

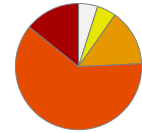
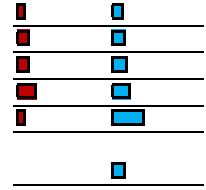
Population	1,059,873 inhabitants
Area	216 km <sup>2</sup>
Density	4,907 inh./km <sup>2</sup>
Weighted density	9,591 inh./km <sup>2</sup>
Median block size	6,386 m <sup>2</sup>

Average slope 0.92 degrees

Typology of public transport service frequencies

no access	4.9%
low	4.9%
medium	14.5%
high	61.5%
very high	14.2%
% of total pop.	

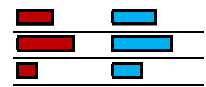
min-max scores  
city group average\*



Access to public transport

Population with public transport stop within 500 m walking (SDG 11.2.1)  
Population with high or very high frequency of departures nearby  
Median number of departures an hour nearby

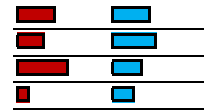
92.9% of total pop.  
75.7% of total pop.  
22.6 dep./hour



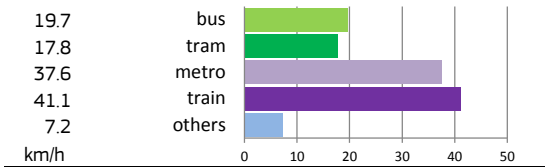
Public transport performance

Population accessible within 30 min./ population within 7.5 km x 100  
Population accessible within 45 min./ population within 11.25 km x 100  
Average straight-line speed of vehicle trips between 6:00 and 20:00  
Vehicle km travelled per inhabitant, between 6:00 and 20:00

27.8  
52.1  
21.3 km/h  
10.8 km/1000 inh.



Straight-line speed of vehicle trips by mode



Vehicle km travelled by mode, between 6:00 and 20:00

bus	61.0%
tram	19.0%
metro	6.0%
train	13.5%
others	0.4%
% of total vkm	



Active modes performance

Population accessible within 30 min. walking / population within 2.5 km x 100  
Population accessible within 30 min. cycling / population within 7.5 km x 100

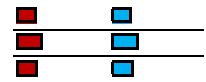
53.2  
59.5



Proximity of population

Population within 2.5 km radius  
Population within 7.5 km radius  
Population within 11.25 km radius

130,200 inhabitants  
581,777 inhabitants  
851,100 inhabitants



Accessibility by public transport combined with walking

Population accessible within 30 minutes  
Population accessible within 45 minutes

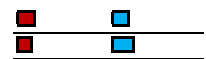
161,911 inhabitants  
443,298 inhabitants



Walking and cycling accessibility

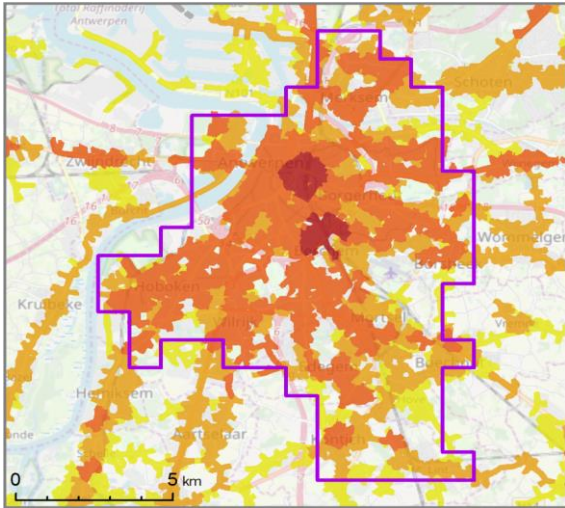
Population accessible within 30 minutes walking  
Population accessible within 30 minutes cycling

69,247 inhabitants  
346,443 inhabitants



\* group of 42 cities for which transport performance has been analysed

Source: REGIO-GIS, based on data from public transport operators, UIC, Eurostat, NSIs, Copernicus Urban Atlas, TomTom, OpenStreetMap



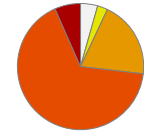
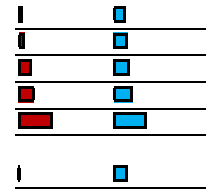
Population	553,789 inhabitants
Area	114 km <sup>2</sup>
Density	4,858 inh./km <sup>2</sup>
Weighted density	8,319 inh./km <sup>2</sup>
Median block size	13,487 m <sup>2</sup>

Average slope 1.05 degrees

Typology of public transport service frequencies

no access	4.4%
low	2.6%
medium	19.8%
high	66.6%
very high	6.6%
% of total pop.	

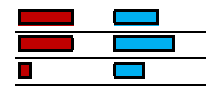
min-max scores  
city group average\*



Access to public transport

Population with public transport stop within 500 m walking (SDG 11.2.1)  
Population with high or very high frequency of departures nearby  
Median number of departures an hour nearby

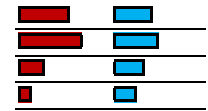
95.3% of total pop.  
73.2% of total pop.  
16.6 dep./hour



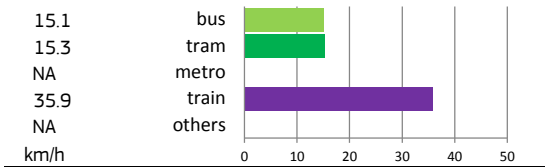
Public transport performance

Population accessible within 30 min./ population within 7.5 km x 100  
Population accessible within 45 min./ population within 11.25 km x 100  
Average straight-line speed of vehicle trips between 6:00 and 20:00  
Vehicle km travelled per inhabitant, between 6:00 and 20:00

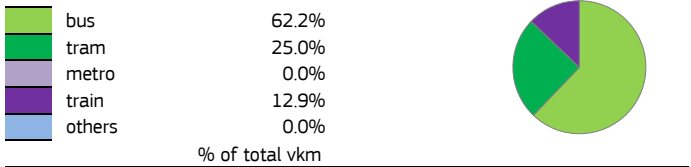
32.8  
79.1  
16.4 km/h  
10.7 km/1000 inh.



Straight-line speed of vehicle trips by mode



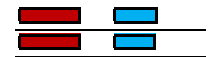
Vehicle km travelled by mode, between 6:00 and 20:00



Active modes performance

Population accessible within 30 min. walking / population within 2.5 km x 100  
Population accessible within 30 min. cycling / population within 7.5 km x 100

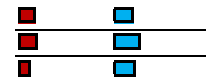
55.5  
86.8



Proximity of population

Population within 2.5 km radius  
Population within 7.5 km radius  
Population within 11.25 km radius

115,928 inhabitants  
452,743 inhabitants  
541,990 inhabitants



Accessibility by public transport combined with walking

Population accessible within 30 minutes  
Population accessible within 45 minutes

148,594 inhabitants  
428,813 inhabitants



Walking and cycling accessibility

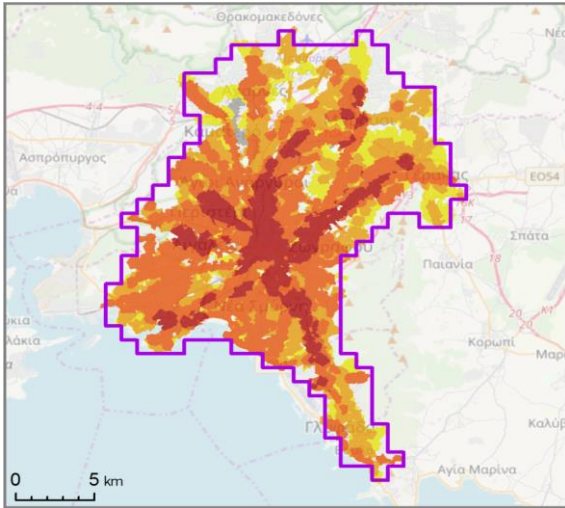
Population accessible within 30 minutes walking  
Population accessible within 30 minutes cycling

64,340 inhabitants  
393,037 inhabitants



\* group of 42 cities for which transport performance has been analysed

Source: REGIO-GIS, based on data from public transport operators, UIC, Eurostat, NSIs, Copernicus Urban Atlas, TomTom, OpenStreetMap



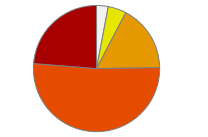
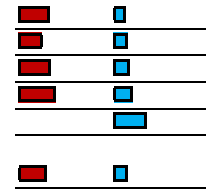
Population	3,232,150 inhabitants
Area	370 km <sup>2</sup>
Density	8,736 inh./km <sup>2</sup>
Weighted density	15,119 inh./km <sup>2</sup>
Median block size	3,802 m <sup>2</sup>

Average slope 3.99 degrees

Typology of public transport service frequencies

no access	3.0%
low	4.7%
medium	17.1%
high	51.5%
very high	23.7%
% of total pop.	

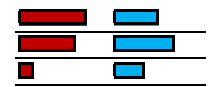
min-max scores  
city group average\*



Access to public transport

Population with public transport stop within 500 m walking (SDG 11.2.1)  
Population with high or very high frequency of departures nearby  
Median number of departures an hour nearby

97.0% of total pop.  
75.2% of total pop.  
18.0 dep./hour



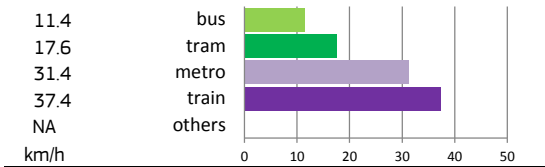
Public transport performance

Population accessible within 30 min./ population within 7.5 km x 100  
Population accessible within 45 min./ population within 11.25 km x 100  
Average straight-line speed of vehicle trips between 6:00 and 20:00  
Vehicle km travelled per inhabitant, between 6:00 and 20:00

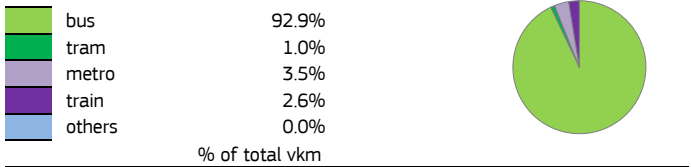
14.7  
31.1  
12.0 km/h  
6.0 km/1000 inh.



Straight-line speed of vehicle trips by mode



Vehicle km travelled by mode, between 6:00 and 20:00



Active modes performance

Population accessible within 30 min. walking / population within 2.5 km x 100  
Population accessible within 30 min. cycling / population within 7.5 km x 100

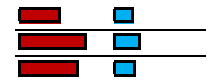
54.6  
77.1



Proximity of population

Population within 2.5 km radius  
Population within 7.5 km radius  
Population within 11.25 km radius

228,378 inhabitants  
1,358,348 inhabitants  
2,285,964 inhabitants



Accessibility by public transport combined with walking

Population accessible within 30 minutes  
Population accessible within 45 minutes

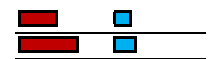
200,302 inhabitants  
711,541 inhabitants



Walking and cycling accessibility

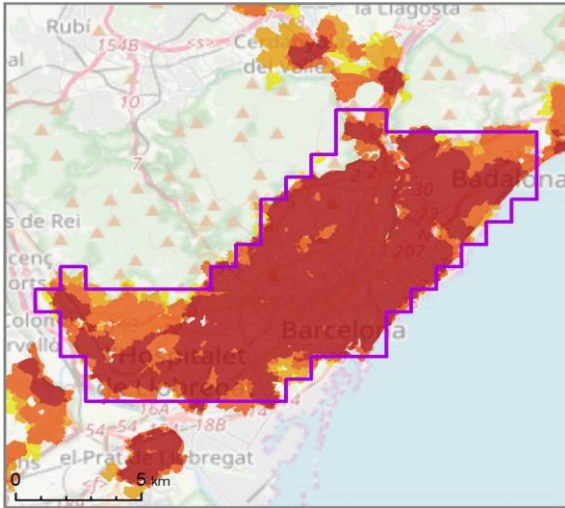
Population accessible within 30 minutes walking  
Population accessible within 30 minutes cycling

124,623 inhabitants  
1,046,750 inhabitants



\* group of 42 cities for which transport performance has been analysed

Source: REGIO-GIS, based on data from public transport operators, UIC, Eurostat, NSIs, Copernicus Urban Atlas, TomTom, OpenStreetMap



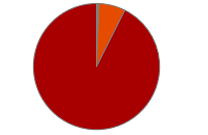
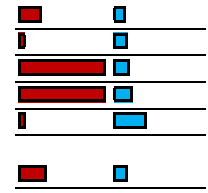
Population	2,460,611 inhabitants
Area	125 km <sup>2</sup>
Density	19,685 inh./km <sup>2</sup>
Weighted density	30,936 inh./km <sup>2</sup>
Median block size	5,829 m <sup>2</sup>

Average slope 4.05 degrees

Typology of public transport service frequencies

no access	0.2%
low	0.1%
medium	0.3%
high	6.8%
very high	92.6%
% of total pop.	

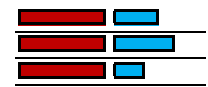
min-max scores  
city group average\*



Access to public transport

Population with public transport stop within 500 m walking (SDG 11.2.1)  
Population with high or very high frequency of departures nearby  
Median number of departures an hour nearby

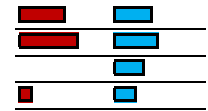
99.7% of total pop.  
99.4% of total pop.  
75.6 dep./hour



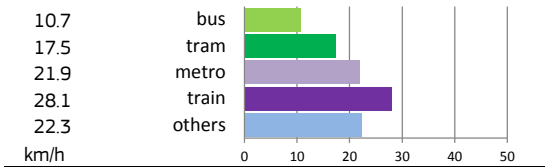
Public transport performance

Population accessible within 30 min./ population within 7.5 km x 100  
Population accessible within 45 min./ population within 11.25 km x 100  
Average straight-line speed of vehicle trips between 6:00 and 20:00  
Vehicle km travelled per inhabitant, between 6:00 and 20:00

31.1  
76.2  
11.4 km/h  
11.0 km/1000 inh.

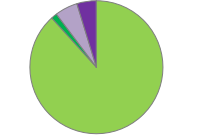


Straight-line speed of vehicle trips by mode



Vehicle km travelled by mode, between 6:00 and 20:00

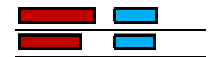
bus	88.3%
tram	1.4%
metro	5.5%
train	4.7%
others	0.0%
% of total vkm	



Active modes performance

Population accessible within 30 min. walking / population within 2.5 km x 100  
Population accessible within 30 min. cycling / population within 7.5 km x 100

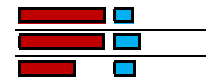
58.7  
87.6



Proximity of population

Population within 2.5 km radius  
Population within 7.5 km radius  
Population within 11.25 km radius

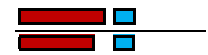
437,391 inhabitants  
1,685,194 inhabitants  
2,169,638 inhabitants



Accessibility by public transport combined with walking

Population accessible within 30 minutes  
Population accessible within 45 minutes

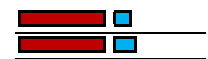
524,703 inhabitants  
1,652,805 inhabitants



Walking and cycling accessibility

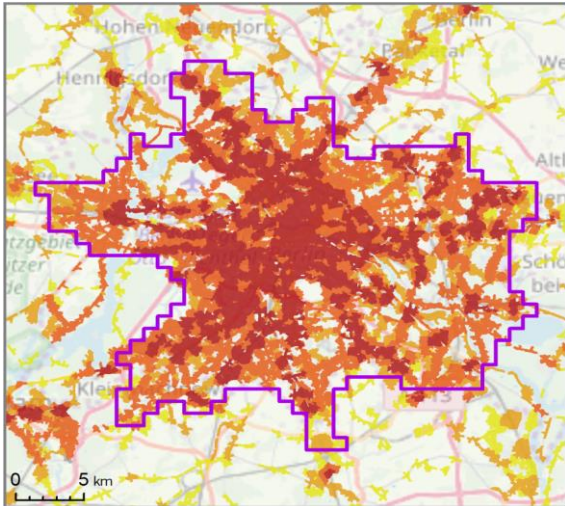
Population accessible within 30 minutes walking  
Population accessible within 30 minutes cycling

256,534 inhabitants  
1,476,308 inhabitants



\* group of 42 cities for which transport performance has been analysed

Source: REGIO-GIS, based on data from public transport operators, UIC, Eurostat, NSIs, Copernicus Urban Atlas, TomTom, OpenStreetMap



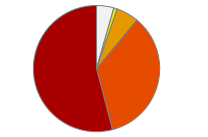
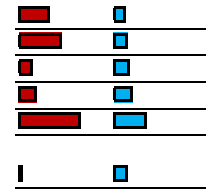
Population	3,249,779 inhabitants
Area	653 km <sup>2</sup>
Density	4,977 inh./km <sup>2</sup>
Weighted density	9,154 inh./km <sup>2</sup>
Median block size	21,266 m <sup>2</sup>

Average slope 1.36 degrees

Typology of public transport service frequencies

no access	4.4%
low	0.9%
medium	5.7%
high	34.9%
very high	54.1%
% of total pop.	

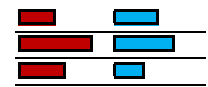
min-max scores  
city group average\*



Access to public transport

Population with public transport stop within 500 m walking (SDG 11.2.1)  
Population with high or very high frequency of departures nearby  
Median number of departures an hour nearby

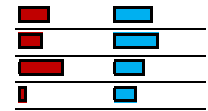
92.9%	of total pop.
89.0%	of total pop.
43.4	dep./hour



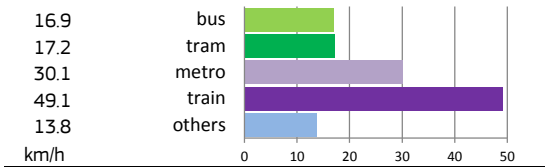
Public transport performance

Population accessible within 30 min./ population within 7.5 km x 100  
Population accessible within 45 min./ population within 11.25 km x 100  
Average straight-line speed of vehicle trips between 6:00 and 20:00  
Vehicle km travelled per inhabitant, between 6:00 and 20:00

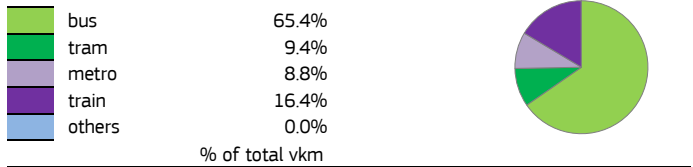
24.4	
49.7	
19.9	km/h
9.0	km/1000 inh.



Straight-line speed of vehicle trips by mode



Vehicle km travelled by mode, between 6:00 and 20:00



Active modes performance

Population accessible within 30 min. walking / population within 2.5 km x 100  
Population accessible within 30 min. cycling / population within 7.5 km x 100

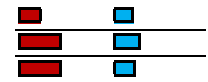
51.3
72.6



Proximity of population

Population within 2.5 km radius  
Population within 7.5 km radius  
Population within 11.25 km radius

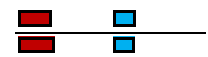
139,276	inhabitants
900,196	inhabitants
1,670,234	inhabitants



Accessibility by public transport combined with walking

Population accessible within 30 minutes  
Population accessible within 45 minutes

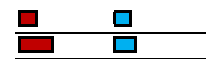
219,717	inhabitants
830,930	inhabitants



Walking and cycling accessibility

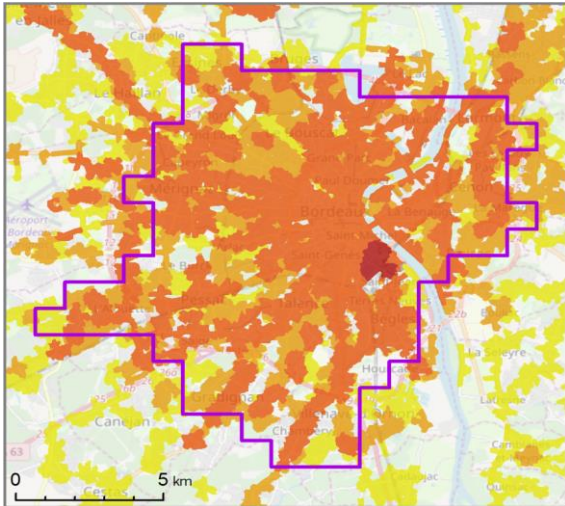
Population accessible within 30 minutes walking  
Population accessible within 30 minutes cycling

71,417	inhabitants
653,256	inhabitants



\* group of 42 cities for which transport performance has been analysed

Source: REGIO-GIS, based on data from public transport operators, UIC, Eurostat, NSIs, Copernicus Urban Atlas, TomTom, OpenStreetMap



Population	557,926 inhabitants
Area	147 km <sup>2</sup>
Density	3,795 inh./km <sup>2</sup>
Weighted density	5,884 inh./km <sup>2</sup>
Median block size	10,358 m <sup>2</sup>

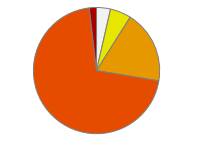
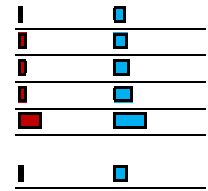
Average slope 1.51 degrees

Typology of public transport service frequencies

no access	3.6%
low	5.4%
medium	18.7%
high	70.6%
very high	1.8%

% of total pop.

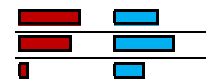
min-max scores  
city group average\*



Access to public transport

Population with public transport stop within 500 m walking (SDG 11.2.1)  
Population with high or very high frequency of departures nearby  
Median number of departures an hour nearby

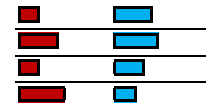
96.3% of total pop.  
72.4% of total pop.  
13.8 dep./hour



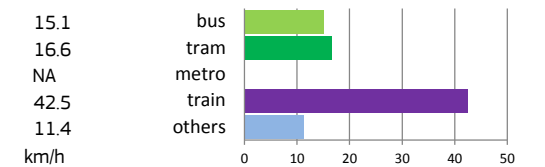
Public transport performance

Population accessible within 30 min./ population within 7.5 km x 100  
Population accessible within 45 min./ population within 11.25 km x 100  
Average straight-line speed of vehicle trips between 6:00 and 20:00  
Vehicle km travelled per inhabitant, between 6:00 and 20:00

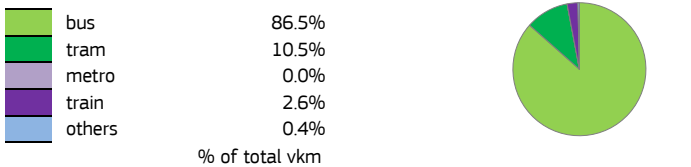
20.3  
61.3  
15.5 km/h  
22.6 km/1000 inh.



Straight-line speed of vehicle trips by mode



Vehicle km travelled by mode, between 6:00 and 20:00



Active modes performance

Population accessible within 30 min. walking / population within 2.5 km x 100  
Population accessible within 30 min. cycling / population within 7.5 km x 100

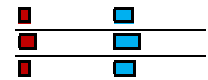
53.7  
83.1



Proximity of population

Population within 2.5 km radius  
Population within 7.5 km radius  
Population within 11.25 km radius

91,029 inhabitants  
427,004 inhabitants  
538,620 inhabitants



Accessibility by public transport combined with walking

Population accessible within 30 minutes  
Population accessible within 45 minutes

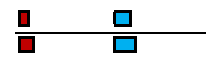
86,477 inhabitants  
329,914 inhabitants



Walking and cycling accessibility

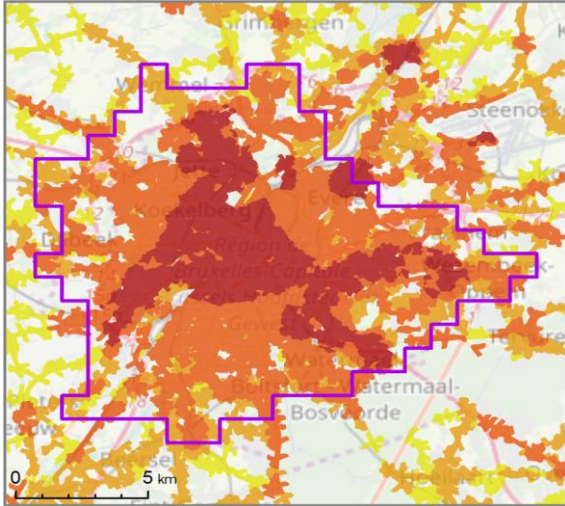
Population accessible within 30 minutes walking  
Population accessible within 30 minutes cycling

48,867 inhabitants  
354,858 inhabitants



\* group of 42 cities for which transport performance has been analysed

Source: REGIO-GIS, based on data from public transport operators, UIC, Eurostat, NSIs, Copernicus Urban Atlas, TomTom, OpenStreetMap



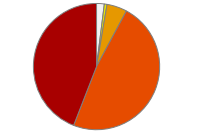
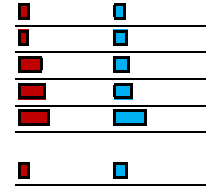
Population	1,233,487 inhabitants
Area	177 km <sup>2</sup>
Density	6,969 inh./km <sup>2</sup>
Weighted density	12,008 inh./km <sup>2</sup>
Median block size	12,536 m <sup>2</sup>

Average slope 2.17 degrees

Typology of public transport service frequencies

no access	2.0%
low	0.7%
medium	5.2%
high	48.1%
very high	44.1%
% of total pop.	

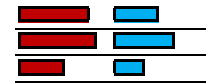
min-max scores  
city group average\*



Access to public transport

Population with public transport stop within 500 m walking (SDG 11.2.1)  
Population with high or very high frequency of departures nearby  
Median number of departures an hour nearby

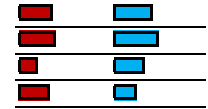
97.4%	of total pop.
92.1%	of total pop.
42.8	dep./hour



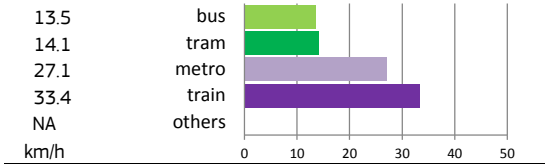
Public transport performance

Population accessible within 30 min./ population within 7.5 km x 100  
Population accessible within 45 min./ population within 11.25 km x 100  
Average straight-line speed of vehicle trips between 6:00 and 20:00  
Vehicle km travelled per inhabitant, between 6:00 and 20:00

25.6	
58.8	
15.0	km/h
17.2	km/1000 inh.



Straight-line speed of vehicle trips by mode



Vehicle km travelled by mode, between 6:00 and 20:00

bus	65.9%
tram	17.9%
metro	6.6%
train	9.5%
others	0.0%
% of total vkm	



Active modes performance

Population accessible within 30 min. walking / population within 2.5 km x 100  
Population accessible within 30 min. cycling / population within 7.5 km x 100

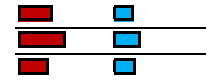
54.5
85.5



Proximity of population

Population within 2.5 km radius  
Population within 7.5 km radius  
Population within 11.25 km radius

194,631	inhabitants
962,870	inhabitants
1,196,500	inhabitants



Accessibility by public transport combined with walking

Population accessible within 30 minutes  
Population accessible within 45 minutes

246,473	inhabitants
703,740	inhabitants



Walking and cycling accessibility

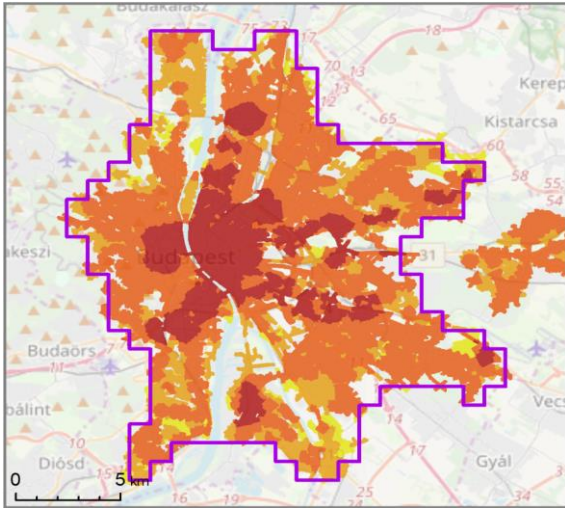
Population accessible within 30 minutes walking  
Population accessible within 30 minutes cycling

105,995	inhabitants
823,104	inhabitants



\* group of 42 cities for which transport performance has been analysed

Source: REGIO-GIS, based on data from public transport operators, UIC, Eurostat, NSIs, Copernicus Urban Atlas, TomTom, OpenStreetMap



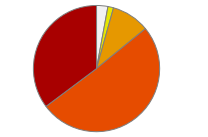
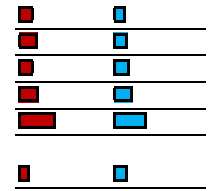
Population	1,567,722	inhabitants
Area	302	km <sup>2</sup>
Density	5,191	inh./km <sup>2</sup>
Weighted density	9,692	inh./km <sup>2</sup>
Median block size	14,236	m <sup>2</sup>

Average slope 2.17 degrees

Typology of public transport service frequencies

no access	2.9%
low	1.4%
medium	9.8%
high	50.7%
very high	35.2%
% of total pop.	

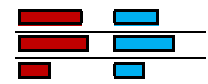
min-max scores  
city group average\*



Access to public transport

Population with public transport stop within 500 m walking (SDG 11.2.1)  
Population with high or very high frequency of departures nearby  
Median number of departures an hour nearby

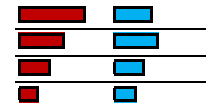
96.5%	of total pop.
85.9%	of total pop.
31.2	dep./hour



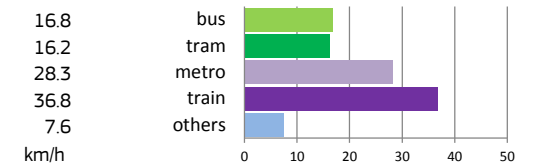
Public transport performance

Population accessible within 30 min./ population within 7.5 km x 100  
Population accessible within 45 min./ population within 11.25 km x 100  
Average straight-line speed of vehicle trips between 6:00 and 20:00  
Vehicle km travelled per inhabitant, between 6:00 and 20:00

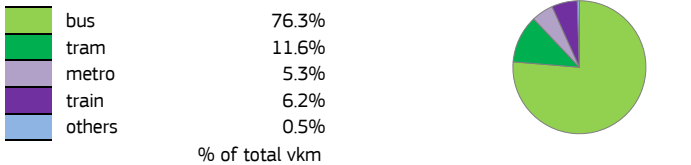
39.3	
65.8	
17.6	km/h
13.1	km/1000 inh.



Straight-line speed of vehicle trips by mode



Vehicle km travelled by mode, between 6:00 and 20:00



Active modes performance

Population accessible within 30 min. walking / population within 2.5 km x 100  
Population accessible within 30 min. cycling / population within 7.5 km x 100

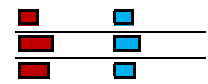
52.9
72.1



Proximity of population

Population within 2.5 km radius  
Population within 7.5 km radius  
Population within 11.25 km radius

130,047	inhabitants
753,371	inhabitants
1,212,065	inhabitants



Accessibility by public transport combined with walking

Population accessible within 30 minutes  
Population accessible within 45 minutes

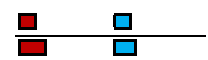
295,865	inhabitants
797,885	inhabitants



Walking and cycling accessibility

Population accessible within 30 minutes walking  
Population accessible within 30 minutes cycling

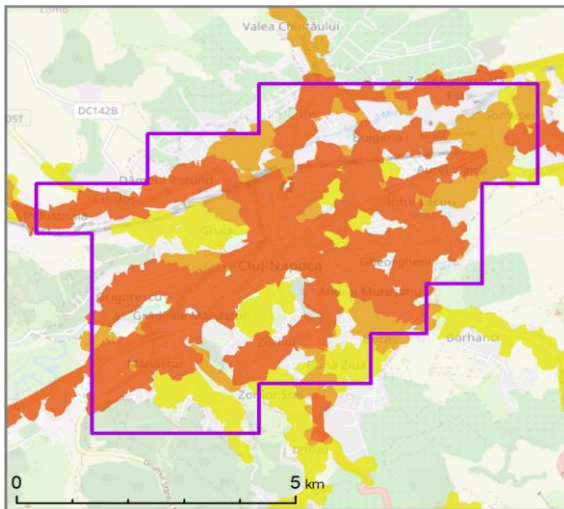
68,798	inhabitants
542,962	inhabitants



\* group of 42 cities for which transport performance has been analysed

Source: REGIO-GIS, based on data from public transport operators, UIC, Eurostat, NSIs, Copernicus Urban Atlas, TomTom, OpenStreetMap





Population	310,934 inhabitants
Area	41 km <sup>2</sup>
Density	7,584 inh./km <sup>2</sup>
Weighted density	13,055 inh./km <sup>2</sup>
Median block size	23,505 m <sup>2</sup>

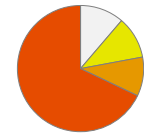
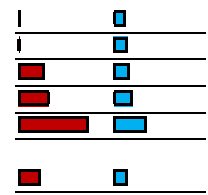
Average slope 3.37 degrees

Typology of public transport service frequencies

no access	11.3%
low	10.8%
medium	10.0%
high	67.9%
very high	0.0%

% of total pop.

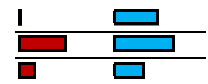
min-max scores  
city group average\*



Access to public transport

Population with public transport stop within 500 m walking (SDG 11.2.1)  
Population with high or very high frequency of departures nearby  
Median number of departures an hour nearby

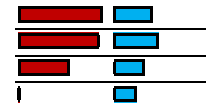
88.2% of total pop.  
67.9% of total pop.  
19.7 dep./hour



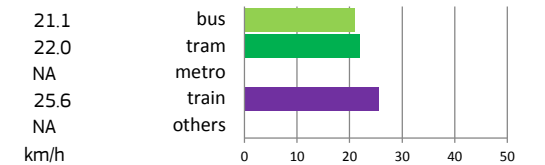
Public transport performance

Population accessible within 30 min./ population within 7.5 km x 100  
Population accessible within 45 min./ population within 11.25 km x 100  
Average straight-line speed of vehicle trips between 6:00 and 20:00  
Vehicle km travelled per inhabitant, between 6:00 and 20:00

46.3  
92.0  
21.2 km/h  
6.4 km/1000 inh.



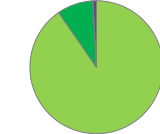
Straight-line speed of vehicle trips by mode



Vehicle km travelled by mode, between 6:00 and 20:00

bus	90.4%
tram	8.8%
metro	0.0%
train	0.8%
others	0.0%

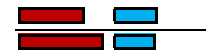
% of total vkm



Active modes performance

Population accessible within 30 min. walking / population within 2.5 km x 100  
Population accessible within 30 min. cycling / population within 7.5 km x 100

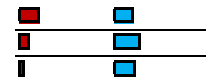
56.5  
97.2



Proximity of population

Population within 2.5 km radius  
Population within 7.5 km radius  
Population within 11.25 km radius

131,437 inhabitants  
304,359 inhabitants  
307,106 inhabitants



Accessibility by public transport combined with walking

Population accessible within 30 minutes  
Population accessible within 45 minutes

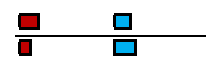
140,856 inhabitants  
282,647 inhabitants



Walking and cycling accessibility

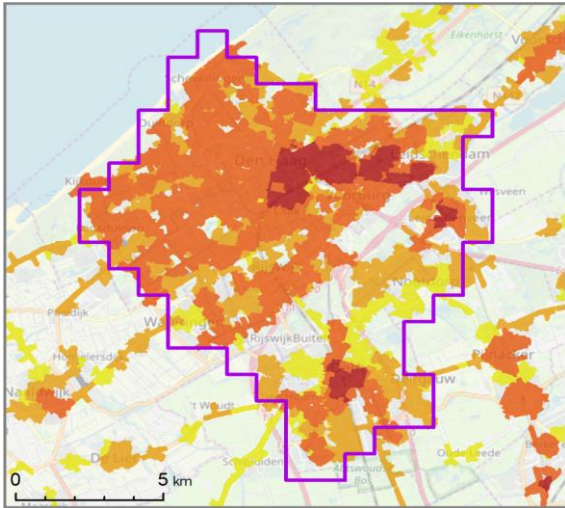
Population accessible within 30 minutes walking  
Population accessible within 30 minutes cycling

74,253 inhabitants  
295,937 inhabitants



\* group of 42 cities for which transport performance has been analysed

Source: REGIO-GIS, based on data from public transport operators, UIC, Eurostat, NSIs, Copernicus Urban Atlas, TomTom, OpenStreetMap



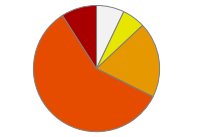
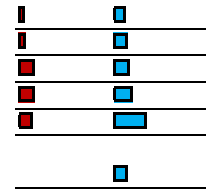
Population	744,505 inhabitants
Area	134 km <sup>2</sup>
Density	5,556 inh./km <sup>2</sup>
Weighted density	8,595 inh./km <sup>2</sup>
Median block size	7,658 m <sup>2</sup>

Average slope 0.93 degrees

Typology of public transport service frequencies

no access	7.1%
low	5.9%
medium	19.3%
high	58.6%
very high	9.1%
% of total pop.	

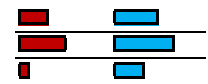
min-max scores  
city group average\*



Access to public transport

Population with public transport stop within 500 m walking (SDG 11.2.1)  
Population with high or very high frequency of departures nearby  
Median number of departures an hour nearby

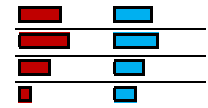
91.9% of total pop.  
67.6% of total pop.  
14.4 dep./hour



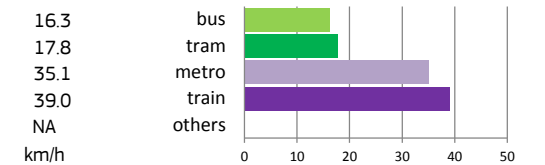
Public transport performance

Population accessible within 30 min./ population within 7.5 km x 100  
Population accessible within 45 min./ population within 11.25 km x 100  
Average straight-line speed of vehicle trips between 6:00 and 20:00  
Vehicle km travelled per inhabitant, between 6:00 and 20:00

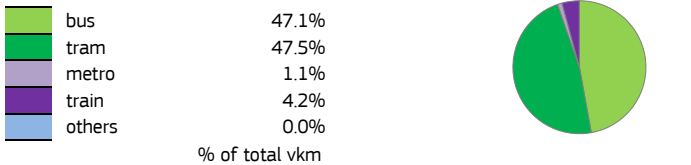
29.6  
69.5  
17.5 km/h  
10.7 km/1000 inh.



Straight-line speed of vehicle trips by mode



Vehicle km travelled by mode, between 6:00 and 20:00



Active modes performance

Population accessible within 30 min. walking / population within 2.5 km x 100  
Population accessible within 30 min. cycling / population within 7.5 km x 100

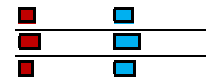
54.7  
82.5



Proximity of population

Population within 2.5 km radius  
Population within 7.5 km radius  
Population within 11.25 km radius

116,018 inhabitants  
498,468 inhabitants  
637,093 inhabitants



Accessibility by public transport combined with walking

Population accessible within 30 minutes  
Population accessible within 45 minutes

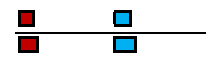
147,411 inhabitants  
442,974 inhabitants



Walking and cycling accessibility

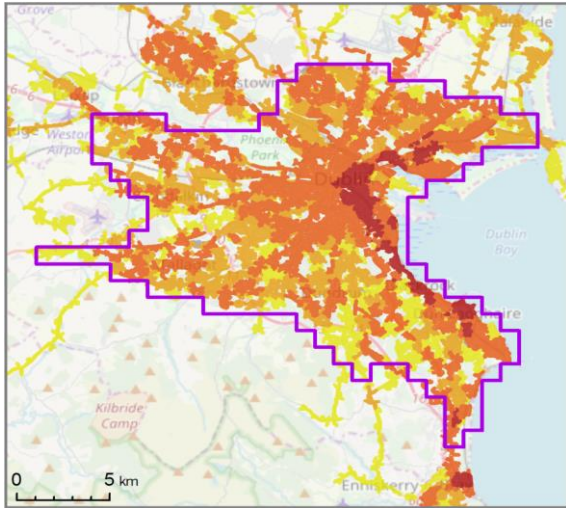
Population accessible within 30 minutes walking  
Population accessible within 30 minutes cycling

63,430 inhabitants  
411,444 inhabitants



\* group of 42 cities for which transport performance has been analysed

Source: REGIO-GIS, based on data from public transport operators, UIC, Eurostat, NSIs, Copernicus Urban Atlas, TomTom, OpenStreetMap



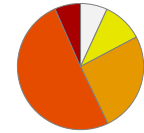
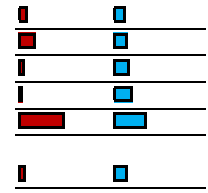
Population	987,262 inhabitants
Area	282 km <sup>2</sup>
Density	3,501 inh./km <sup>2</sup>
Weighted density	4,826 inh./km <sup>2</sup>
Median block size	16,808 m <sup>2</sup>

Average slope 1.68 degrees

Typology of public transport service frequencies

no access	6.9%
low	10.4%
medium	25.6%
high	50.5%
very high	6.6%
% of total pop.	

min-max scores  
city group average\*



Access to public transport

Population with public transport stop within 500 m walking (SDG 11.2.1)  
Population with high or very high frequency of departures nearby  
Median number of departures an hour nearby

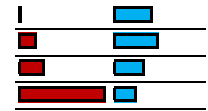
92.7%	of total pop.
57.1%	of total pop.
11.1	dep./hour



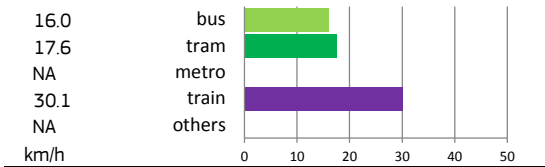
Public transport performance

Population accessible within 30 min./ population within 7.5 km x 100  
Population accessible within 45 min./ population within 11.25 km x 100  
Average straight-line speed of vehicle trips between 6:00 and 20:00  
Vehicle km travelled per inhabitant, between 6:00 and 20:00

12.9	
45.1	
16.3	km/h
37.0	km/1000 inh.

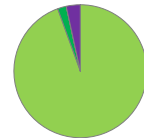


Straight-line speed of vehicle trips by mode



Vehicle km travelled by mode, between 6:00 and 20:00

bus	94.5%
tram	2.1%
metro	0.0%
train	3.4%
others	0.0%
% of total vkm	



Active modes performance

Population accessible within 30 min. walking / population within 2.5 km x 100  
Population accessible within 30 min. cycling / population within 7.5 km x 100

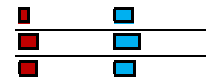
42.9
71.4



Proximity of population

Population within 2.5 km radius  
Population within 7.5 km radius  
Population within 11.25 km radius

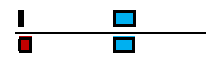
88,701	inhabitants
471,282	inhabitants
773,451	inhabitants



Accessibility by public transport combined with walking

Population accessible within 30 minutes  
Population accessible within 45 minutes

60,590	inhabitants
349,013	inhabitants



Walking and cycling accessibility

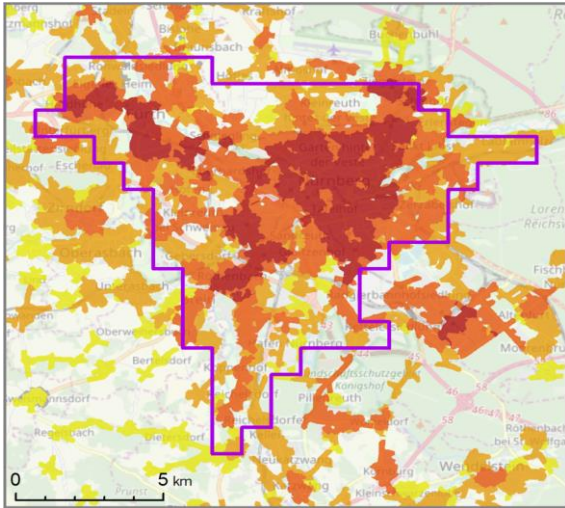
Population accessible within 30 minutes walking  
Population accessible within 30 minutes cycling

38,024	inhabitants
336,406	inhabitants



\* group of 42 cities for which transport performance has been analysed

Source: REGIO-GIS, based on data from public transport operators, UIC, Eurostat, NSIs, Copernicus Urban Atlas, TomTom, OpenStreetMap



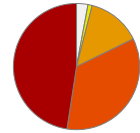
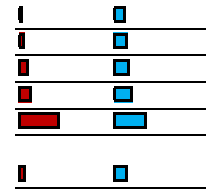
Population	490,317 inhabitants
Area	113 km <sup>2</sup>
Density	4,339 inh./km <sup>2</sup>
Weighted density	7,483 inh./km <sup>2</sup>
Median block size	15,416 m <sup>2</sup>

Average slope 1.68 degrees

Typology of public transport service frequencies

no access	2.9%
low	1.1%
medium	13.8%
high	34.6%
very high	47.6%
% of total pop.	

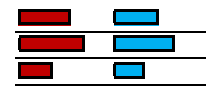
min-max scores  
city group average\*



Access to public transport

Population with public transport stop within 500 m walking (SDG 11.2.1)  
Population with high or very high frequency of departures nearby  
Median number of departures an hour nearby

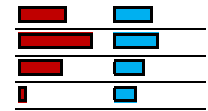
94.9%	of total pop.
82.2%	of total pop.
33.4	dep./hour



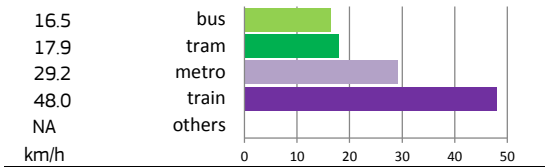
Public transport performance

Population accessible within 30 min./ population within 7.5 km x 100  
Population accessible within 45 min./ population within 11.25 km x 100  
Average straight-line speed of vehicle trips between 6:00 and 20:00  
Vehicle km travelled per inhabitant, between 6:00 and 20:00

31.6	
87.2	
19.8	km/h
8.9	km/1000 inh.



Straight-line speed of vehicle trips by mode



Vehicle km travelled by mode, between 6:00 and 20:00

bus	61.4%
tram	9.5%
metro	13.2%
train	15.8%
others	0.0%
% of total vkm	



Active modes performance

Population accessible within 30 min. walking / population within 2.5 km x 100  
Population accessible within 30 min. cycling / population within 7.5 km x 100

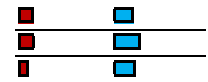
54.1
85.7



Proximity of population

Population within 2.5 km radius  
Population within 7.5 km radius  
Population within 11.25 km radius

104,041	inhabitants
385,718	inhabitants
477,559	inhabitants



Accessibility by public transport combined with walking

Population accessible within 30 minutes  
Population accessible within 45 minutes

121,758	inhabitants
416,632	inhabitants



Walking and cycling accessibility

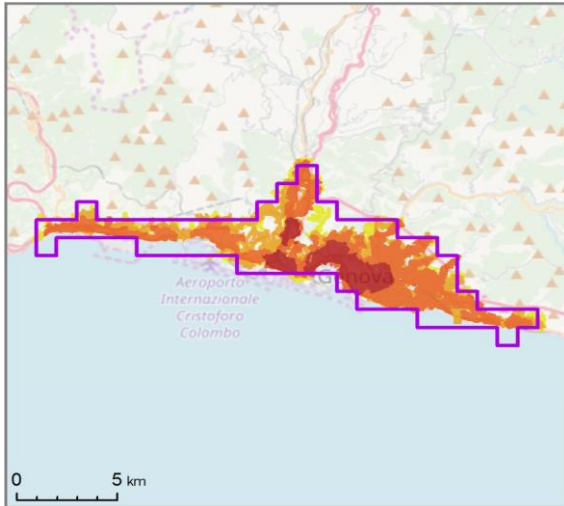
Population accessible within 30 minutes walking  
Population accessible within 30 minutes cycling

56,321	inhabitants
330,627	inhabitants



\* group of 42 cities for which transport performance has been analysed

Source: REGIO-GIS, based on data from public transport operators, UIC, Eurostat, NSIs, Copernicus Urban Atlas, TomTom, OpenStreetMap



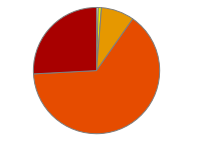
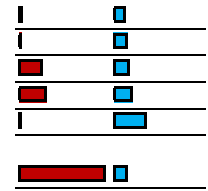
Population	513,034 inhabitants
Area	72 km <sup>2</sup>
Density	7,125 inh./km <sup>2</sup>
Weighted density	12,146 inh./km <sup>2</sup>
Median block size	4,784 m <sup>2</sup>

Average slope 10.53 degrees

Typology of public transport service frequencies

no access	0.4%
low	0.8%
medium	8.5%
high	64.4%
very high	25.8%
% of total pop.	

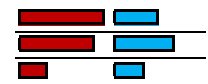
min-max scores  
city group average\*



Access to public transport

Population with public transport stop within 500 m walking (SDG 11.2.1)  
Population with high or very high frequency of departures nearby  
Median number of departures an hour nearby

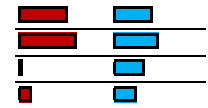
99.5%	of total pop.
90.3%	of total pop.
29.2	dep./hour



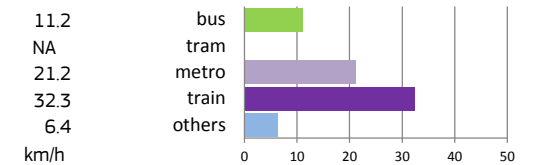
Public transport performance

Population accessible within 30 min./ population within 7.5 km x 100  
Population accessible within 45 min./ population within 11.25 km x 100  
Average straight-line speed of vehicle trips between 6:00 and 20:00  
Vehicle km travelled per inhabitant, between 6:00 and 20:00

32.1	
75.0	
12.3	km/h
10.6	km/1000 inh.

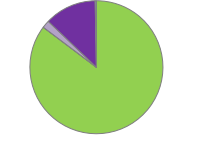


Straight-line speed of vehicle trips by mode



Vehicle km travelled by mode, between 6:00 and 20:00

bus	85.3%
tram	0.0%
metro	1.8%
train	12.6%
others	0.3%
% of total vkm	



Active modes performance

Population accessible within 30 min. walking / population within 2.5 km x 100  
Population accessible within 30 min. cycling / population within 7.5 km x 100

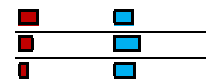
44.9
76.4



Proximity of population

Population within 2.5 km radius  
Population within 7.5 km radius  
Population within 11.25 km radius

127,394	inhabitants
363,750	inhabitants
449,668	inhabitants



Accessibility by public transport combined with walking

Population accessible within 30 minutes  
Population accessible within 45 minutes

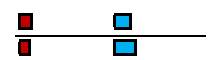
116,633	inhabitants
337,367	inhabitants



Walking and cycling accessibility

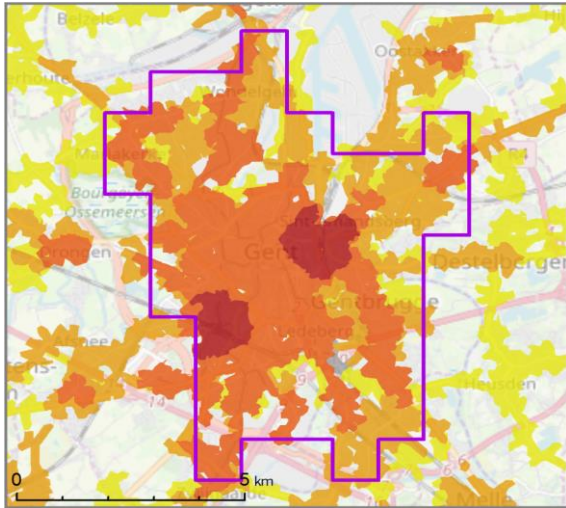
Population accessible within 30 minutes walking  
Population accessible within 30 minutes cycling

57,196	inhabitants
277,749	inhabitants



\* group of 42 cities for which transport performance has been analysed

Source: REGIO-GIS, based on data from public transport operators, UIC, Eurostat, NSIs, Copernicus Urban Atlas, TomTom, OpenStreetMap



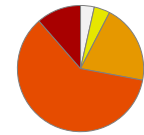
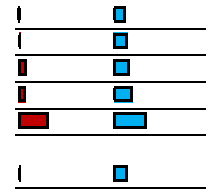
Population	216,134 inhabitants
Area	54 km <sup>2</sup>
Density	4,002 inh./km <sup>2</sup>
Weighted density	5,713 inh./km <sup>2</sup>
Median block size	12,274 m <sup>2</sup>

Average slope 1.14 degrees

Typology of public transport service frequencies

no access	3.5%
low	4.1%
medium	20.4%
high	60.6%
very high	11.4%
% of total pop.	

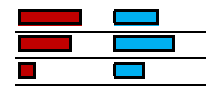
min-max scores  
city group average\*



Access to public transport

Population with public transport stop within 500 m walking (SDG 11.2.1)  
Population with high or very high frequency of departures nearby  
Median number of departures an hour nearby

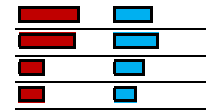
96.4% of total pop.  
72.0% of total pop.  
19.8 dep./hour



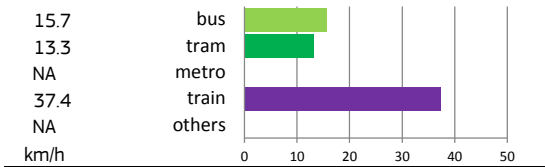
Public transport performance

Population accessible within 30 min./ population within 7.5 km x 100  
Population accessible within 45 min./ population within 11.25 km x 100  
Average straight-line speed of vehicle trips between 6:00 and 20:00  
Vehicle km travelled per inhabitant, between 6:00 and 20:00

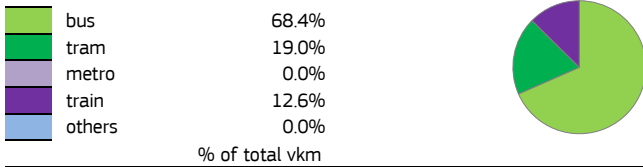
37.0  
74.2  
16.3 km/h  
15.4 km/1000 inh.



Straight-line speed of vehicle trips by mode



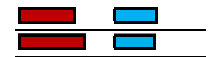
Vehicle km travelled by mode, between 6:00 and 20:00



Active modes performance

Population accessible within 30 min. walking / population within 2.5 km x 100  
Population accessible within 30 min. cycling / population within 7.5 km x 100

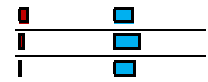
54.7  
89.3



Proximity of population

Population within 2.5 km radius  
Population within 7.5 km radius  
Population within 11.25 km radius

80,444 inhabitants  
212,750 inhabitants  
216,571 inhabitants



Accessibility by public transport combined with walking

Population accessible within 30 minutes  
Population accessible within 45 minutes

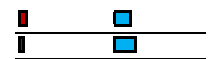
78,712 inhabitants  
160,629 inhabitants



Walking and cycling accessibility

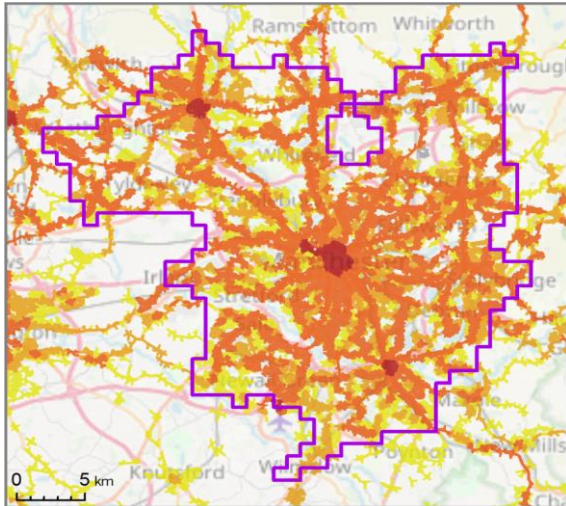
Population accessible within 30 minutes walking  
Population accessible within 30 minutes cycling

43,992 inhabitants  
189,918 inhabitants



\* group of 42 cities for which transport performance has been analysed

Source: REGIO-GIS, based on data from public transport operators, UIC, Eurostat, NSIs, Copernicus Urban Atlas, TomTom, OpenStreetMap



Population	2,326,085 inhabitants
Area	735 km <sup>2</sup>
Density	3,165 inh./km <sup>2</sup>
Weighted density	4,458 inh./km <sup>2</sup>
Median block size	8,183 m <sup>2</sup>

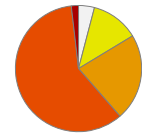
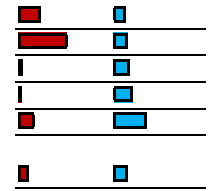
Average slope 2.07 degrees

Typology of public transport service frequencies

no access	4.1%
low	12.3%
medium	22.3%
high	59.6%
very high	1.8%

% of total pop.

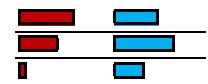
min-max scores  
city group average\*



Access to public transport

Population with public transport stop within 500 m walking (SDG 11.2.1)  
Population with high or very high frequency of departures nearby  
Median number of departures an hour nearby

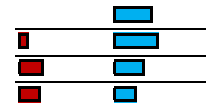
95.4%	of total pop.
61.4%	of total pop.
12.7	dep./hour



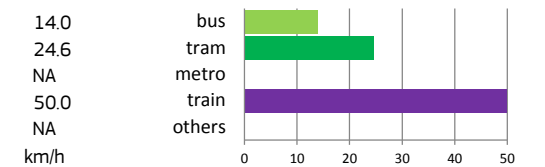
Public transport performance

Population accessible within 30 min./ population within 7.5 km x 100  
Population accessible within 45 min./ population within 11.25 km x 100  
Average straight-line speed of vehicle trips between 6:00 and 20:00  
Vehicle km travelled per inhabitant, between 6:00 and 20:00

11.6
39.0
16.2 km/h
14.0 km/1000 inh.



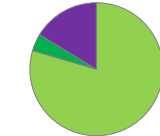
Straight-line speed of vehicle trips by mode



Vehicle km travelled by mode, between 6:00 and 20:00

bus	79.5%
tram	4.2%
metro	0.0%
train	16.3%
others	0.0%

% of total vkm



Active modes performance

Population accessible within 30 min. walking / population within 2.5 km x 100  
Population accessible within 30 min. cycling / population within 7.5 km x 100

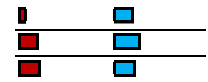
43.1
65.2



Proximity of population

Population within 2.5 km radius  
Population within 7.5 km radius  
Population within 11.25 km radius

70,826 inhabitants
470,172 inhabitants
901,137 inhabitants



Accessibility by public transport combined with walking

Population accessible within 30 minutes  
Population accessible within 45 minutes

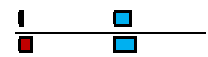
54,406 inhabitants
351,097 inhabitants



Walking and cycling accessibility

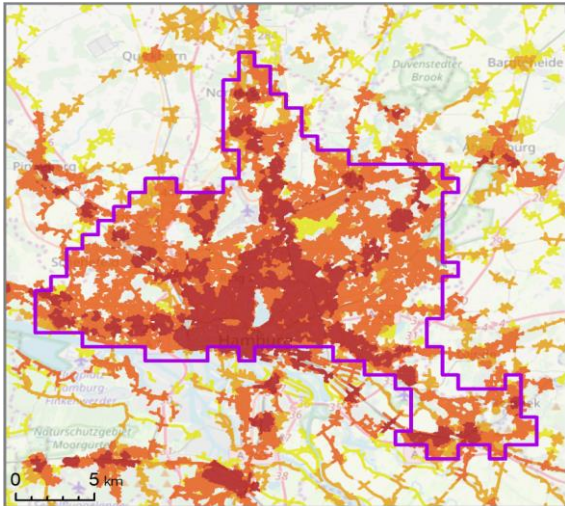
Population accessible within 30 minutes walking  
Population accessible within 30 minutes cycling

30,494 inhabitants
306,474 inhabitants



\* group of 42 cities for which transport performance has been analysed

Source: REGIO-GIS, based on data from public transport operators, UIC, Eurostat, NSIs, Copernicus Urban Atlas, TomTom, OpenStreetMap



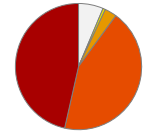
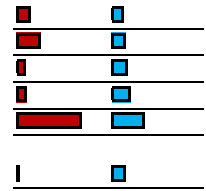
Population	1,534,006 inhabitants
Area	378 km <sup>2</sup>
Density	4,058 inh./km <sup>2</sup>
Weighted density	6,598 inh./km <sup>2</sup>
Median block size	22,035 m <sup>2</sup>

Average slope 1.29 degrees

Typology of public transport service frequencies

no access	6.4%
low	0.6%
medium	3.1%
high	43.5%
very high	46.5%
% of total pop.	

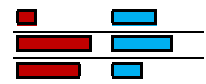
min-max scores  
city group average\*



Access to public transport

Population with public transport stop within 500 m walking (SDG 11.2.1)  
Population with high or very high frequency of departures nearby  
Median number of departures an hour nearby

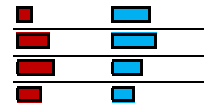
90.5%	of total pop.
89.9%	of total pop.
56.7	dep./hour



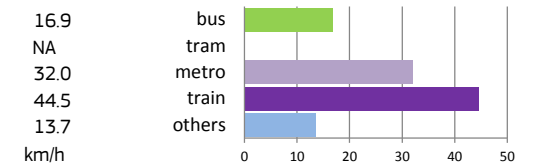
Public transport performance

Population accessible within 30 min./ population within 7.5 km x 100  
Population accessible within 45 min./ population within 11.25 km x 100  
Average straight-line speed of vehicle trips between 6:00 and 20:00  
Vehicle km travelled per inhabitant, between 6:00 and 20:00

18.1	
56.2	
18.5	km/h
14.9	km/1000 inh.

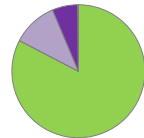


Straight-line speed of vehicle trips by mode



Vehicle km travelled by mode, between 6:00 and 20:00

bus	82.6%
tram	0.0%
metro	11.0%
train	6.2%
others	0.1%
% of total vkm	



Active modes performance

Population accessible within 30 min. walking / population within 2.5 km x 100  
Population accessible within 30 min. cycling / population within 7.5 km x 100

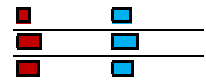
51.6
75.2



Proximity of population

Population within 2.5 km radius  
Population within 7.5 km radius  
Population within 11.25 km radius

99,791	inhabitants
556,145	inhabitants
925,989	inhabitants



Accessibility by public transport combined with walking

Population accessible within 30 minutes  
Population accessible within 45 minutes

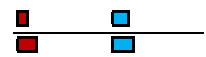
100,775	inhabitants
520,575	inhabitants



Walking and cycling accessibility

Population accessible within 30 minutes walking  
Population accessible within 30 minutes cycling

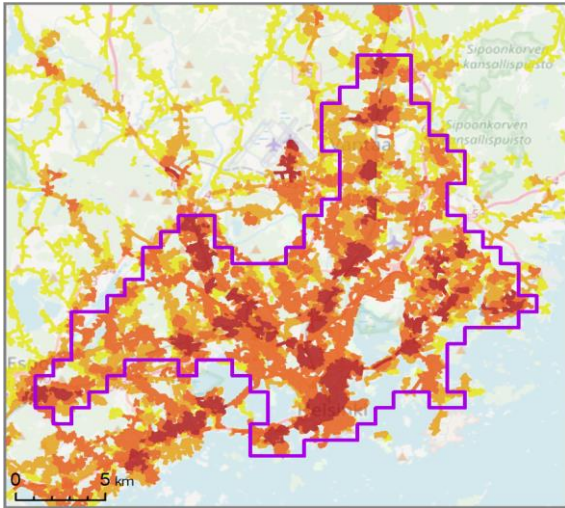
51,524	inhabitants
418,142	inhabitants



\* group of 42 cities for which transport performance has been analysed

Source: REGIO-GIS, based on data from public transport operators, UIC, Eurostat, NSIs, Copernicus Urban Atlas, TomTom, OpenStreetMap





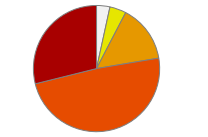
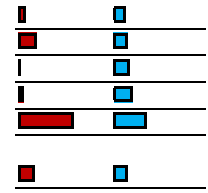
Population	812,749 inhabitants
Area	292 km <sup>2</sup>
Density	2,783 inh./km <sup>2</sup>
Weighted density	5,086 inh./km <sup>2</sup>
Median block size	19,266 m <sup>2</sup>

Average slope 2.74 degrees

Typology of public transport service frequencies

no access	3.4%
low	4.2%
medium	14.7%
high	48.8%
very high	28.9%
% of total pop.	

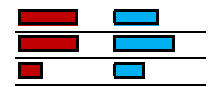
min-max scores  
city group average\*



Access to public transport

Population with public transport stop within 500 m walking (SDG 11.2.1)  
Population with high or very high frequency of departures nearby  
Median number of departures an hour nearby

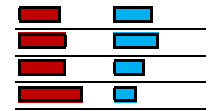
95.8% of total pop.  
77.7% of total pop.  
25.1 dep./hour



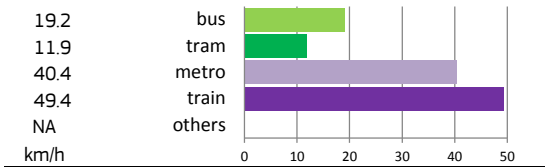
Public transport performance

Population accessible within 30 min./ population within 7.5 km x 100  
Population accessible within 45 min./ population within 11.25 km x 100  
Average straight-line speed of vehicle trips between 6:00 and 20:00  
Vehicle km travelled per inhabitant, between 6:00 and 20:00

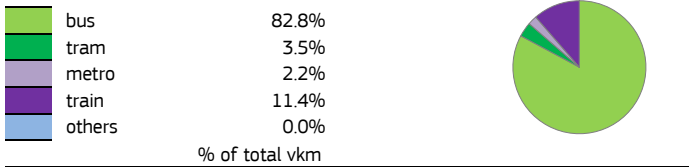
28.9  
67.1  
20.4 km/h  
28.7 km/1000 inh.



Straight-line speed of vehicle trips by mode



Vehicle km travelled by mode, between 6:00 and 20:00



Active modes performance

Population accessible within 30 min. walking / population within 2.5 km x 100  
Population accessible within 30 min. cycling / population within 7.5 km x 100

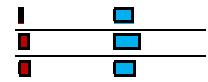
52.8  
67.6



Proximity of population

Population within 2.5 km radius  
Population within 7.5 km radius  
Population within 11.25 km radius

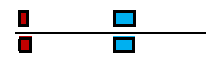
58,710 inhabitants  
305,296 inhabitants  
521,176 inhabitants



Accessibility by public transport combined with walking

Population accessible within 30 minutes  
Population accessible within 45 minutes

88,081 inhabitants  
349,842 inhabitants



Walking and cycling accessibility

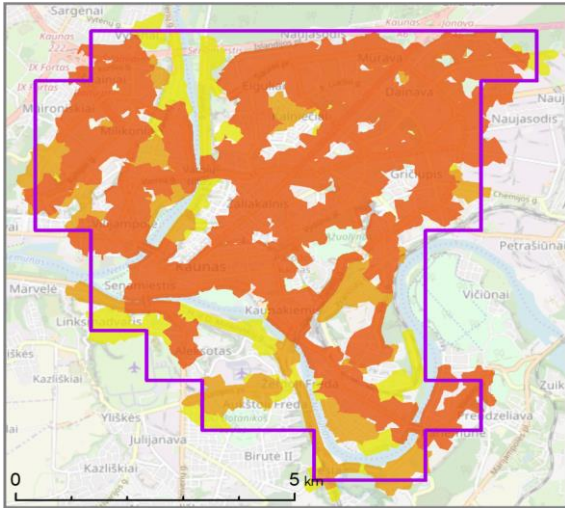
Population accessible within 30 minutes walking  
Population accessible within 30 minutes cycling

31,016 inhabitants  
206,287 inhabitants



\* group of 42 cities for which transport performance has been analysed

Source: REGIO-GIS, based on data from public transport operators, UIC, Eurostat, NSIs, Copernicus Urban Atlas, TomTom, OpenStreetMap



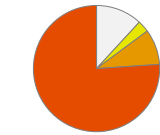
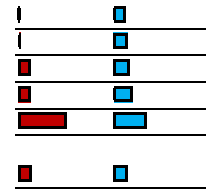
Population	261,436 inhabitants
Area	56 km <sup>2</sup>
Density	4,669 inh./km <sup>2</sup>
Weighted density	7,292 inh./km <sup>2</sup>
Median block size	17,168 m <sup>2</sup>

Average slope 2.35 degrees

Typology of public transport service frequencies

no access	11.9%
low	3.0%
medium	9.1%
high	76.1%
very high	0.0%
% of total pop.	

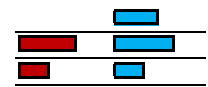
min-max scores  
city group average\*



Access to public transport

Population with public transport stop within 500 m walking (SDG 11.2.1)  
Population with high or very high frequency of departures nearby  
Median number of departures an hour nearby

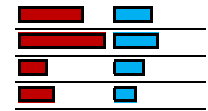
87.8% of total pop.  
76.1% of total pop.  
30.5 dep./hour



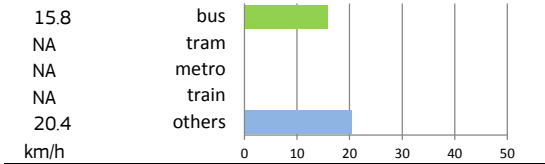
Public transport performance

Population accessible within 30 min./ population within 7.5 km x 100  
Population accessible within 45 min./ population within 11.25 km x 100  
Average straight-line speed of vehicle trips between 6:00 and 20:00  
Vehicle km travelled per inhabitant, between 6:00 and 20:00

38.6  
97.0  
16.9 km/h  
18.8 km/1000 inh.

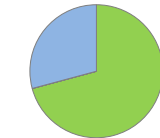


Straight-line speed of vehicle trips by mode



Vehicle km travelled by mode, between 6:00 and 20:00

bus	70.8%
tram	0.0%
metro	0.0%
train	0.0%
others	29.2%
% of total vkm	



Active modes performance

Population accessible within 30 min. walking / population within 2.5 km x 100  
Population accessible within 30 min. cycling / population within 7.5 km x 100

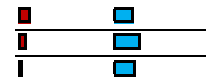
49.8  
84.4



Proximity of population

Population within 2.5 km radius  
Population within 7.5 km radius  
Population within 11.25 km radius

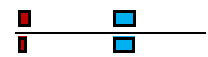
92,053 inhabitants  
252,243 inhabitants  
256,887 inhabitants



Accessibility by public transport combined with walking

Population accessible within 30 minutes  
Population accessible within 45 minutes

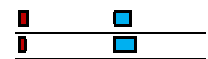
97,344 inhabitants  
249,149 inhabitants



Walking and cycling accessibility

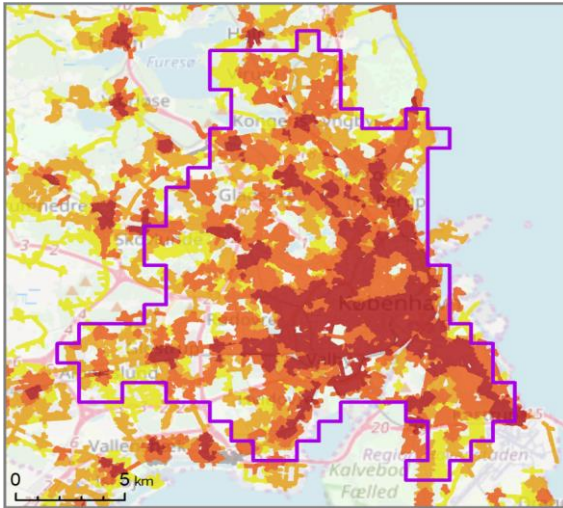
Population accessible within 30 minutes walking  
Population accessible within 30 minutes cycling

45,808 inhabitants  
212,904 inhabitants



\* group of 42 cities for which transport performance has been analysed

Source: REGIO-GIS, based on data from public transport operators, UIC, Eurostat, NSIs, Copernicus Urban Atlas, TomTom, OpenStreetMap



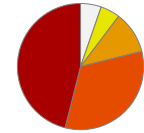
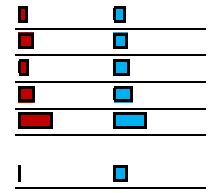
Population	1,036,566 inhabitants
Area	246 km <sup>2</sup>
Density	4,214 inh./km <sup>2</sup>
Weighted density	8,510 inh./km <sup>2</sup>
Median block size	13,335 m <sup>2</sup>

Average slope 1.15 degrees

Typology of public transport service frequencies

no access	5.3%
low	5.0%
medium	10.8%
high	32.8%
very high	46.1%
% of total pop.	

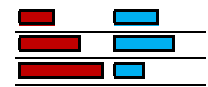
min-max scores  
city group average\*



Access to public transport

Population with public transport stop within 500 m walking (SDG 11.2.1)  
Population with high or very high frequency of departures nearby  
Median number of departures an hour nearby

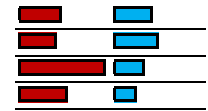
92.7% of total pop.  
78.9% of total pop.  
73.8 dep./hour



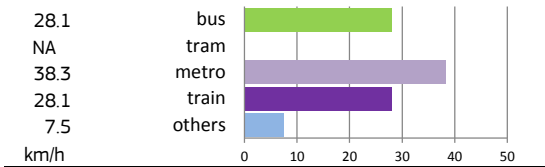
Public transport performance

Population accessible within 30 min./ population within 7.5 km x 100  
Population accessible within 45 min./ population within 11.25 km x 100  
Average straight-line speed of vehicle trips between 6:00 and 20:00  
Vehicle km travelled per inhabitant, between 6:00 and 20:00

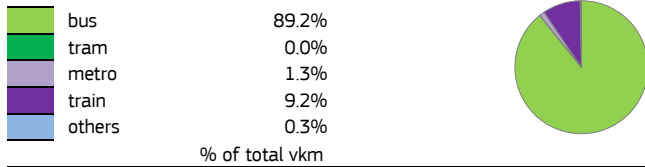
29.3  
59.9  
28.0 km/h  
23.6 km/1000 inh.



Straight-line speed of vehicle trips by mode



Vehicle km travelled by mode, between 6:00 and 20:00



Active modes performance

Population accessible within 30 min. walking / population within 2.5 km x 100  
Population accessible within 30 min. cycling / population within 7.5 km x 100

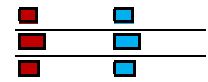
53.3  
68.8



Proximity of population

Population within 2.5 km radius  
Population within 7.5 km radius  
Population within 11.25 km radius

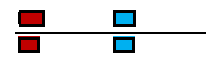
122,095 inhabitants  
599,929 inhabitants  
868,556 inhabitants



Accessibility by public transport combined with walking

Population accessible within 30 minutes  
Population accessible within 45 minutes

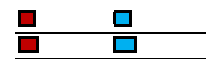
175,562 inhabitants  
520,174 inhabitants



Walking and cycling accessibility

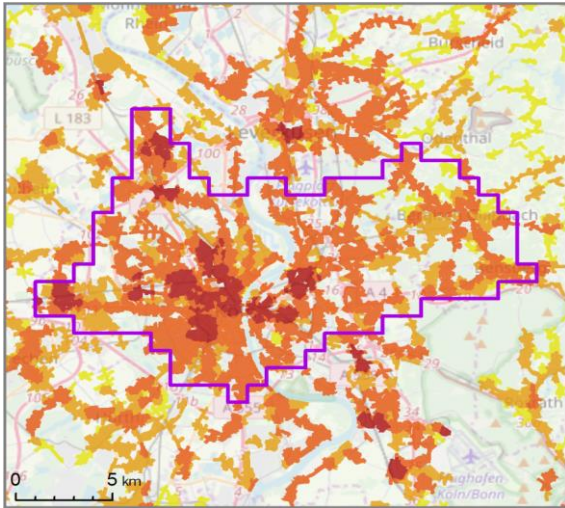
Population accessible within 30 minutes walking  
Population accessible within 30 minutes cycling

65,080 inhabitants  
412,611 inhabitants



\* group of 42 cities for which transport performance has been analysed

Source: REGIO-GIS, based on data from public transport operators, UIC, Eurostat, NSIs, Copernicus Urban Atlas, TomTom, OpenStreetMap



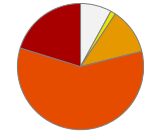
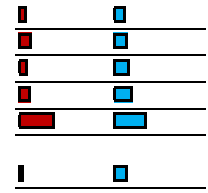
Population	896,757 inhabitants
Area	222 km <sup>2</sup>
Density	4,039 inh./km <sup>2</sup>
Weighted density	7,249 inh./km <sup>2</sup>
Median block size	13,823 m <sup>2</sup>

Average slope 1.53 degrees

Typology of public transport service frequencies

no access	8.0%
low	1.3%
medium	11.8%
high	58.6%
very high	20.2%
% of total pop.	

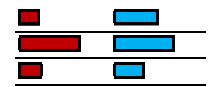
min-max scores  
city group average\*



Access to public transport

Population with public transport stop within 500 m walking (SDG 11.2.1)  
Population with high or very high frequency of departures nearby  
Median number of departures an hour nearby

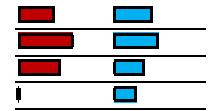
90.7% of total pop.  
78.9% of total pop.  
24.8 dep./hour



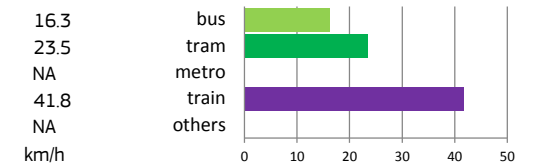
Public transport performance

Population accessible within 30 min./ population within 7.5 km x 100  
Population accessible within 45 min./ population within 11.25 km x 100  
Average straight-line speed of vehicle trips between 6:00 and 20:00  
Vehicle km travelled per inhabitant, between 6:00 and 20:00

26.5  
72.3  
19.5 km/h  
6.1 km/1000 inh.



Straight-line speed of vehicle trips by mode



Vehicle km travelled by mode, between 6:00 and 20:00

bus	61.2%
tram	24.4%
metro	0.0%
train	14.4%
others	0.0%
% of total vkm	



Active modes performance

Population accessible within 30 min. walking / population within 2.5 km x 100  
Population accessible within 30 min. cycling / population within 7.5 km x 100

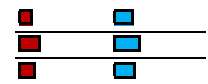
53.2  
76.7



Proximity of population

Population within 2.5 km radius  
Population within 7.5 km radius  
Population within 11.25 km radius

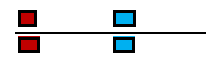
98,110 inhabitants  
504,655 inhabitants  
719,809 inhabitants



Accessibility by public transport combined with walking

Population accessible within 30 minutes  
Population accessible within 45 minutes

133,675 inhabitants  
520,606 inhabitants



Walking and cycling accessibility

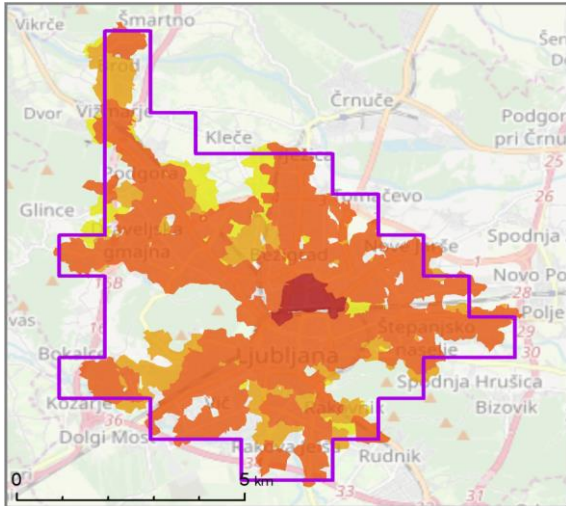
Population accessible within 30 minutes walking  
Population accessible within 30 minutes cycling

52,222 inhabitants  
387,091 inhabitants



\* group of 42 cities for which transport performance has been analysed

Source: REGIO-GIS, based on data from public transport operators, UIC, Eurostat, NSIs, Copernicus Urban Atlas, TomTom, OpenStreetMap



Population	211,853 inhabitants
Area	55 km <sup>2</sup>
Density	3,852 inh./km <sup>2</sup>
Weighted density	6,122 inh./km <sup>2</sup>
Median block size	7,737 m <sup>2</sup>

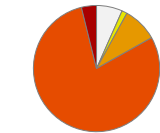
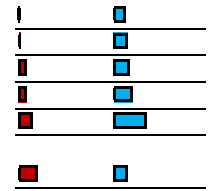
Average slope 2.98 degrees

Typology of public transport service frequencies

no access	6.6%
low	1.4%
medium	8.9%
high	79.3%
very high	3.9%

% of total pop.

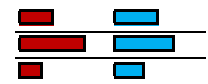
min-max scores  
city group average\*



Access to public transport

Population with public transport stop within 500 m walking (SDG 11.2.1)  
Population with high or very high frequency of departures nearby  
Median number of departures an hour nearby

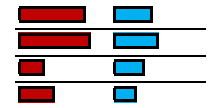
92.5%	of total pop.
83.1%	of total pop.
25.5	dep./hour



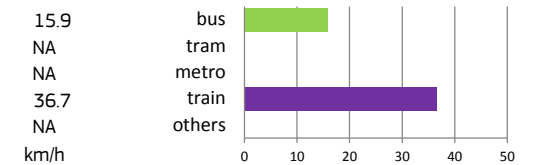
Public transport performance

Population accessible within 30 min./ population within 7.5 km x 100  
Population accessible within 45 min./ population within 11.25 km x 100  
Average straight-line speed of vehicle trips between 6:00 and 20:00  
Vehicle km travelled per inhabitant, between 6:00 and 20:00

39.1
85.3
16.3 km/h
18.9 km/1000 inh.



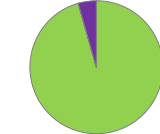
Straight-line speed of vehicle trips by mode



Vehicle km travelled by mode, between 6:00 and 20:00

bus	95.6%
tram	0.0%
metro	0.0%
train	4.4%
others	0.0%

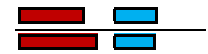
% of total vkm



Active modes performance

Population accessible within 30 min. walking / population within 2.5 km x 100  
Population accessible within 30 min. cycling / population within 7.5 km x 100

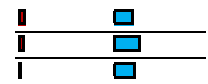
56.5
94.6



Proximity of population

Population within 2.5 km radius  
Population within 7.5 km radius  
Population within 11.25 km radius

68,474 inhabitants
207,111 inhabitants
214,114 inhabitants



Accessibility by public transport combined with walking

Population accessible within 30 minutes  
Population accessible within 45 minutes

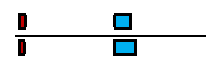
81,067 inhabitants
182,743 inhabitants



Walking and cycling accessibility

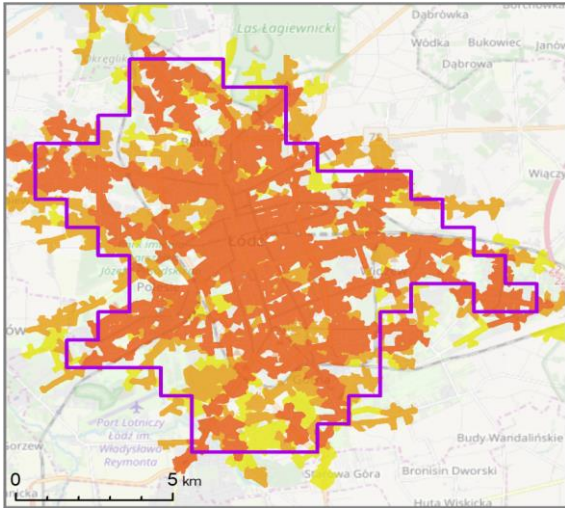
Population accessible within 30 minutes walking  
Population accessible within 30 minutes cycling

38,692 inhabitants
196,007 inhabitants



\* group of 42 cities for which transport performance has been analysed

Source: REGIO-GIS, based on data from public transport operators, UIC, Eurostat, NSIs, Copernicus Urban Atlas, TomTom, OpenStreetMap



Population	682,389 inhabitants
Area	117 km <sup>2</sup>
Density	5,832 inh./km <sup>2</sup>
Weighted density	9,793 inh./km <sup>2</sup>
Median block size	18,075 m <sup>2</sup>

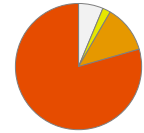
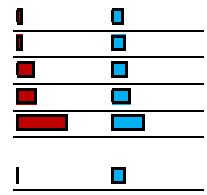
Average slope 1.19 degrees

Typology of public transport service frequencies

no access	6.3%
low	2.1%
medium	12.2%
high	79.5%
very high	0.0%

% of total pop.

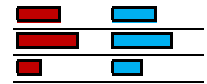
min-max scores  
city group average\*



Access to public transport

Population with public transport stop within 500 m walking (SDG 11.2.1)  
Population with high or very high frequency of departures nearby  
Median number of departures an hour nearby

93.8% of total pop.  
79.5% of total pop.  
25.8 dep./hour



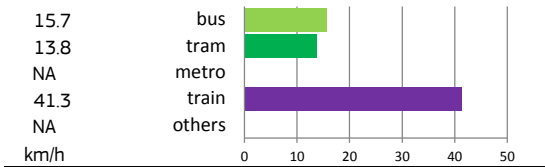
Public transport performance

Population accessible within 30 min./ population within 7.5 km x 100  
Population accessible within 45 min./ population within 11.25 km x 100  
Average straight-line speed of vehicle trips between 6:00 and 20:00  
Vehicle km travelled per inhabitant, between 6:00 and 20:00

25.4  
74.8  
15.6 km/h  
11.3 km/1000 inh.



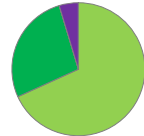
Straight-line speed of vehicle trips by mode



Vehicle km travelled by mode, between 6:00 and 20:00

bus	68.2%
tram	27.1%
metro	0.0%
train	4.7%
others	0.0%

% of total vkm



Active modes performance

Population accessible within 30 min. walking / population within 2.5 km x 100  
Population accessible within 30 min. cycling / population within 7.5 km x 100

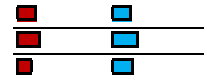
54.3  
81.1



Proximity of population

Population within 2.5 km radius  
Population within 7.5 km radius  
Population within 11.25 km radius

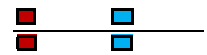
125,961 inhabitants  
544,349 inhabitants  
664,420 inhabitants



Accessibility by public transport combined with walking

Population accessible within 30 minutes  
Population accessible within 45 minutes

138,466 inhabitants  
497,252 inhabitants



Walking and cycling accessibility

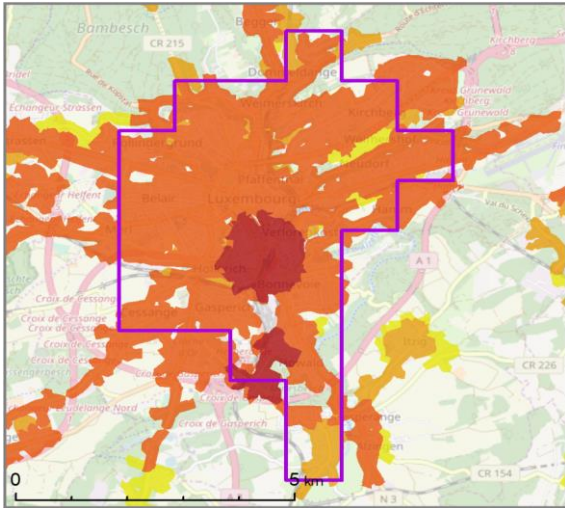
Population accessible within 30 minutes walking  
Population accessible within 30 minutes cycling

68,403 inhabitants  
441,640 inhabitants



\* group of 42 cities for which transport performance has been analysed

Source: REGIO-GIS, based on data from public transport operators, UIC, Eurostat, NSIs, Copernicus Urban Atlas, TomTom, OpenStreetMap



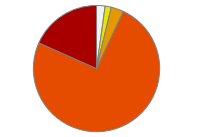
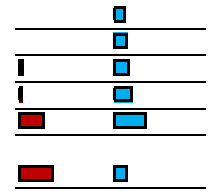
Population	92,090 inhabitants
Area	28 km <sup>2</sup>
Density	3,289 inh./km <sup>2</sup>
Weighted density	4,553 inh./km <sup>2</sup>
Median block size	11,193 m <sup>2</sup>

Average slope 4.84 degrees

Typology of public transport service frequencies

no access	2.2%
low	1.6%
medium	3.2%
high	74.7%
very high	18.3%
% of total pop.	

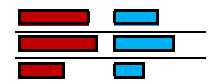
min-max scores  
city group average\*



Access to public transport

Population with public transport stop within 500 m walking (SDG 11.2.1)  
Population with high or very high frequency of departures nearby  
Median number of departures an hour nearby

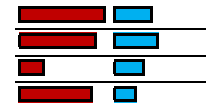
97.4%	of total pop.
93.0%	of total pop.
42.5	dep./hour



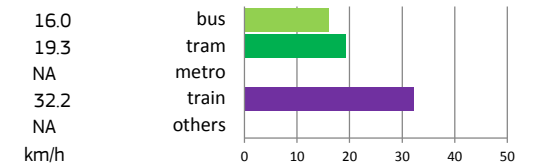
Public transport performance

Population accessible within 30 min./ population within 7.5 km x 100  
Population accessible within 45 min./ population within 11.25 km x 100  
Average straight-line speed of vehicle trips between 6:00 and 20:00  
Vehicle km travelled per inhabitant, between 6:00 and 20:00

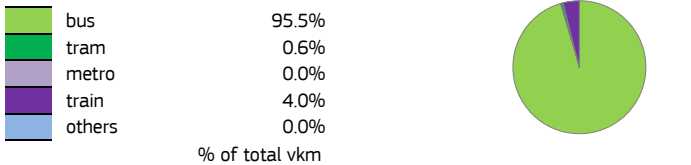
47.7
89.6
16.4 km/h
32.3 km/1000 inh.



Straight-line speed of vehicle trips by mode



Vehicle km travelled by mode, between 6:00 and 20:00



Active modes performance

Population accessible within 30 min. walking / population within 2.5 km x 100  
Population accessible within 30 min. cycling / population within 7.5 km x 100

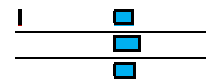
48.3
98.2



Proximity of population

Population within 2.5 km radius  
Population within 7.5 km radius  
Population within 11.25 km radius

50,614 inhabitants
92,457 inhabitants
92,518 inhabitants



Accessibility by public transport combined with walking

Population accessible within 30 minutes  
Population accessible within 45 minutes

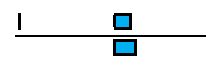
44,064 inhabitants
82,938 inhabitants



Walking and cycling accessibility

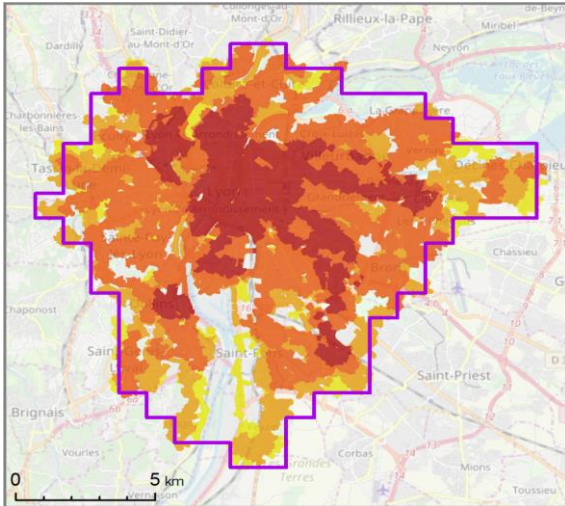
Population accessible within 30 minutes walking  
Population accessible within 30 minutes cycling

24,434 inhabitants
90,803 inhabitants



\* group of 42 cities for which transport performance has been analysed

Source: REGIO-GIS, based on data from public transport operators, UIC, Eurostat, NSIs, Copernicus Urban Atlas, TomTom, OpenStreetMap



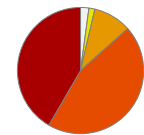
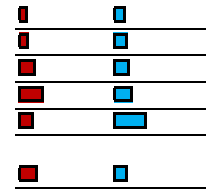
Population	985,455 inhabitants
Area	172 km <sup>2</sup>
Density	5,729 inh./km <sup>2</sup>
Weighted density	11,413 inh./km <sup>2</sup>
Median block size	8,107 m <sup>2</sup>

Average slope 3.00 degrees

Typology of public transport service frequencies

no access	2.1%
low	1.5%
medium	9.8%
high	44.9%
very high	41.6%
% of total pop.	

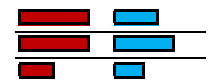
min-max scores  
city group average\*



Access to public transport

Population with public transport stop within 500 m walking (SDG 11.2.1)  
Population with high or very high frequency of departures nearby  
Median number of departures an hour nearby

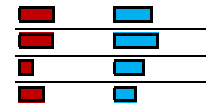
97.5%	of total pop.
86.6%	of total pop.
34.5	dep./hour



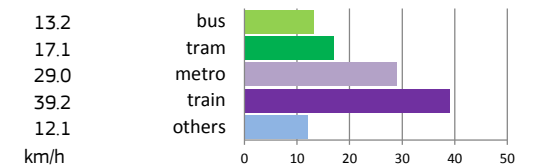
Public transport performance

Population accessible within 30 min./ population within 7.5 km x 100  
Population accessible within 45 min./ population within 11.25 km x 100  
Average straight-line speed of vehicle trips between 6:00 and 20:00  
Vehicle km travelled per inhabitant, between 6:00 and 20:00

26.4
57.3
14.3 km/h
15.4 km/1000 inh.

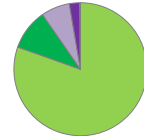


Straight-line speed of vehicle trips by mode



Vehicle km travelled by mode, between 6:00 and 20:00

bus	80.4%
tram	9.9%
metro	7.0%
train	2.5%
others	0.1%
% of total vkm	



Active modes performance

Population accessible within 30 min. walking / population within 2.5 km x 100  
Population accessible within 30 min. cycling / population within 7.5 km x 100

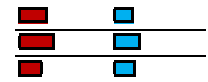
54.1
79.8



Proximity of population

Population within 2.5 km radius  
Population within 7.5 km radius  
Population within 11.25 km radius

170,217 inhabitants
756,025 inhabitants
947,587 inhabitants



Accessibility by public transport combined with walking

Population accessible within 30 minutes  
Population accessible within 45 minutes

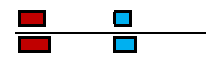
199,429 inhabitants
543,185 inhabitants



Walking and cycling accessibility

Population accessible within 30 minutes walking  
Population accessible within 30 minutes cycling

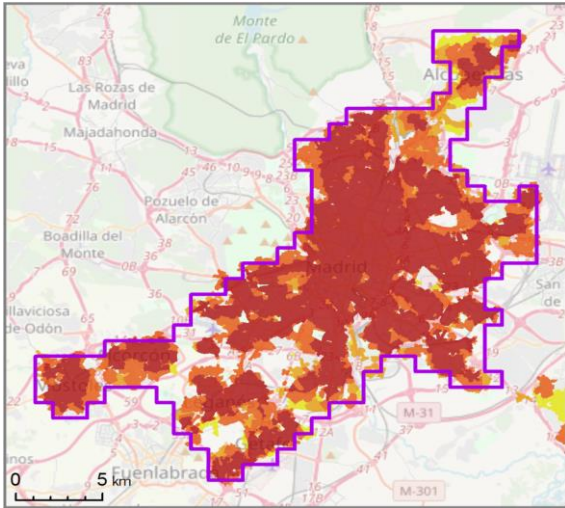
92,114 inhabitants
603,281 inhabitants



\* group of 42 cities for which transport performance has been analysed

Source: REGIO-GIS, based on data from public transport operators, UIC, Eurostat, NSIs, Copernicus Urban Atlas, TomTom, OpenStreetMap





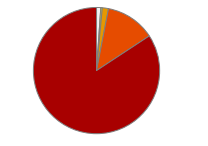
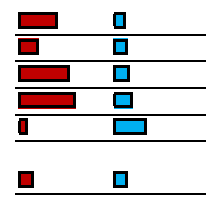
Population	4,034,190 inhabitants
Area	323 km <sup>2</sup>
Density	12,490 inh./km <sup>2</sup>
Weighted density	21,450 inh./km <sup>2</sup>
Median block size	6,333 m <sup>2</sup>

Average slope 2.57 degrees

Typology of public transport service frequencies

no access	1.1%
low	0.4%
medium	1.6%
high	12.7%
very high	84.3%
% of total pop.	

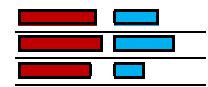
min-max scores  
city group average\*



Access to public transport

Population with public transport stop within 500 m walking (SDG 11.2.1)  
Population with high or very high frequency of departures nearby  
Median number of departures an hour nearby

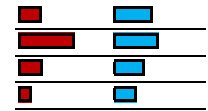
98.4%	of total pop.
96.9%	of total pop.
63.8	dep./hour



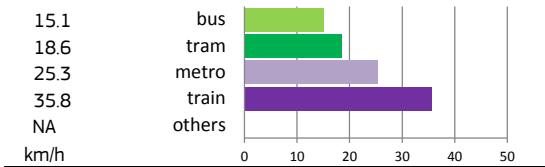
Public transport performance

Population accessible within 30 min./ population within 7.5 km x 100  
Population accessible within 45 min./ population within 11.25 km x 100  
Average straight-line speed of vehicle trips between 6:00 and 20:00  
Vehicle km travelled per inhabitant, between 6:00 and 20:00

21.2
73.4
15.9 km/h
10.7 km/1000 inh.

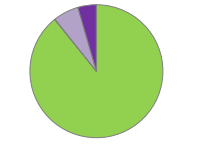


Straight-line speed of vehicle trips by mode



Vehicle km travelled by mode, between 6:00 and 20:00

bus	89.2%
tram	0.1%
metro	6.2%
train	4.5%
others	0.0%
% of total vkm	



Active modes performance

Population accessible within 30 min. walking / population within 2.5 km x 100  
Population accessible within 30 min. cycling / population within 7.5 km x 100

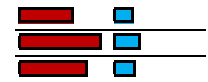
46.4
75.7



Proximity of population

Population within 2.5 km radius  
Population within 7.5 km radius  
Population within 11.25 km radius

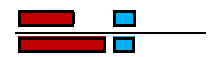
290,646 inhabitants
1,629,009 inhabitants
2,582,052 inhabitants



Accessibility by public transport combined with walking

Population accessible within 30 minutes  
Population accessible within 45 minutes

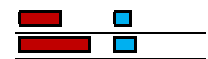
345,492 inhabitants
1,894,020 inhabitants



Walking and cycling accessibility

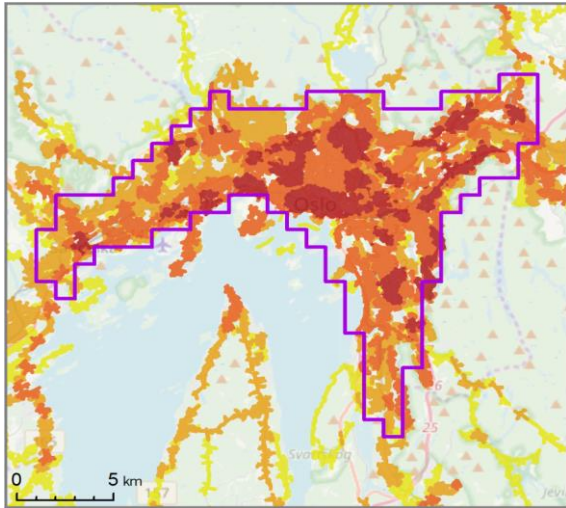
Population accessible within 30 minutes walking  
Population accessible within 30 minutes cycling

134,776 inhabitants
1,233,902 inhabitants



\* group of 42 cities for which transport performance has been analysed

Source: REGIO-GIS, based on data from public transport operators, UIC, Eurostat, NSIs, Copernicus Urban Atlas, TomTom, OpenStreetMap



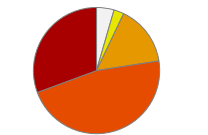
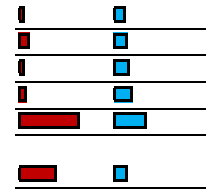
Population	665,714 inhabitants
Area	197 km <sup>2</sup>
Density	3,379 inh./km <sup>2</sup>
Weighted density	5,889 inh./km <sup>2</sup>
Median block size	20,929 m <sup>2</sup>

Average slope 5.08 degrees

Typology of public transport service frequencies

no access	4.5%
low	2.6%
medium	15.5%
high	46.8%
very high	30.6%
% of total pop.	

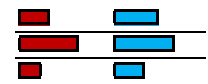
min-max scores  
city group average\*



Access to public transport

Population with public transport stop within 500 m walking (SDG 11.2.1)  
Population with high or very high frequency of departures nearby  
Median number of departures an hour nearby

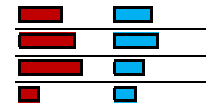
92.0% of total pop.  
77.4% of total pop.  
23.9 dep./hour



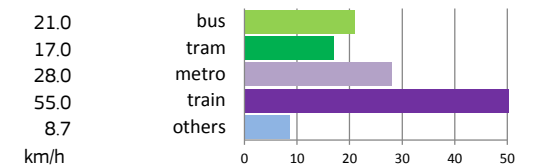
Public transport performance

Population accessible within 30 min./ population within 7.5 km x 100  
Population accessible within 45 min./ population within 11.25 km x 100  
Average straight-line speed of vehicle trips between 6:00 and 20:00  
Vehicle km travelled per inhabitant, between 6:00 and 20:00

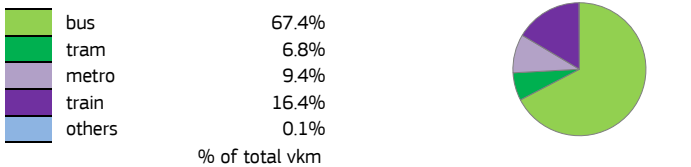
29.9  
74.0  
23.5 km/h  
13.6 km/1000 inh.



Straight-line speed of vehicle trips by mode



Vehicle km travelled by mode, between 6:00 and 20:00



Active modes performance

Population accessible within 30 min. walking / population within 2.5 km x 100  
Population accessible within 30 min. cycling / population within 7.5 km x 100

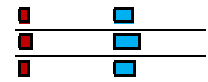
49.7  
71.4



Proximity of population

Population within 2.5 km radius  
Population within 7.5 km radius  
Population within 11.25 km radius

84,969 inhabitants  
346,929 inhabitants  
509,488 inhabitants



Accessibility by public transport combined with walking

Population accessible within 30 minutes  
Population accessible within 45 minutes

103,737 inhabitants  
377,166 inhabitants



Walking and cycling accessibility

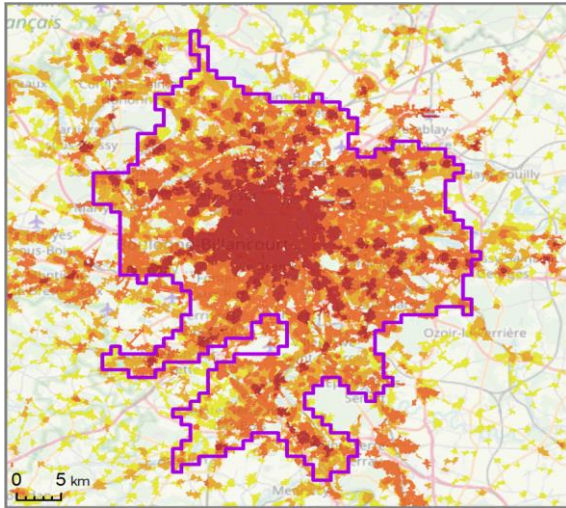
Population accessible within 30 minutes walking  
Population accessible within 30 minutes cycling

42,240 inhabitants  
247,682 inhabitants



\* group of 42 cities for which transport performance has been analysed

Source: REGIO-GIS, based on data from public transport operators, UIC, Eurostat, NSIs, Copernicus Urban Atlas, TomTom, OpenStreetMap



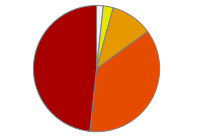
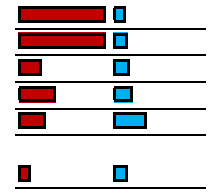
Population	8,900,172 inhabitants
Area	1,298 km <sup>2</sup>
Density	6,857 inh./km <sup>2</sup>
Weighted density	14,982 inh./km <sup>2</sup>
Median block size	11,437 m <sup>2</sup>

Average slope 2.25 degrees

Typology of public transport service frequencies

no access	1.7%
low	2.5%
medium	10.7%
high	36.7%
very high	48.3%
% of total pop.	

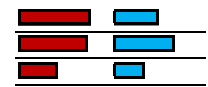
min-max scores  
city group average\*



Access to public transport

Population with public transport stop within 500 m walking (SDG 11.2.1)  
Population with high or very high frequency of departures nearby  
Median number of departures an hour nearby

97.7%	of total pop.
85.0%	of total pop.
36.9	dep./hour



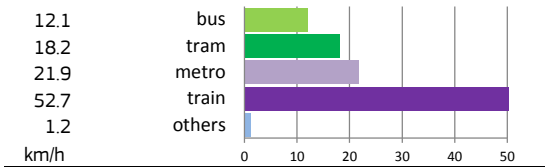
Public transport performance

Population accessible within 30 min./ population within 7.5 km x 100  
Population accessible within 45 min./ population within 11.25 km x 100  
Average straight-line speed of vehicle trips between 6:00 and 20:00  
Vehicle km travelled per inhabitant, between 6:00 and 20:00

18.5	
40.5	
13.4	km/h
11.3	km/1000 inh.

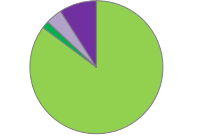


Straight-line speed of vehicle trips by mode



Vehicle km travelled by mode, between 6:00 and 20:00

bus	85.2%
tram	1.8%
metro	4.0%
train	9.1%
others	0.0%
% of total vkm	



Active modes performance

Population accessible within 30 min. walking / population within 2.5 km x 100  
Population accessible within 30 min. cycling / population within 7.5 km x 100

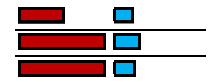
53.0
75.8



Proximity of population

Population within 2.5 km radius  
Population within 7.5 km radius  
Population within 11.25 km radius

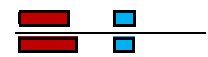
247,254	inhabitants
1,712,592	inhabitants
3,252,647	inhabitants



Accessibility by public transport combined with walking

Population accessible within 30 minutes  
Population accessible within 45 minutes

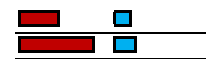
317,218	inhabitants
1,316,608	inhabitants



Walking and cycling accessibility

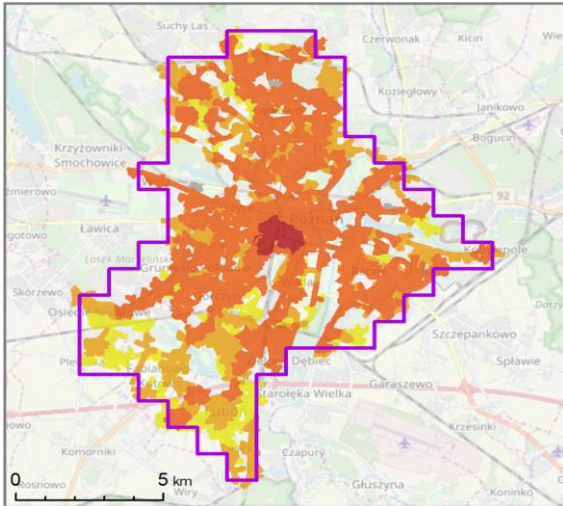
Population accessible within 30 minutes walking  
Population accessible within 30 minutes cycling

130,963	inhabitants
1,298,792	inhabitants



\* group of 42 cities for which transport performance has been analysed

Source: REGIO-GIS, based on data from public transport operators, UIC, Eurostat, NSIs, Copernicus Urban Atlas, TomTom, OpenStreetMap



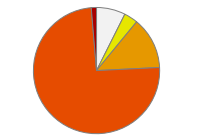
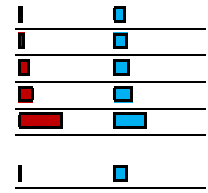
Population	532,166 inhabitants
Area	117 km <sup>2</sup>
Density	4,548 inh./km <sup>2</sup>
Weighted density	8,070 inh./km <sup>2</sup>
Median block size	16,043 m <sup>2</sup>

Average slope 1.26 degrees

Typology of public transport service frequencies

no access	7.4%
low	3.5%
medium	13.3%
high	74.4%
very high	1.3%
% of total pop.	

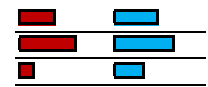
min-max scores  
city group average\*



Access to public transport

Population with public transport stop within 500 m walking (SDG 11.2.1)  
Population with high or very high frequency of departures nearby  
Median number of departures an hour nearby

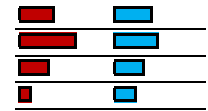
92.9%	of total pop.
75.8%	of total pop.
18.6	dep./hour



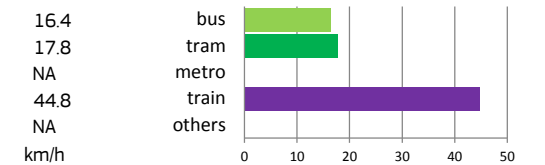
Public transport performance

Population accessible within 30 min./ population within 7.5 km x 100  
Population accessible within 45 min./ population within 11.25 km x 100  
Average straight-line speed of vehicle trips between 6:00 and 20:00  
Vehicle km travelled per inhabitant, between 6:00 and 20:00

26.3
74.8
17.3 km/h
10.6 km/1000 inh.

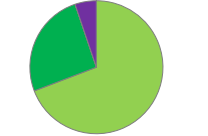


Straight-line speed of vehicle trips by mode



Vehicle km travelled by mode, between 6:00 and 20:00

bus	69.2%
tram	25.6%
metro	0.0%
train	5.2%
others	0.0%
% of total vkm	



Active modes performance

Population accessible within 30 min. walking / population within 2.5 km x 100  
Population accessible within 30 min. cycling / population within 7.5 km x 100

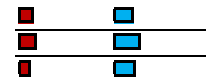
43.0
81.4



Proximity of population

Population within 2.5 km radius  
Population within 7.5 km radius  
Population within 11.25 km radius

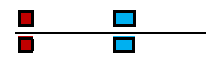
105,668 inhabitants
432,612 inhabitants
519,035 inhabitants



Accessibility by public transport combined with walking

Population accessible within 30 minutes  
Population accessible within 45 minutes

113,823 inhabitants
388,121 inhabitants



Walking and cycling accessibility

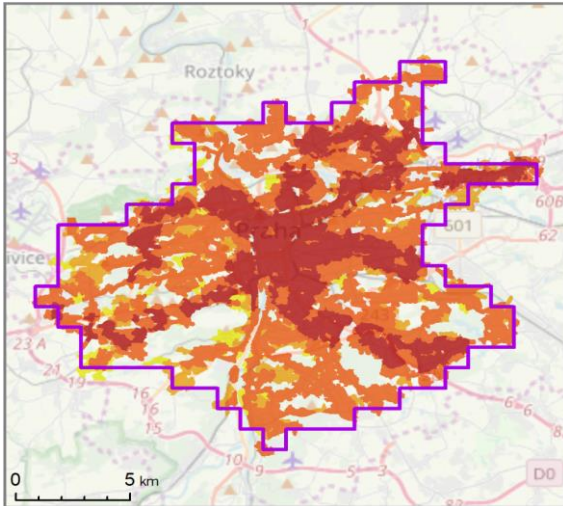
Population accessible within 30 minutes walking  
Population accessible within 30 minutes cycling

45,398 inhabitants
352,319 inhabitants



\* group of 42 cities for which transport performance has been analysed

Source: REGIO-GIS, based on data from public transport operators, UIC, Eurostat, NSIs, Copernicus Urban Atlas, TomTom, OpenStreetMap



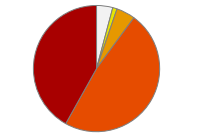
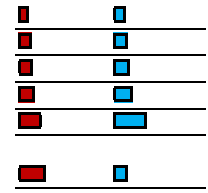
Population	1,127,409 inhabitants
Area	225 km <sup>2</sup>
Density	5,011 inh./km <sup>2</sup>
Weighted density	8,543 inh./km <sup>2</sup>
Median block size	10,159 m <sup>2</sup>

Average slope 3.88 degrees

Typology of public transport service frequencies

no access	4.1%
low	1.1%
medium	4.8%
high	48.0%
very high	41.9%
% of total pop.	

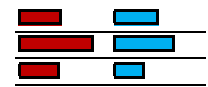
min-max scores  
city group average\*



Access to public transport

Population with public transport stop within 500 m walking (SDG 11.2.1)  
Population with high or very high frequency of departures nearby  
Median number of departures an hour nearby

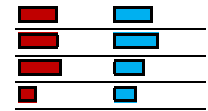
93.7%	of total pop.
89.9%	of total pop.
38.6	dep./hour



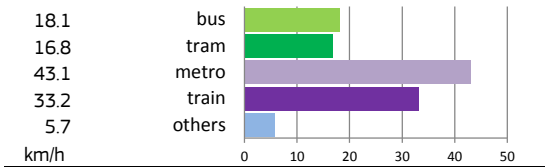
Public transport performance

Population accessible within 30 min./ population within 7.5 km x 100  
Population accessible within 45 min./ population within 11.25 km x 100  
Average straight-line speed of vehicle trips between 6:00 and 20:00  
Vehicle km travelled per inhabitant, between 6:00 and 20:00

27.7	
61.1	
19.6	km/h
12.5	km/1000 inh.



Straight-line speed of vehicle trips by mode



Vehicle km travelled by mode, between 6:00 and 20:00

bus	62.2%
tram	20.4%
metro	10.3%
train	7.0%
others	0.1%
% of total vkm	



Active modes performance

Population accessible within 30 min. walking / population within 2.5 km x 100  
Population accessible within 30 min. cycling / population within 7.5 km x 100

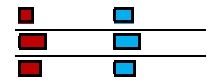
50.1
64.7



Proximity of population

Population within 2.5 km radius  
Population within 7.5 km radius  
Population within 11.25 km radius

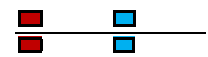
106,150	inhabitants
609,921	inhabitants
937,146	inhabitants



Accessibility by public transport combined with walking

Population accessible within 30 minutes  
Population accessible within 45 minutes

169,105	inhabitants
572,600	inhabitants



Walking and cycling accessibility

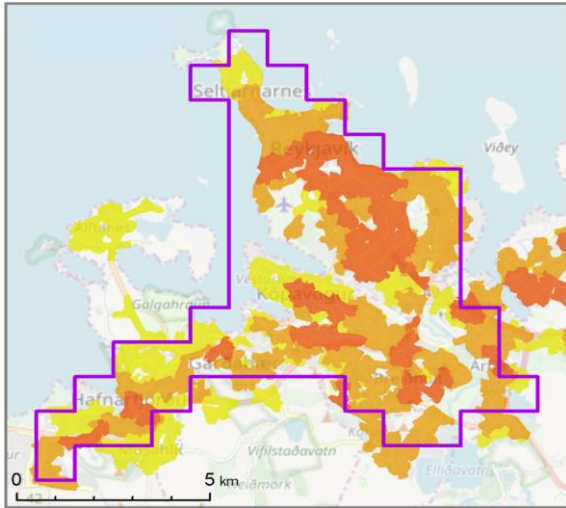
Population accessible within 30 minutes walking  
Population accessible within 30 minutes cycling

53,179	inhabitants
394,450	inhabitants



\* group of 42 cities for which transport performance has been analysed

Source: REGIO-GIS, based on data from public transport operators, UIC, Eurostat, NSIs, Copernicus Urban Atlas, TomTom, OpenStreetMap



Population	150,987 inhabitants
Area	67 km <sup>2</sup>
Density	2,254 inh./km <sup>2</sup>
Weighted density	3,376 inh./km <sup>2</sup>
Median block size	15,921 m <sup>2</sup>

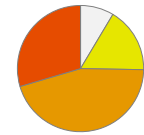
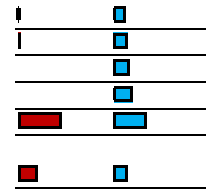
Average slope 3.08 degrees

Typology of public transport service frequencies

no access	8.6%
low	16.7%
medium	45.1%
high	29.6%
very high	0.0%

% of total pop.

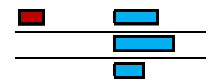
min-max scores  
city group average\*



Access to public transport

Population with public transport stop within 500 m walking (SDG 11.2.1)  
Population with high or very high frequency of departures nearby  
Median number of departures an hour nearby

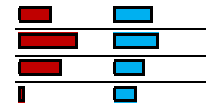
91.4% of total pop.  
29.6% of total pop.  
5.8 dep./hour



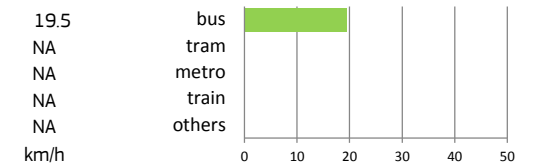
Public transport performance

Population accessible within 30 min./ population within 7.5 km x 100  
Population accessible within 45 min./ population within 11.25 km x 100  
Average straight-line speed of vehicle trips between 6:00 and 20:00  
Vehicle km travelled per inhabitant, between 6:00 and 20:00

25.2  
75.7  
19.5 km/h  
8.3 km/1000 inh.



Straight-line speed of vehicle trips by mode



Vehicle km travelled by mode, between 6:00 and 20:00

bus	100.0%
tram	0.0%
metro	0.0%
train	0.0%
others	0.0%

% of total vkm



Active modes performance

Population accessible within 30 min. walking / population within 2.5 km x 100  
Population accessible within 30 min. cycling / population within 7.5 km x 100

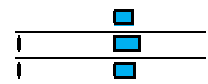
50.1  
78.1



Proximity of population

Population within 2.5 km radius  
Population within 7.5 km radius  
Population within 11.25 km radius

35,283 inhabitants  
115,828 inhabitants  
142,080 inhabitants



Accessibility by public transport combined with walking

Population accessible within 30 minutes  
Population accessible within 45 minutes

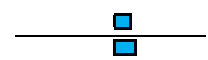
29,193 inhabitants  
107,579 inhabitants



Walking and cycling accessibility

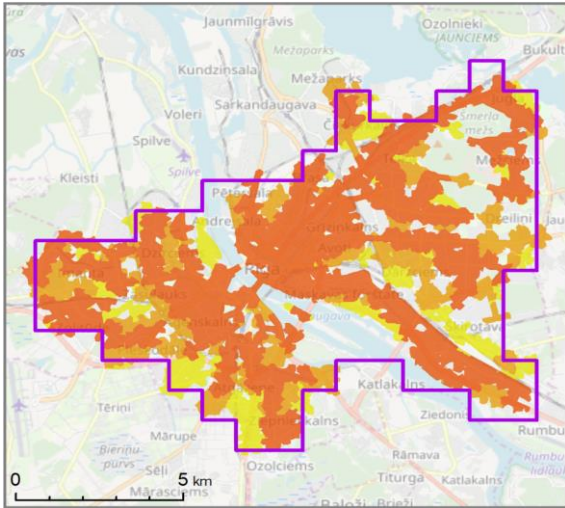
Population accessible within 30 minutes walking  
Population accessible within 30 minutes cycling

17,685 inhabitants  
90,511 inhabitants



\* group of 42 cities for which transport performance has been analysed

Source: REGIO-GIS, based on data from public transport operators, UIC, Eurostat, NSIs, Copernicus Urban Atlas, TomTom, OpenStreetMap



Population	554,223 inhabitants
Area	111 km <sup>2</sup>
Density	4,993 inh./km <sup>2</sup>
Weighted density	8,252 inh./km <sup>2</sup>
Median block size	19,501 m <sup>2</sup>

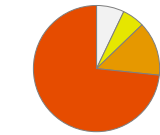
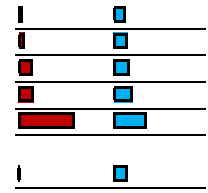
Average slope 1.09 degrees

Typology of public transport service frequencies

no access	7.1%
low	5.7%
medium	13.9%
high	73.3%
very high	0.0%

% of total pop.

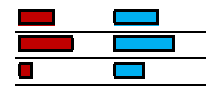
min-max scores  
city group average\*



Access to public transport

Population with public transport stop within 500 m walking (SDG 11.2.1)  
Population with high or very high frequency of departures nearby  
Median number of departures an hour nearby

92.7% of total pop.  
73.3% of total pop.  
16.7 dep./hour



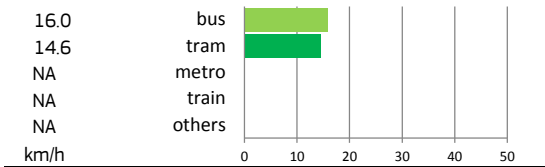
Public transport performance

Population accessible within 30 min./ population within 7.5 km x 100  
Population accessible within 45 min./ population within 11.25 km x 100  
Average straight-line speed of vehicle trips between 6:00 and 20:00  
Vehicle km travelled per inhabitant, between 6:00 and 20:00

27.2  
50.8  
15.8 km/h  
11.4 km/1000 inh.



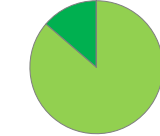
Straight-line speed of vehicle trips by mode



Vehicle km travelled by mode, between 6:00 and 20:00

bus	86.3%
tram	13.7%
metro	0.0%
train	0.0%
others	0.0%

% of total vkm



Active modes performance

Population accessible within 30 min. walking / population within 2.5 km x 100  
Population accessible within 30 min. cycling / population within 7.5 km x 100

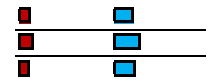
54.9  
77.6



Proximity of population

Population within 2.5 km radius  
Population within 7.5 km radius  
Population within 11.25 km radius

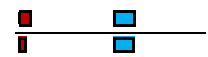
89,430 inhabitants  
374,503 inhabitants  
501,687 inhabitants



Accessibility by public transport combined with walking

Population accessible within 30 minutes  
Population accessible within 45 minutes

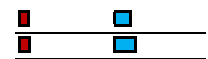
101,836 inhabitants  
255,040 inhabitants



Walking and cycling accessibility

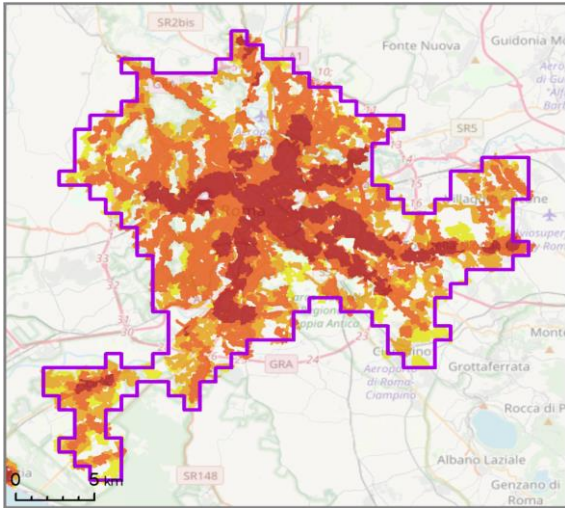
Population accessible within 30 minutes walking  
Population accessible within 30 minutes cycling

49,092 inhabitants  
290,520 inhabitants



\* group of 42 cities for which transport performance has been analysed

Source: REGIO-GIS, based on data from public transport operators, UIC, Eurostat, NSIs, Copernicus Urban Atlas, TomTom, OpenStreetMap



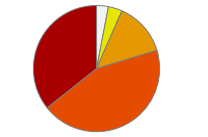
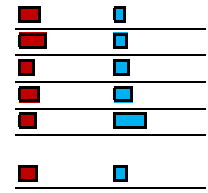
Population	2,346,988 inhabitants
Area	432 km <sup>2</sup>
Density	5,433 inh./km <sup>2</sup>
Weighted density	9,911 inh./km <sup>2</sup>
Median block size	8,826 m <sup>2</sup>

Average slope 3.07 degrees

Typology of public transport service frequencies

no access	3.0%
low	3.6%
medium	13.7%
high	44.0%
very high	35.7%
% of total pop.	

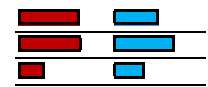
min-max scores  
city group average\*



Access to public transport

Population with public transport stop within 500 m walking (SDG 11.2.1)  
Population with high or very high frequency of departures nearby  
Median number of departures an hour nearby

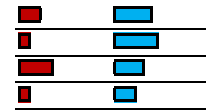
96.1% of total pop.  
79.7% of total pop.  
27.1 dep./hour



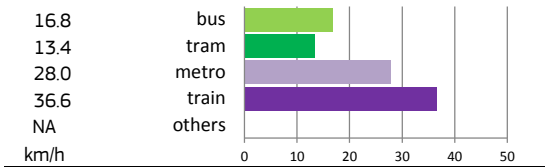
Public transport performance

Population accessible within 30 min./ population within 7.5 km x 100  
Population accessible within 45 min./ population within 11.25 km x 100  
Average straight-line speed of vehicle trips between 6:00 and 20:00  
Vehicle km travelled per inhabitant, between 6:00 and 20:00

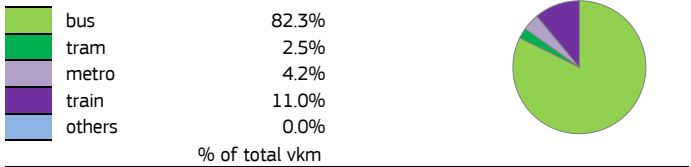
21.0  
40.4  
18.1 km/h  
10.3 km/1000 inh.



Straight-line speed of vehicle trips by mode



Vehicle km travelled by mode, between 6:00 and 20:00



Active modes performance

Population accessible within 30 min. walking / population within 2.5 km x 100  
Population accessible within 30 min. cycling / population within 7.5 km x 100

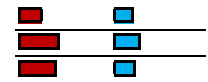
47.6  
68.6



Proximity of population

Population within 2.5 km radius  
Population within 7.5 km radius  
Population within 11.25 km radius

143,633 inhabitants  
860,560 inhabitants  
1,481,916 inhabitants



Accessibility by public transport combined with walking

Population accessible within 30 minutes  
Population accessible within 45 minutes

180,571 inhabitants  
598,636 inhabitants



Walking and cycling accessibility

Population accessible within 30 minutes walking  
Population accessible within 30 minutes cycling

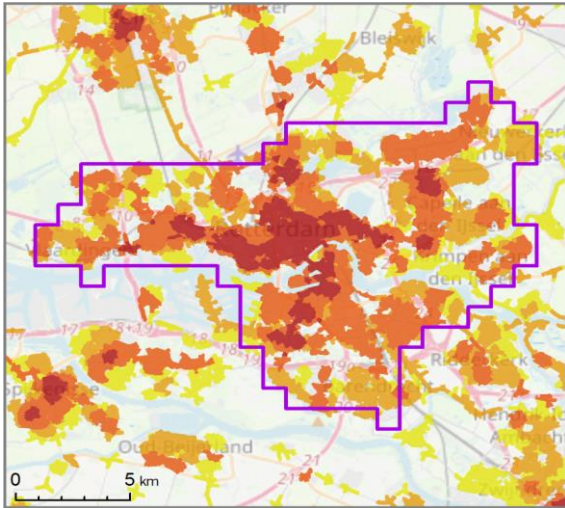
68,389 inhabitants  
590,133 inhabitants



\* group of 42 cities for which transport performance has been analysed

Source: REGIO-GIS, based on data from public transport operators, UIC, Eurostat, NSIs, Copernicus Urban Atlas, TomTom, OpenStreetMap





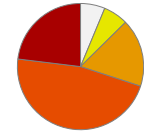
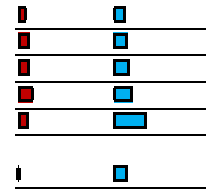
Population	860,395 inhabitants
Area	190 km <sup>2</sup>
Density	4,528 inh./km <sup>2</sup>
Weighted density	8,015 inh./km <sup>2</sup>
Median block size	6,756 m <sup>2</sup>

Average slope 0.98 degrees

Typology of public transport service frequencies

no access	6.3%
low	6.3%
medium	17.4%
high	46.9%
very high	23.1%
% of total pop.	

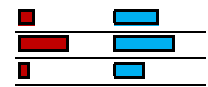
min-max scores  
city group average\*



Access to public transport

Population with public transport stop within 500 m walking (SDG 11.2.1)  
Population with high or very high frequency of departures nearby  
Median number of departures an hour nearby

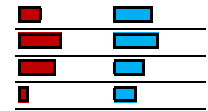
90.0% of total pop.  
70.0% of total pop.  
15.1 dep./hour



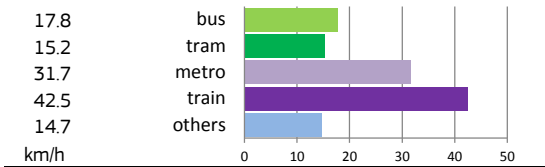
Public transport performance

Population accessible within 30 min./ population within 7.5 km x 100  
Population accessible within 45 min./ population within 11.25 km x 100  
Average straight-line speed of vehicle trips between 6:00 and 20:00  
Vehicle km travelled per inhabitant, between 6:00 and 20:00

21.0  
64.0  
18.5 km/h  
9.8 km/1000 inh.

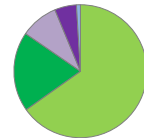


Straight-line speed of vehicle trips by mode



Vehicle km travelled by mode, between 6:00 and 20:00

bus	65.2%
tram	19.4%
metro	9.2%
train	5.3%
others	0.9%
% of total vkm	



Active modes performance

Population accessible within 30 min. walking / population within 2.5 km x 100  
Population accessible within 30 min. cycling / population within 7.5 km x 100

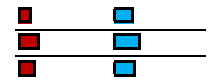
53.5  
70.0



Proximity of population

Population within 2.5 km radius  
Population within 7.5 km radius  
Population within 11.25 km radius

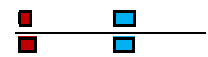
95,670 inhabitants  
488,494 inhabitants  
733,416 inhabitants



Accessibility by public transport combined with walking

Population accessible within 30 minutes  
Population accessible within 45 minutes

102,357 inhabitants  
469,750 inhabitants



Walking and cycling accessibility

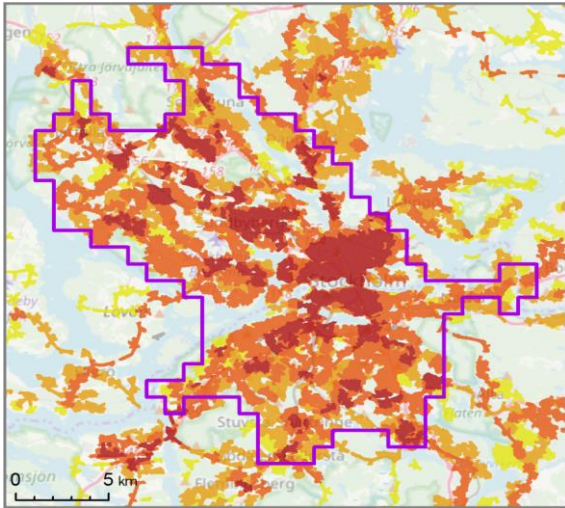
Population accessible within 30 minutes walking  
Population accessible within 30 minutes cycling

51,147 inhabitants  
341,934 inhabitants



\* group of 42 cities for which transport performance has been analysed

Source: REGIO-GIS, based on data from public transport operators, UIC, Eurostat, NSIs, Copernicus Urban Atlas, TomTom, OpenStreetMap



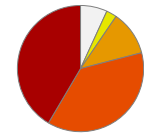
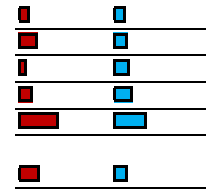
Population	1,182,030 inhabitants
Area	307 km <sup>2</sup>
Density	3,850 inh./km <sup>2</sup>
Weighted density	7,927 inh./km <sup>2</sup>
Median block size	14,942 m <sup>2</sup>

Average slope 3.22 degrees

Typology of public transport service frequencies

no access	6.8%
low	2.7%
medium	11.4%
high	37.5%
very high	41.5%
% of total pop.	

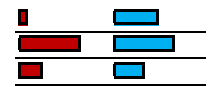
min-max scores  
city group average\*



Access to public transport

Population with public transport stop within 500 m walking (SDG 11.2.1)  
Population with high or very high frequency of departures nearby  
Median number of departures an hour nearby

89.1%	of total pop.
79.0%	of total pop.
25.0	dep./hour



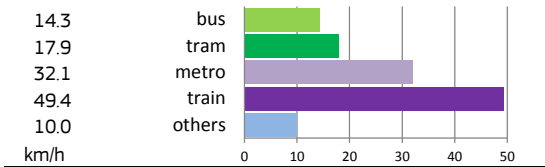
Public transport performance

Population accessible within 30 min./ population within 7.5 km x 100  
Population accessible within 45 min./ population within 11.25 km x 100  
Average straight-line speed of vehicle trips between 6:00 and 20:00  
Vehicle km travelled per inhabitant, between 6:00 and 20:00

21.4
49.3
15.6 km/h
13.9 km/1000 inh.

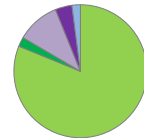


Straight-line speed of vehicle trips by mode



Vehicle km travelled by mode, between 6:00 and 20:00

81.2%	bus
2.3%	tram
10.5%	metro
4.1%	train
2.0%	others
% of total vkm	



Active modes performance

Population accessible within 30 min. walking / population within 2.5 km x 100  
Population accessible within 30 min. cycling / population within 7.5 km x 100

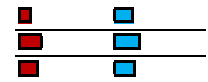
47.7
63.4



Proximity of population

Population within 2.5 km radius  
Population within 7.5 km radius  
Population within 11.25 km radius

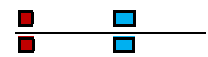
97,205 inhabitants
529,801 inhabitants
828,776 inhabitants



Accessibility by public transport combined with walking

Population accessible within 30 minutes  
Population accessible within 45 minutes

113,500 inhabitants
408,201 inhabitants



Walking and cycling accessibility

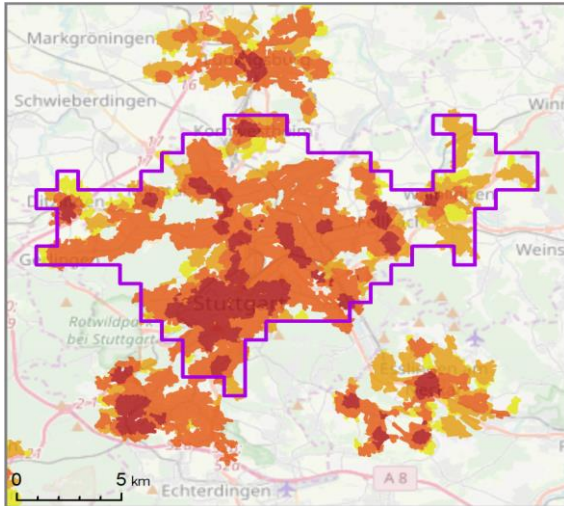
Population accessible within 30 minutes walking  
Population accessible within 30 minutes cycling

46,379 inhabitants
335,819 inhabitants



\* group of 42 cities for which transport performance has been analysed

Source: REGIO-GIS, based on data from public transport operators, UIC, Eurostat, NSIs, Copernicus Urban Atlas, TomTom, OpenStreetMap



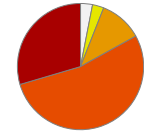
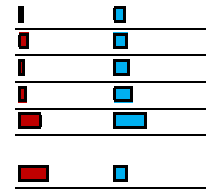
Population	600,853 inhabitants
Area	172 km <sup>2</sup>
Density	3,493 inh./km <sup>2</sup>
Weighted density	6,076 inh./km <sup>2</sup>
Median block size	10,166 m <sup>2</sup>

Average slope 4.25 degrees

Typology of public transport service frequencies

no access	3.1%
low	2.9%
medium	11.0%
high	53.4%
very high	29.6%
% of total pop.	

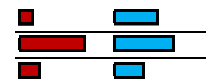
min-max scores  
city group average\*



Access to public transport

Population with public transport stop within 500 m walking (SDG 11.2.1)  
Population with high or very high frequency of departures nearby  
Median number of departures an hour nearby

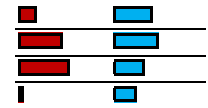
89.9%	of total pop.
83.0%	of total pop.
23.7	dep./hour



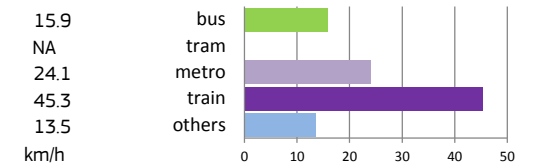
Public transport performance

Population accessible within 30 min./ population within 7.5 km x 100  
Population accessible within 45 min./ population within 11.25 km x 100  
Average straight-line speed of vehicle trips between 6:00 and 20:00  
Vehicle km travelled per inhabitant, between 6:00 and 20:00

19.2	
64.4	
21.1	km/h
7.9	km/1000 inh.

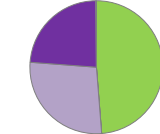


Straight-line speed of vehicle trips by mode



Vehicle km travelled by mode, between 6:00 and 20:00

bus	48.7%
tram	0.0%
metro	27.4%
train	23.7%
others	0.1%
% of total vkm	



Active modes performance

Population accessible within 30 min. walking / population within 2.5 km x 100  
Population accessible within 30 min. cycling / population within 7.5 km x 100

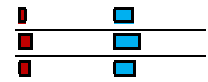
51.2
68.5



Proximity of population

Population within 2.5 km radius  
Population within 7.5 km radius  
Population within 11.25 km radius

71,235	inhabitants
360,154	inhabitants
521,299	inhabitants



Accessibility by public transport combined with walking

Population accessible within 30 minutes  
Population accessible within 45 minutes

69,200	inhabitants
335,719	inhabitants



Walking and cycling accessibility

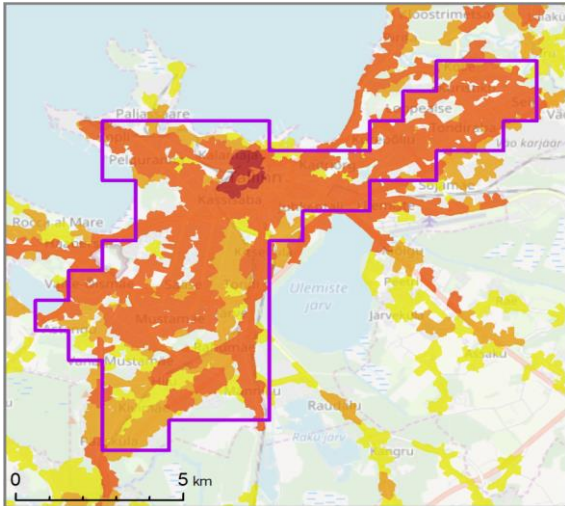
Population accessible within 30 minutes walking  
Population accessible within 30 minutes cycling

36,478	inhabitants
246,819	inhabitants



\* group of 42 cities for which transport performance has been analysed

Source: REGIO-GIS, based on data from public transport operators, UIC, Eurostat, NSIs, Copernicus Urban Atlas, TomTom, OpenStreetMap



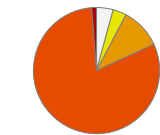
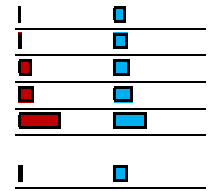
Population	353,458 inhabitants
Area	74 km <sup>2</sup>
Density	4,776 inh./km <sup>2</sup>
Weighted density	8,184 inh./km <sup>2</sup>
Median block size	15,490 m <sup>2</sup>

Average slope 1.40 degrees

Typology of public transport service frequencies

no access	4.3%
low	3.5%
medium	10.4%
high	80.6%
very high	1.2%
% of total pop.	

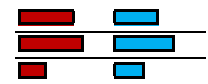
min-max scores  
city group average\*



Access to public transport

Population with public transport stop within 500 m walking (SDG 11.2.1)  
Population with high or very high frequency of departures nearby  
Median number of departures an hour nearby

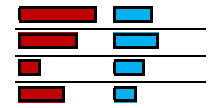
95.4% of total pop.  
81.8% of total pop.  
28.3 dep./hour



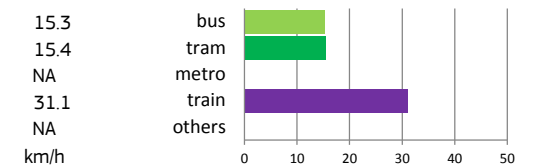
Public transport performance

Population accessible within 30 min./ population within 7.5 km x 100  
Population accessible within 45 min./ population within 11.25 km x 100  
Average straight-line speed of vehicle trips between 6:00 and 20:00  
Vehicle km travelled per inhabitant, between 6:00 and 20:00

43.7  
76.1  
15.6 km/h  
22.4 km/1000 inh.

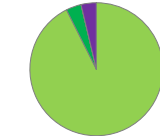


Straight-line speed of vehicle trips by mode



Vehicle km travelled by mode, between 6:00 and 20:00

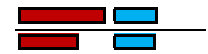
bus	92.6%
tram	3.7%
metro	0.0%
train	3.7%
others	0.0%
% of total vkm	



Active modes performance

Population accessible within 30 min. walking / population within 2.5 km x 100  
Population accessible within 30 min. cycling / population within 7.5 km x 100

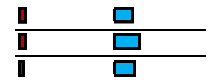
60.8  
86.2



Proximity of population

Population within 2.5 km radius  
Population within 7.5 km radius  
Population within 11.25 km radius

74,544 inhabitants  
240,481 inhabitants  
317,651 inhabitants



Accessibility by public transport combined with walking

Population accessible within 30 minutes  
Population accessible within 45 minutes

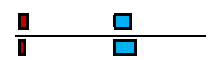
104,975 inhabitants  
241,618 inhabitants



Walking and cycling accessibility

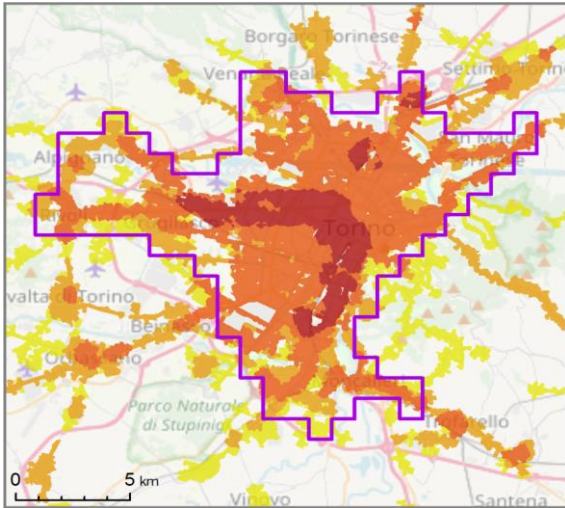
Population accessible within 30 minutes walking  
Population accessible within 30 minutes cycling

45,307 inhabitants  
207,266 inhabitants



\* group of 42 cities for which transport performance has been analysed

Source: REGIO-GIS, based on data from public transport operators, UIC, Eurostat, NSIs, Copernicus Urban Atlas, TomTom, OpenStreetMap



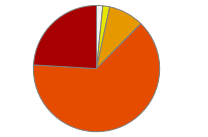
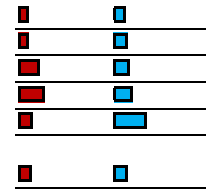
Population	1,154,309 inhabitants
Area	176 km <sup>2</sup>
Density	6,559 inh./km <sup>2</sup>
Weighted density	11,632 inh./km <sup>2</sup>
Median block size	7,829 m <sup>2</sup>

Average slope 2.38 degrees

Typology of public transport service frequencies

no access	1.6%
low	1.8%
medium	9.0%
high	63.5%
very high	24.1%
% of total pop.	

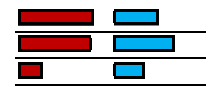
min-max scores  
city group average\*



Access to public transport

Population with public transport stop within 500 m walking (SDG 11.2.1)  
Population with high or very high frequency of departures nearby  
Median number of departures an hour nearby

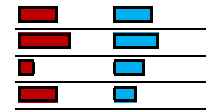
98.0%	of total pop.
87.6%	of total pop.
25.2	dep./hour



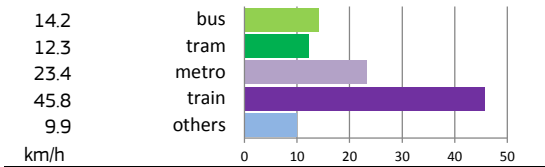
Public transport performance

Population accessible within 30 min./ population within 7.5 km x 100  
Population accessible within 45 min./ population within 11.25 km x 100  
Average straight-line speed of vehicle trips between 6:00 and 20:00  
Vehicle km travelled per inhabitant, between 6:00 and 20:00

27.6	
70.5	
14.4	km/h
20.0	km/1000 inh.

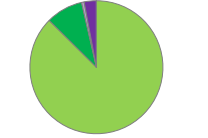


Straight-line speed of vehicle trips by mode



Vehicle km travelled by mode, between 6:00 and 20:00

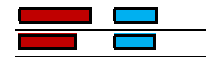
bus	87.4%
tram	9.0%
metro	0.6%
train	2.9%
others	0.0%
% of total vkm	



Active modes performance

Population accessible within 30 min. walking / population within 2.5 km x 100  
Population accessible within 30 min. cycling / population within 7.5 km x 100

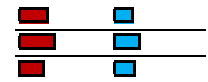
57.8
85.5



Proximity of population

Population within 2.5 km radius  
Population within 7.5 km radius  
Population within 11.25 km radius

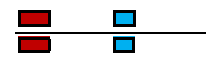
172,202	inhabitants
774,494	inhabitants
1,048,644	inhabitants



Accessibility by public transport combined with walking

Population accessible within 30 minutes  
Population accessible within 45 minutes

214,024	inhabitants
739,217	inhabitants



Walking and cycling accessibility

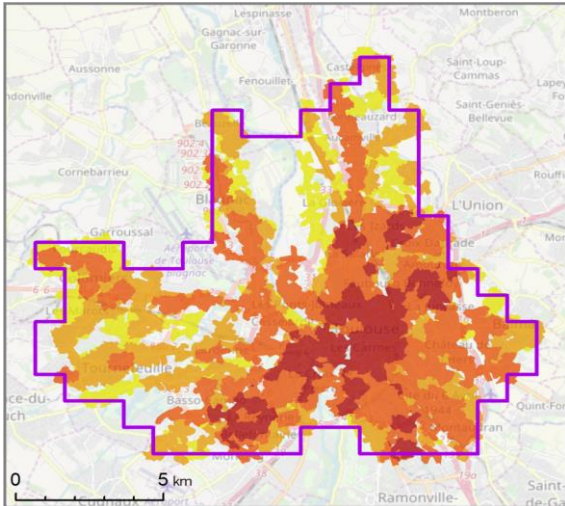
Population accessible within 30 minutes walking  
Population accessible within 30 minutes cycling

99,572	inhabitants
662,450	inhabitants



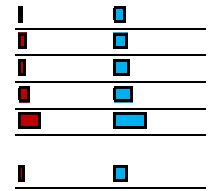
\* group of 42 cities for which transport performance has been analysed

Source: REGIO-GIS, based on data from public transport operators, UIC, Eurostat, NSIs, Copernicus Urban Atlas, TomTom, OpenStreetMap



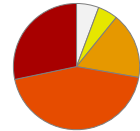
Population	540,873 inhabitants
Area	148 km <sup>2</sup>
Density	3,655 inh./km <sup>2</sup>
Weighted density	6,856 inh./km <sup>2</sup>
Median block size	10,102 m <sup>2</sup>
Average slope	1.59 degrees

min-max scores	
city	group average*



Typology of public transport service frequencies

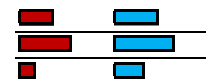
no access	5.7%
low	5.1%
medium	16.9%
high	44.0%
very high	28.3%
% of total pop.	



Access to public transport

Population with public transport stop within 500 m walking (SDG 11.2.1)  
 Population with high or very high frequency of departures nearby  
 Median number of departures an hour nearby

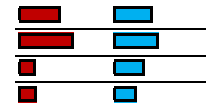
92.5%	of total pop.
72.2%	of total pop.
19.5	dep./hour



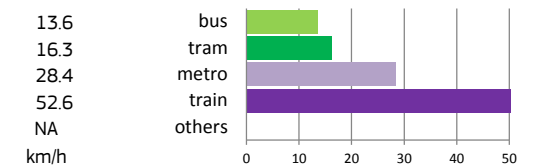
Public transport performance

Population accessible within 30 min./ population within 7.5 km x 100  
 Population accessible within 45 min./ population within 11.25 km x 100  
 Average straight-line speed of vehicle trips between 6:00 and 20:00  
 Vehicle km travelled per inhabitant, between 6:00 and 20:00

28.9
72.9
14.6 km/h
12.5 km/1000 inh.



Straight-line speed of vehicle trips by mode



Vehicle km travelled by mode, between 6:00 and 20:00

bus	85.1%
tram	4.0%
metro	6.4%
train	4.5%
others	0.0%
% of total vkm	



Active modes performance

Population accessible within 30 min. walking / population within 2.5 km x 100  
 Population accessible within 30 min. cycling / population within 7.5 km x 100

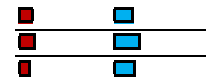
50.4
81.9



Proximity of population

Population within 2.5 km radius  
 Population within 7.5 km radius  
 Population within 11.25 km radius

102,319 inhabitants
406,706 inhabitants
515,865 inhabitants



Accessibility by public transport combined with walking

Population accessible within 30 minutes  
 Population accessible within 45 minutes

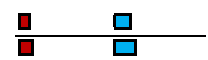
117,473 inhabitants
375,934 inhabitants



Walking and cycling accessibility

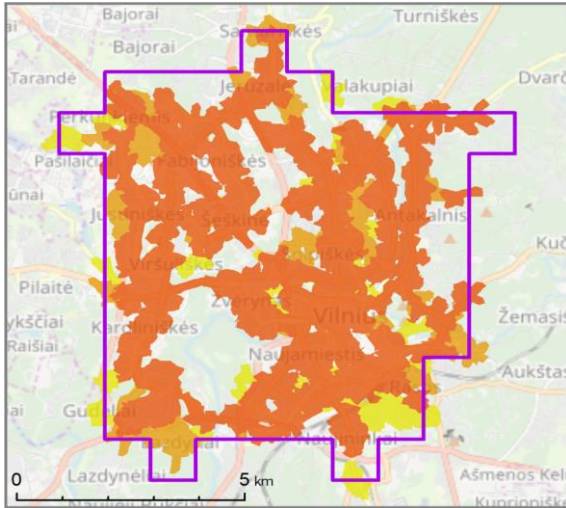
Population accessible within 30 minutes walking  
 Population accessible within 30 minutes cycling

51,579 inhabitants
332,990 inhabitants



\* group of 42 cities for which transport performance has been analysed

Source: REGIO-GIS, based on data from public transport operators, UIC, Eurostat, NSIs, Copernicus Urban Atlas, TomTom, OpenStreetMap



Population	408,266 inhabitants
Area	72 km <sup>2</sup>
Density	5,670 inh./km <sup>2</sup>
Weighted density	8,677 inh./km <sup>2</sup>
Median block size	28,205 m <sup>2</sup>

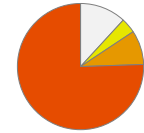
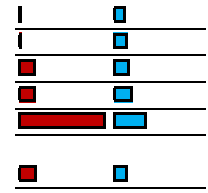
Average slope 2.87 degrees

Typology of public transport service frequencies

no access	11.8%
low	3.9%
medium	8.8%
high	75.5%
very high	0.0%

% of total pop.

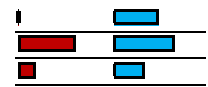
min-max scores  
city group average\*



Access to public transport

Population with public transport stop within 500 m walking (SDG 11.2.1)  
Population with high or very high frequency of departures nearby  
Median number of departures an hour nearby

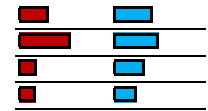
87.9%	of total pop.
75.5%	of total pop.
19.9	dep./hour



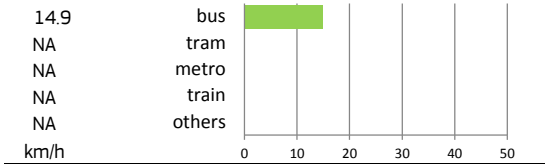
Public transport performance

Population accessible within 30 min./ population within 7.5 km x 100  
Population accessible within 45 min./ population within 11.25 km x 100  
Average straight-line speed of vehicle trips between 6:00 and 20:00  
Vehicle km travelled per inhabitant, between 6:00 and 20:00

23.9	
70.2	
14.9	km/h
12.0	km/1000 inh.



Straight-line speed of vehicle trips by mode



Vehicle km travelled by mode, between 6:00 and 20:00

100.0%	bus
0.0%	tram
0.0%	metro
0.0%	train
0.0%	others

% of total vkm



Active modes performance

Population accessible within 30 min. walking / population within 2.5 km x 100  
Population accessible within 30 min. cycling / population within 7.5 km x 100

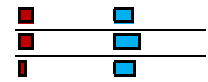
48.8
79.8



Proximity of population

Population within 2.5 km radius  
Population within 7.5 km radius  
Population within 11.25 km radius

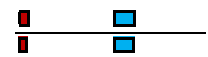
104,334	inhabitants
378,148	inhabitants
397,981	inhabitants



Accessibility by public transport combined with walking

Population accessible within 30 minutes  
Population accessible within 45 minutes

90,384	inhabitants
279,445	inhabitants



Walking and cycling accessibility

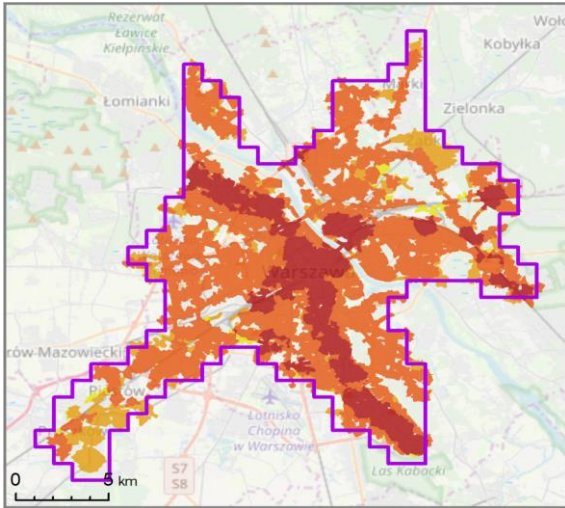
Population accessible within 30 minutes walking  
Population accessible within 30 minutes cycling

50,964	inhabitants
301,894	inhabitants



\* group of 42 cities for which transport performance has been analysed

Source: REGIO-GIS, based on data from public transport operators, UIC, Eurostat, NSIs, Copernicus Urban Atlas, TomTom, OpenStreetMap



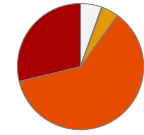
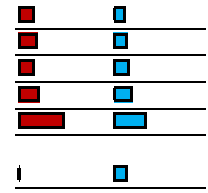
Population	1,722,513 inhabitants
Area	309 km <sup>2</sup>
Density	5,574 inh./km <sup>2</sup>
Weighted density	10,048 inh./km <sup>2</sup>
Median block size	16,761 m <sup>2</sup>

Average slope 1.04 degrees

Typology of public transport service frequencies

no access	5.4%
low	0.2%
medium	4.3%
high	61.3%
very high	28.8%
% of total pop.	

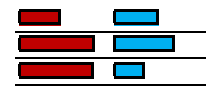
min-max scores  
city group average\*



Access to public transport

Population with public transport stop within 500 m walking (SDG 11.2.1)  
Population with high or very high frequency of departures nearby  
Median number of departures an hour nearby

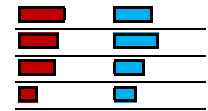
93.5% of total pop.  
90.1% of total pop.  
65.7 dep./hour



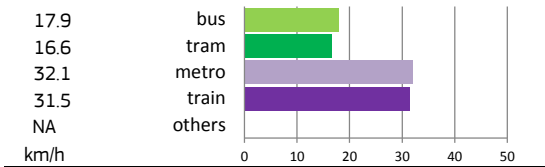
Public transport performance

Population accessible within 30 min./ population within 7.5 km x 100  
Population accessible within 45 min./ population within 11.25 km x 100  
Average straight-line speed of vehicle trips between 6:00 and 20:00  
Vehicle km travelled per inhabitant, between 6:00 and 20:00

30.9  
61.7  
18.4 km/h  
12.9 km/1000 inh.

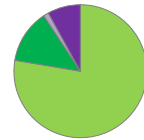


Straight-line speed of vehicle trips by mode



Vehicle km travelled by mode, between 6:00 and 20:00

bus	77.7%
tram	13.1%
metro	1.3%
train	8.0%
others	0.0%
% of total vkm	



Active modes performance

Population accessible within 30 min. walking / population within 2.5 km x 100  
Population accessible within 30 min. cycling / population within 7.5 km x 100

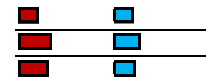
49.0  
70.4



Proximity of population

Population within 2.5 km radius  
Population within 7.5 km radius  
Population within 11.25 km radius

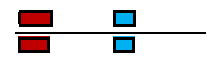
127,782 inhabitants  
716,015 inhabitants  
1,184,920 inhabitants



Accessibility by public transport combined with walking

Population accessible within 30 minutes  
Population accessible within 45 minutes

221,285 inhabitants  
730,874 inhabitants



Walking and cycling accessibility

Population accessible within 30 minutes walking  
Population accessible within 30 minutes cycling

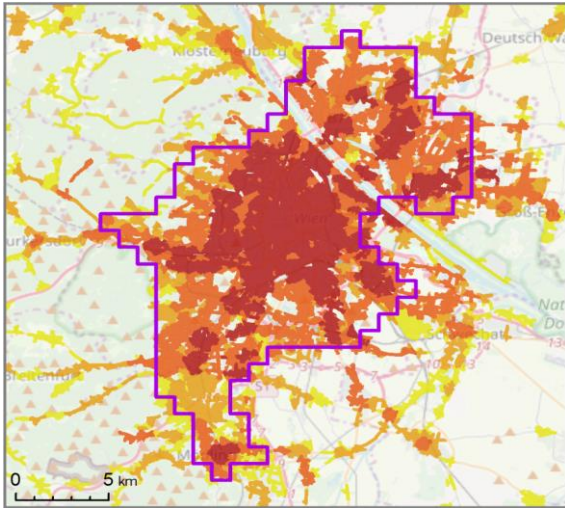
62,669 inhabitants  
504,292 inhabitants



\* group of 42 cities for which transport performance has been analysed

Source: REGIO-GIS, based on data from public transport operators, UIC, Eurostat, NSIs, Copernicus Urban Atlas, TomTom, OpenStreetMap





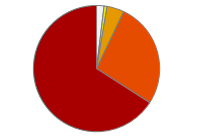
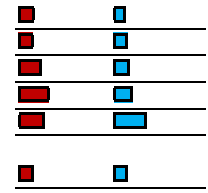
Population	1,686,261 inhabitants
Area	244 km <sup>2</sup>
Density	6,911 inh./km <sup>2</sup>
Weighted density	13,030 inh./km <sup>2</sup>
Median block size	11,083 m <sup>2</sup>

Average slope 2.59 degrees

Typology of public transport service frequencies

no access	1.9%
low	0.8%
medium	4.4%
high	27.0%
very high	65.9%
% of total pop.	

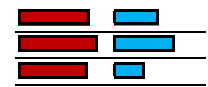
min-max scores  
city group average\*



Access to public transport

Population with public transport stop within 500 m walking (SDG 11.2.1)  
Population with high or very high frequency of departures nearby  
Median number of departures an hour nearby

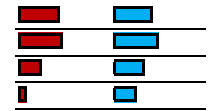
97.5% of total pop.  
92.9% of total pop.  
60.9 dep./hour



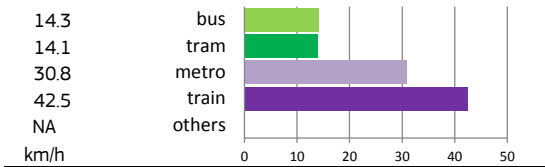
Public transport performance

Population accessible within 30 min./ population within 7.5 km x 100  
Population accessible within 45 min./ population within 11.25 km x 100  
Average straight-line speed of vehicle trips between 6:00 and 20:00  
Vehicle km travelled per inhabitant, between 6:00 and 20:00

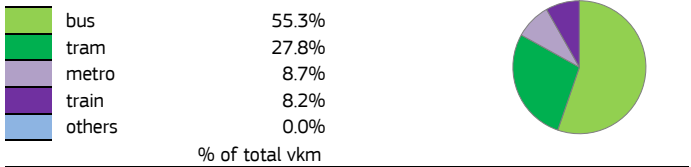
28.7  
64.3  
15.8 km/h  
9.0 km/1000 inh.



Straight-line speed of vehicle trips by mode



Vehicle km travelled by mode, between 6:00 and 20:00



Active modes performance

Population accessible within 30 min. walking / population within 2.5 km x 100  
Population accessible within 30 min. cycling / population within 7.5 km x 100

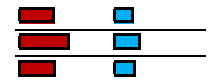
53.0  
79.2



Proximity of population

Population within 2.5 km radius  
Population within 7.5 km radius  
Population within 11.25 km radius

199,822 inhabitants  
1,034,352 inhabitants  
1,447,035 inhabitants



Accessibility by public transport combined with walking

Population accessible within 30 minutes  
Population accessible within 45 minutes

296,851 inhabitants  
931,047 inhabitants



Walking and cycling accessibility

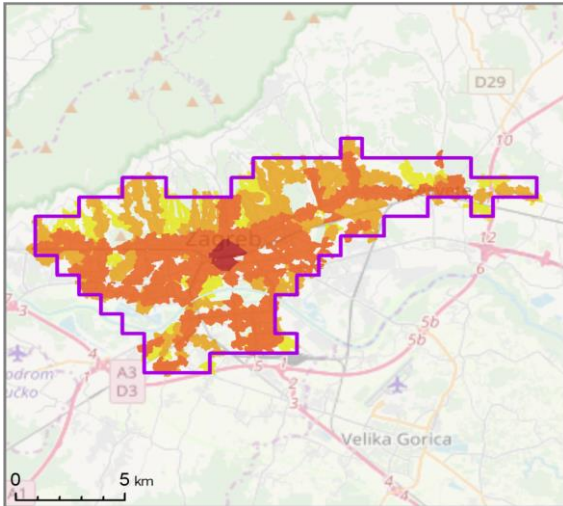
Population accessible within 30 minutes walking  
Population accessible within 30 minutes cycling

105,945 inhabitants  
818,887 inhabitants



\* group of 42 cities for which transport performance has been analysed

Source: REGIO-GIS, based on data from public transport operators, UIC, Eurostat, NSIs, Copernicus Urban Atlas, TomTom, OpenStreetMap



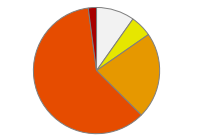
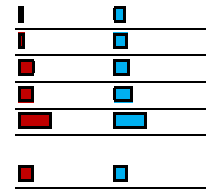
Population	648,276 inhabitants
Area	121 km <sup>2</sup>
Density	5,358 inh./km <sup>2</sup>
Weighted density	8,223 inh./km <sup>2</sup>
Median block size	13,069 m <sup>2</sup>

Average slope 2.59 degrees

Typology of public transport service frequencies

no access	9.8%
low	5.6%
medium	22.1%
high	60.4%
very high	2.1%
% of total pop.	

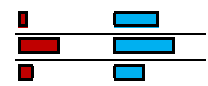
min-max scores  
city group average\*



Access to public transport

Population with public transport stop within 500 m walking (SDG 11.2.1)  
Population with high or very high frequency of departures nearby  
Median number of departures an hour nearby

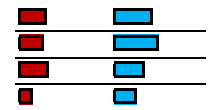
89.1%	of total pop.
62.5%	of total pop.
17.5	dep./hour



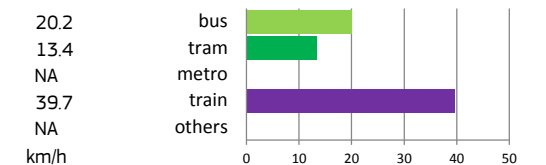
Public transport performance

Population accessible within 30 min./ population within 7.5 km x 100  
Population accessible within 45 min./ population within 11.25 km x 100  
Average straight-line speed of vehicle trips between 6:00 and 20:00  
Vehicle km travelled per inhabitant, between 6:00 and 20:00

23.3	
50.0	
17.1	km/h
10.9	km/1000 inh.

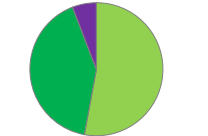


Straight-line speed of vehicle trips by mode



Vehicle km travelled by mode, between 6:00 and 20:00

bus	52.9%
tram	41.3%
metro	0.0%
train	5.8%
others	0.0%
% of total vkm	



Active modes performance

Population accessible within 30 min. walking / population within 2.5 km x 100  
Population accessible within 30 min. cycling / population within 7.5 km x 100

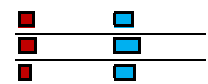
50.8
80.6



Proximity of population

Population within 2.5 km radius  
Population within 7.5 km radius  
Population within 11.25 km radius

108,348	inhabitants
437,957	inhabitants
572,316	inhabitants



Accessibility by public transport combined with walking

Population accessible within 30 minutes  
Population accessible within 45 minutes

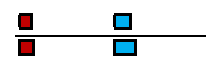
102,183	inhabitants
286,407	inhabitants



Walking and cycling accessibility

Population accessible within 30 minutes walking  
Population accessible within 30 minutes cycling

55,035	inhabitants
353,091	inhabitants



\* group of 42 cities for which transport performance has been analysed

Source: REGIO-GIS, based on data from public transport operators, UIC, Eurostat, NSIs, Copernicus Urban Atlas, TomTom, OpenStreetMap