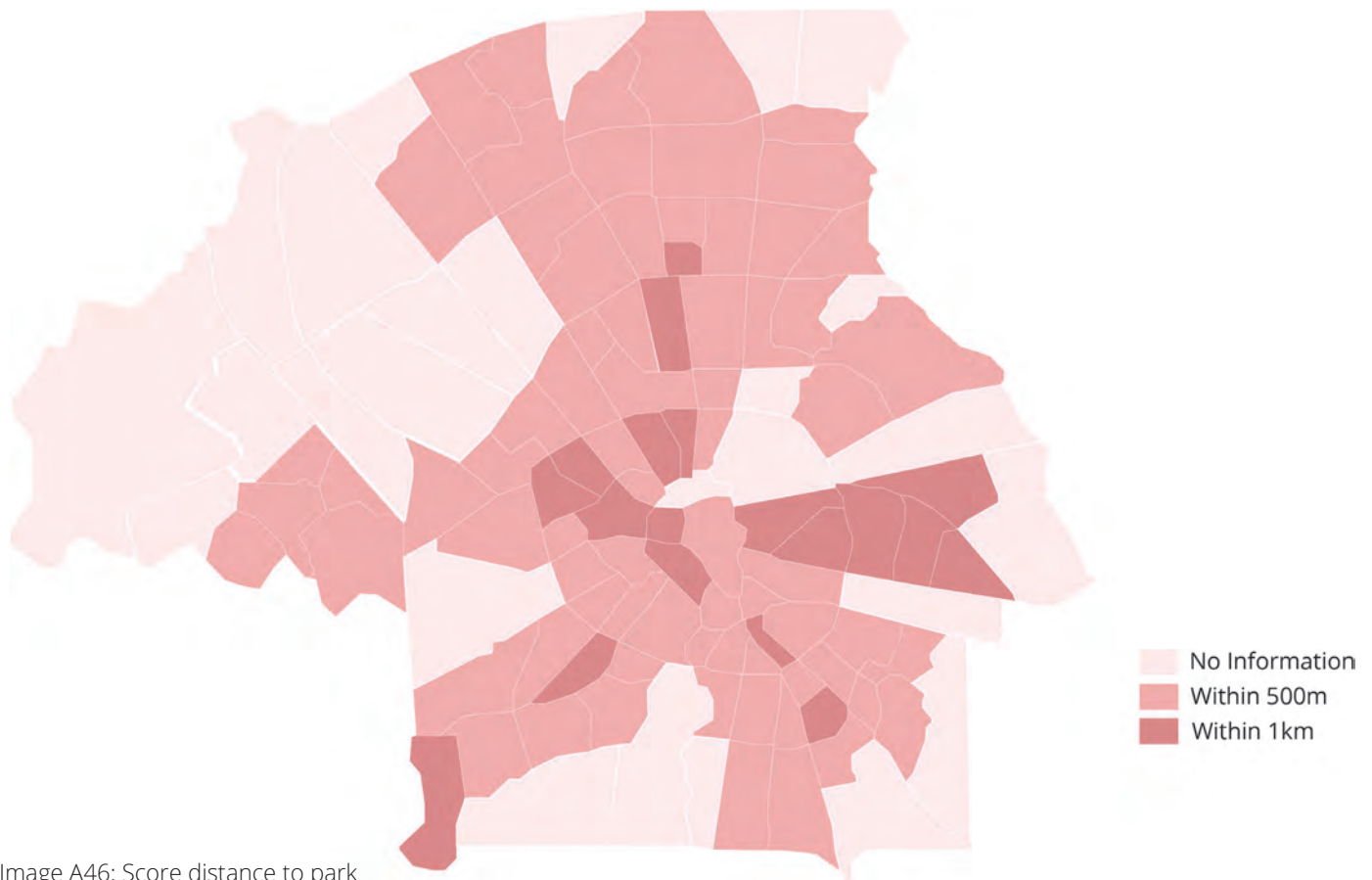


Image A46: Score distance to park



