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Accessibility Evaluation of Transitways in  
the Twin Cities Metropolitan Region

Final Report

Andrew Owen  
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University of Minnesota

CTS 20-06

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# **Accessibility Evaluation of Transitways in the Twin Cities Metropolitan Region**

Prepared for the Metropolitan Council by the  
**Accessibility Observatory at the University of Minnesota**



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# 1 Executive Summary

This report presents the results of a transit accessibility analysis for five transitway scenarios within the Metropolitan Council's jurisdiction. The details of the bus rapid transit (BRT) corridors selected for this study can be found in the Arterial Transitway Corridors Study report<sup>1</sup>. Census block level access to jobs is evaluated in two stages. The first stage compares the May 2019 transit network with the funded transit network including the C Line, Orange Line, and Green Line Extension. The second stage uses the funded network as the new baseline for comparison with three prospective BRT routes including D Line, B Line, and E Line. The remainder of this report will refer to each network scenario as the May 2019 baseline, funded baseline, and prospective network.

Accessibility measures the potential for interactions between people and destinations in different locations. Data describing the distribution of labor and employment in the region are drawn from the U.S. Census Bureau's Longitudinal Employer-Household Dynamics (LEHD)<sup>2</sup> program. The accessibility analysis area consists of all land-containing Census blocks within the Metropolitan Council's jurisdiction. The destination set includes the accessibility analysis area and all Census blocks within 75 miles (120-kilometers) of the outer origins.

Accessibility is reported as a worker-weighted measure to capture the distribution of workers to job accessibility. The greater the worker population residing in a Census block, the more that block's accessibility contributes to the metro-wide statistic. The average worker in the Metropolitan Council's jurisdiction can reach 73,824 jobs in 45 minutes of travel on transit using the baseline transit network during the morning commute. Similar interpretations can be made for the selection of travel time thresholds and day/time combinations analyzed in this report—including accessibility at 5–90 minutes of travel during weekday 7:00–9:00 AM, weekday 4:00–6:00 PM, weekday 11:00 AM–1:00 PM, and weekend 11:00 AM–1:00 PM. The results are summarized further by a travel time threshold-weighted measure. Jobs within a shorter travel time contribute more to the overall accessibility measure as they constitute more attractive destinations.

This report evaluates five transitway network scenarios for their impact on transit accessibility in the Metropolitan Council's jurisdiction. The accessibility change is interpreted as the number of additional jobs a worker can reach when the selected BRT alternative is included in the transit network compared to the baseline accessibility level for the same travel duration. The scenarios analyzed in this report include the following:

- May 2019 baseline vs. Funded baseline (C Line, Orange Line, Green Line Extension)
- Funded baseline vs. Prospective network (D Line, B Line, E Line)
- Funded baseline + B Line, E Line vs. Prospective network
- Funded baseline + D Line, E Line vs. Prospective network
- Funded baseline + D Line, B Line vs. Prospective network

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<sup>1</sup><https://www.metrotransit.org/abrt-study>

<sup>2</sup><http://lehd.ces.census.gov/data/>

Table 1 lists the absolute change and percent change in transit accessibility resulting from the addition of funded and prospective transit lines to the baseline network. For the average worker residing in the Metropolitan Council’s jurisdiction, it is found that the funded baseline routes increase accessibility by 2.29% averaged over all travel time thresholds. The prospective transit network increases the accessibility for the average worker in the Metropolitan Council’s jurisdiction by an additional 5.51% from the funded baseline. The BRT line with the greatest impact to the regional transit accessibility profile for the average worker is the D Line—accounting for 4.28% out of 5.5% of overall accessibility change in the prospective transit network.

**Table 1** The average worker-weighted accessibility change (percent change) at four travel time thresholds and the time-weighted measure for the Metropolitan Council’s jurisdiction, weekday 7:00–9:00 AM.

	15 min	30 min	45 min	60 min	Time-weighted
May 2019 baseline vs Funded baseline	+6 (+0.27%)	+518 (+1.22%)	+2,824 (+2.31%)	+7,523 (+3.72%)	+210 (+2.29%)
Funded baseline vs Prospective network	+245 (+5.91%)	+3,532 (+7.80%)	+8,847 (+5.66%)	+13,394 (+4.18%)	+784 (+5.51%)
D Line	+194 (+5.10%)	+2,681 (+6.40%)	+6,271 (+4.42%)	+9,404 (+3.15%)	+575 (+4.28%)
B Line	+29 (+0.35%)	+513 (+0.68%)	+1,584 (+0.61%)	+2,648 (+0.59%)	+129 (+0.65%)
E Line	+24 (+0.45%)	+390 (+0.60%)	+1,177 (+0.58%)	+1,721 (+0.49%)	+94 (+0.57%)



## 2 Introduction

This report presents the results of a job accessibility analysis of funded and future transitways within the Metropolitan Council's jurisdiction. The goals and objectives of the regional transportation system are detailed in the 2040 Thrive MSP Transportation Policy Plan (TPP)<sup>3</sup>. The details of the bus rapid transit (BRT) corridors selected for this study can be found in the Arterial Transitway Corridors Study report<sup>4</sup>. Design criteria and planning guidance are defined in the Regional Transitway Guidelines document<sup>5</sup>. Census block level access to jobs is evaluated for the transit network as of May 2019, the currently funded network, and the prospective network. The remainder of this report will refer to each evaluation as of the May 2019 baseline, funded baseline, and the prospective network respectively.

Accessibility measures the potential for interactions between people and destinations in different locations. The specific accessibility measures employed in this analysis are the number of jobs that can be reached by transit within 15–60 minutes of travel, and a travel-time-weighted summary measure. The average worker in the Metropolitan Council's jurisdiction can reach 73,824 jobs in 45 minutes of walk-to-transit travel using the May 2019 baseline network during the morning commute. During the weekend midday period, 58,731 jobs are accessible for the same mode and travel duration.

There are two main analyses described in this report. The first compares the May 2019 baseline to the funded baseline. The funded baseline includes the C Line along Penn Ave, the Green Line Extension to Eden Prairie, and the Orange Line along I-35W to Lakeville. Figure 1 illustrates the alignments of funded baseline routes in comparison to the May 2019 baseline.

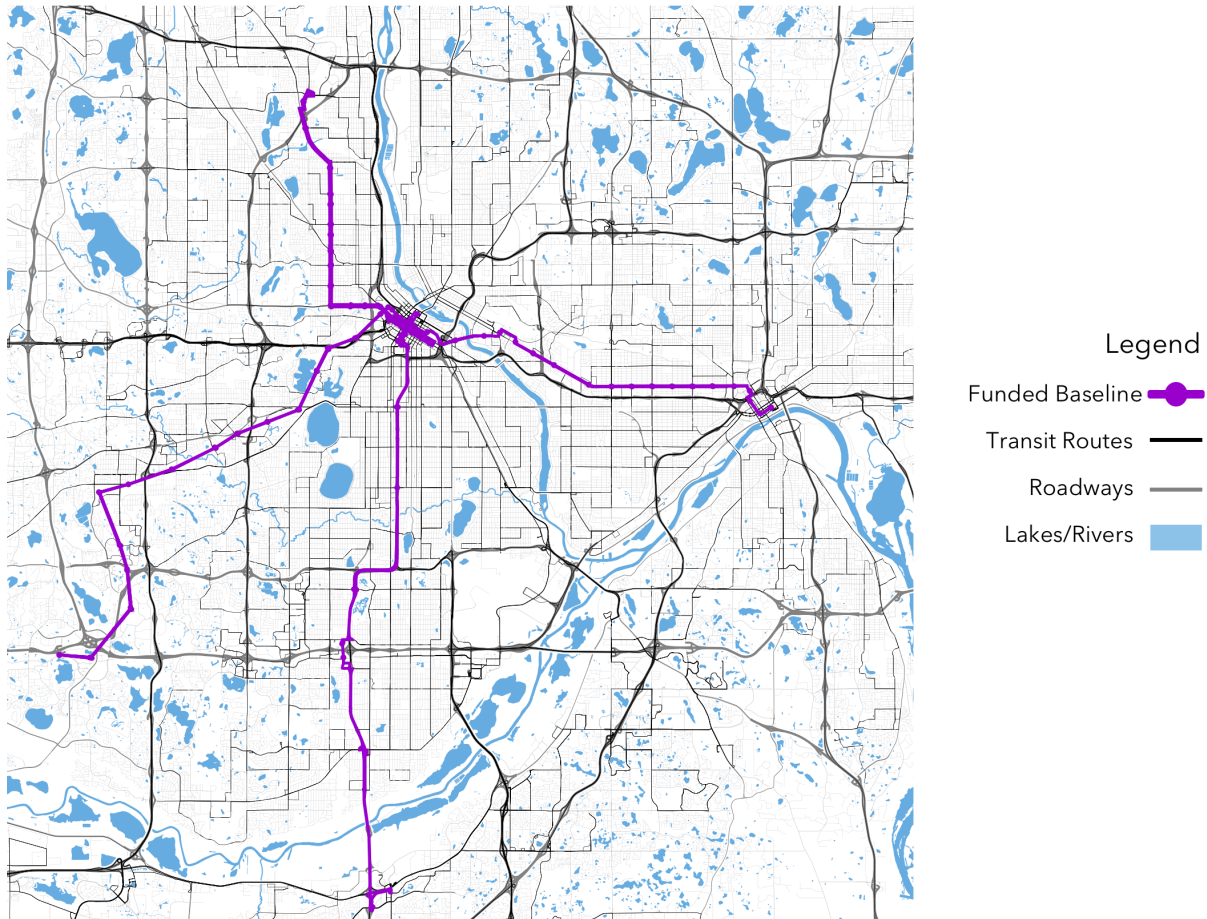
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<sup>3</sup><https://metro council.org/tpp-update.aspx>

<sup>4</sup><https://www.metrotransit.org/abrt-study>

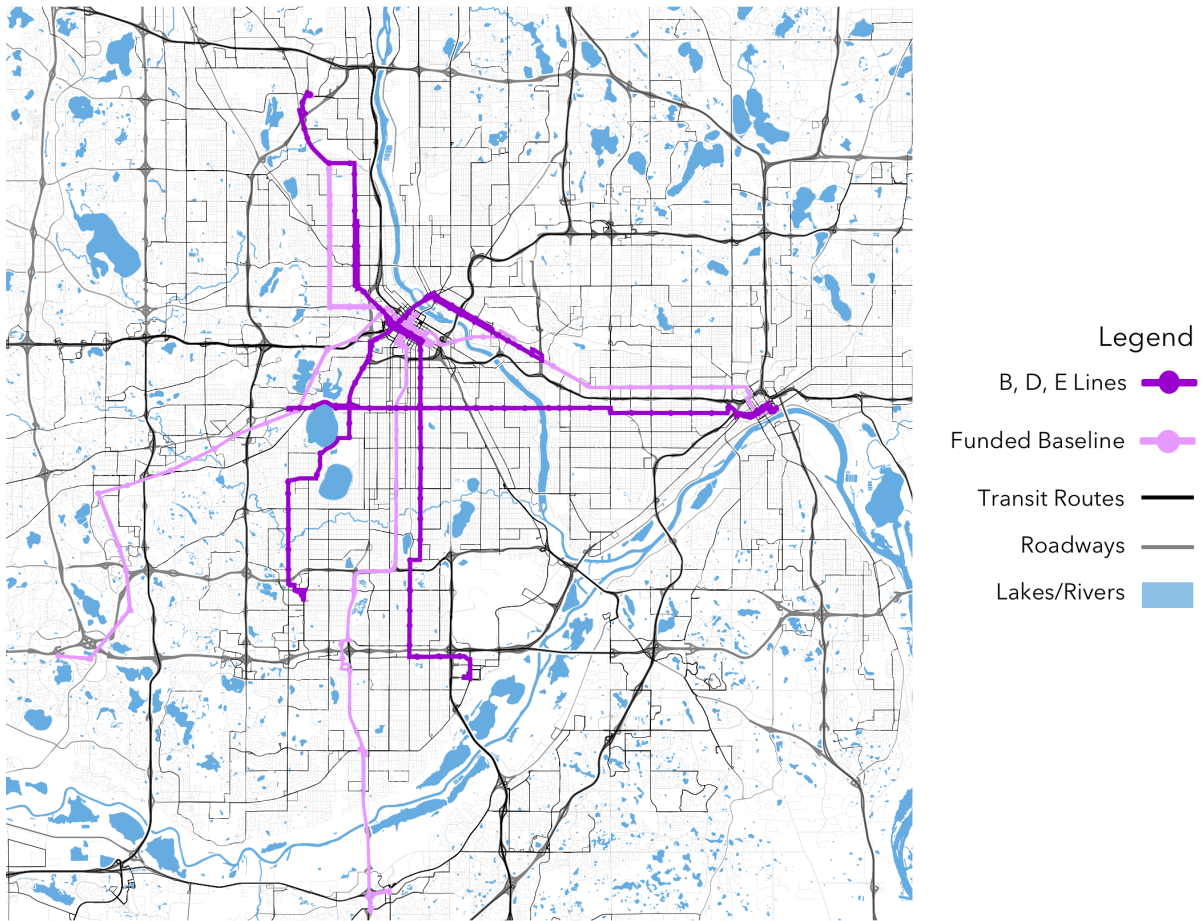
<sup>5</sup><https://metro council.org/Transportation/Planning-2/Transit-Plans,-Studies-Reports/Transit-Transitways/Regional-Transitway-Guidelines.aspx>





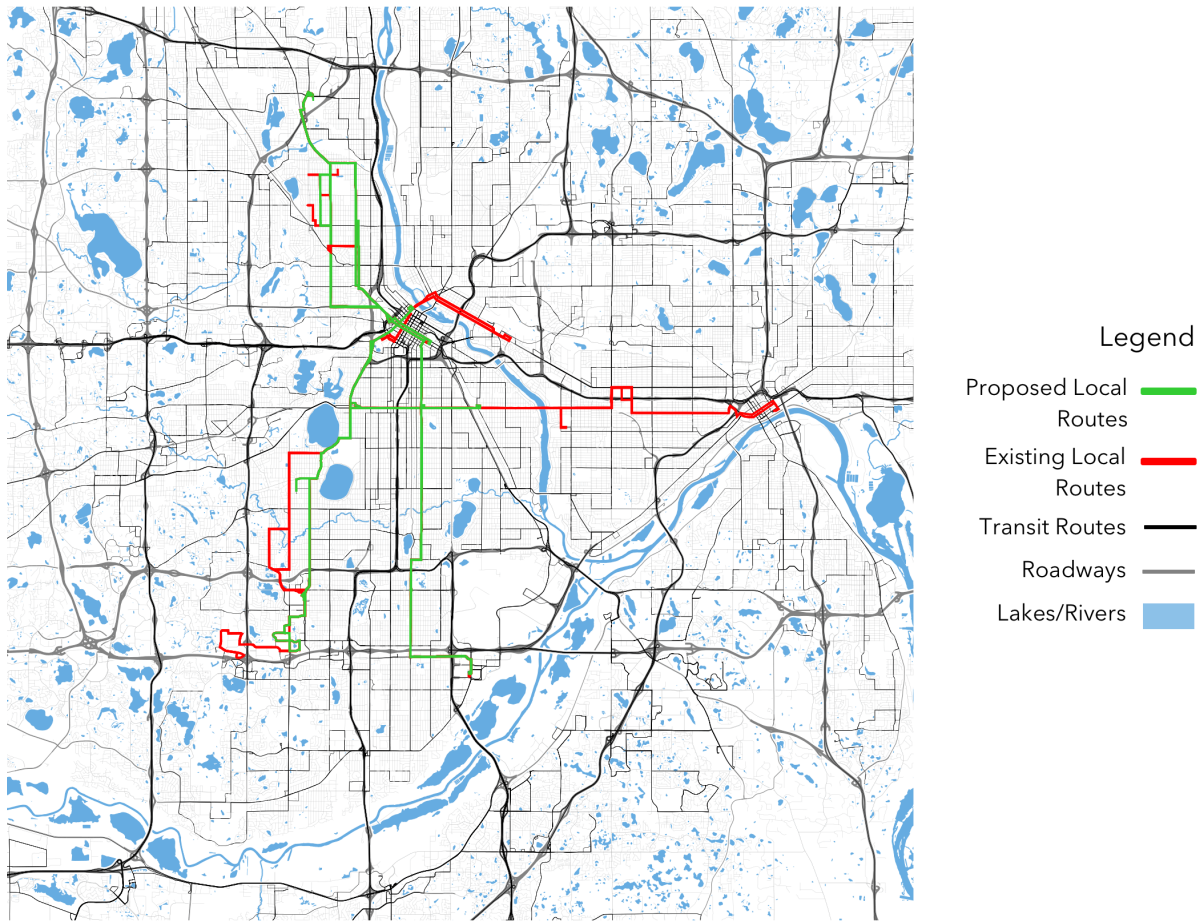
**Figure 1** The funded baseline routes (purple) highlighted against the May 2019 baseline transit routes (black).

The second analysis compares the funded baseline accessibility results to those of the B Line along Lake Street, D Line along Emerson/Fremont and Chicago avenues, and E Line along Hennepin and France avenues. The transitways are evaluated in isolation and in a scenario combining D Line, B Line, and E Line. Figure 2 illustrates the alignments and stop locations of the prospective network compared to the funded baseline and May 2019 transit routes.



**Figure 2** The prospective transit network (dark purple) highlighted against the funded baseline transit routes (light purple).

The C Line and each prospective BRT route is associated with one local route change. The existing and proposed alignment of all local routes adjusted in this study are shown in Figure 3. These include routes 5, 6, 19, and 21.



**Figure 3** The existing and proposed local routes 5, 6, 19, and 21 for the funded baseline and prospective network scenarios.

Accessibility results are presented for four day/time combinations. These include weekday 7:00 AM–9:00 AM, weekday 4:00 PM–6:00 PM, weekday 11:00 AM–1:00 PM, and weekend 11:00 AM–1:00 PM. Additionally, results are aggregated for cities, townships, and unorganized territories (CTUs) within the Metropolitan Council’s jurisdiction. Accessibility evaluation relies on detailed travel time calculations and demographic data. [Section 3](#) details the data sources and methodology employed in calculating job accessibility. Analysis results are presented in [Section 4](#). The appendices contains extensive results in tabular and map format for all four analysis time periods.

## Transitway Characteristics

Note that accessibility results are reflective of actual and in-progress transit schedules received for computing job accessibility. Results are subject to change with adjustments to the prospective network such as stop location and spacing. Accessibility results may show greater change with alignment and frequency deviations from the provided schedule data. All routes are modeled using General Transit Feed Specification (GTFS) data provided by Metro Transit.

GTFS approximate service frequency :

- **C Line:** Service every 10 minutes
  - Route 19 May 2019 baseline: service every 13 minutes
  - Route 19 existing service: every 30 minutes
- **D Line:** Service every 10 minutes
  - Route 5 current: service every 15 minutes
  - Route 5 proposed: service every 30 minutes
- **B Line:** Service every 13 minutes
  - Route 21 current: service every 15 minutes
  - Route 21 proposed: service every 33 minutes
- **E Line:** Service every 13 minutes
  - Route 6 current: service every 15 minutes
  - Route 6 proposed: service every 25 minutes

Corridor changes for local routes:

- Route 19 eliminates spurs off of Penn Avenue on North 42nd Avenue, North Washburn Avenue, and North Dowling Avenue from the May 2019 baseline.
- Proposed Route 5 removes service along North 26th Avenue.
- Proposed Route 21 continues running on Lake Street between Hennepin Avenue and Minnehaha Avenue but ends service to Saint Paul.
- Proposed Route 6 runs from downtown Minneapolis to the intersection of Minnesota Drive and France Avenue, primarily operating on Hennepin Avenue and Xerxes Avenue and removing service from France Avenue.



## 3 Methodology

Accessibility measures the ease of reaching valued destinations. An area with high accessibility can reach many places, services, or activities in fewer minutes of travel. Accessibility is an outcome of transit network characteristics (stop locations, route frequency and alignment, etc.) and of land use—more destinations nearby the originating zone result in greater accessibility. This report analyzes the job accessibility impact of additions and changes to the transit network. The geographic and population data used in the calculation of accessibility are provided in [Section 3.1](#) and [Section 3.2](#). The method for calculating travel times on the transit network are given in [Section 3.3](#). A comprehensive methodology of transit accessibility calculations is available in *Access Across America: Transit 2017 Methodology* [[Owen and Murphy, 2018](#)].

### 3.1 Geography

Census blocks are the fundamental unit for travel time and accessibility calculation, and block-level accessibility results are aggregated over larger areas for analysis. When calculating accessibility for an individual origin, all potential destinations within 75 miles (120 km) are included, even if those destinations are located in a different state. The origin set is composed of the centroid points of all land-containing census blocks within the Metropolitan Council's jurisdiction, for a total of 52,989 origin points. The destination set consists of the centroids of all land-containing census blocks within the Metropolitan Council's jurisdiction and a 120-kilometer buffer surrounding it, for a total of 178,751 destination points.

### 3.2 Population and Job Distribution

Data describing the distribution of labor and employment in the region are drawn from the U.S. Census Bureau's Longitudinal Employer-Household Dynamics program (LEHD)<sup>6</sup>. The LEHD Origin-Destination Employment Statistics (LODES) dataset, which is updated annually, provides Census block-level estimates of employee home and work locations. This analysis uses LODES data from 2015, the most recent available at the start of this analysis.

### 3.3 Travel Times by Transit

Travel times by transit are calculated using General Transit Feed Specification (GTFS) data provided for the May 2019 baseline, funded baseline, and prospective transit networks. Schedule information on route frequency and geospatial data on route alignments and stop locations determine the time-of-day-based travel times across the Metropolitan Council's jurisdiction. The travel time matrix produced from the data are used in calculating accessibility at varying travel time thresholds and different times of day and day of the week.

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<sup>6</sup><http://lehd.ces.census.gov/data/>

## 3.4 Accessibility Calculation

The accessibility results detailed in this report are calculated using a *cumulative opportunities* accessibility metric. In this approach, the accessibility level of an origin location is determined by the number of opportunities that can be reached within a given travel time threshold. Travel time thresholds from 5 to 90 minutes at 5-minute increments are included in the analysis. Comparisons made between May 2019 baseline, funded baseline, and prospective networks are reported for the travel time thresholds of 15, 30, 45, and 60 minutes, as well as for a time-weighted average of the accessibility figures at each 5-minute threshold (see explanation in [Section 3.4.2](#)).

Accessibility is calculated to reflect typical weekday and weekend travel conditions in 2019. Transit travel times vary throughout the day. The accessibility data presented in this report use the departure windows listed below. To capture accessibility variation related to frequency of service, accessibility is calculated for every minute in the departure window. Averages over each two-hour time span are reported in the tables throughout this report.

- Weekday morning peak: 7:00 AM–9:00 AM
- Weekday midday: 11:00 AM–1:00 PM
- Weekday evening peak: 4:00 PM–6:00 PM
- Weekend midday: 11:00 AM–1:00 PM

### 3.4.1 Person-Weighted Average Accessibility

The cumulative opportunities accessibility metric describes properties of places within the Metropolitan Council’s jurisdiction as opposed to describing the individual accessibility of the residents [[Horner, 2004](#)]. The location-based accessibility metric can be translated to a measure of the accessibility experienced by people. A person-weighted metric is calculated by weighting accessibility by the number of workers in that block and taking the average. The result is a single measure that represents the accessibility experienced by the average worker in that area. For example, a worker-weighted accessibility value of 20,000 jobs in 30 minutes indicates that the average worker within the area can reach 20,000 jobs in 30 minutes of travel time. This is the primary metric by which accessibility is measured and compared in this report.

### 3.4.2 Travel Time Threshold-Weighted Accessibility

In addition to the 15-minute, 30-minute, 45-minute, and 60-minute accessibility metrics, a metric of travel-time-weighted job accessibility is also presented. For the time-weighted average of accessibility, destinations reachable in shorter travel times are given more weight, as they constitute more attractive destinations. A negative exponential weighting factor is used, following [Kumar \[1994\]](#). Here, time is differenced by thresholds to get a series of “donuts” (e.g. jobs reachable from 0 to 5 minutes, from 5 to 10 minutes, etc.). The time-weighted accessibility formula is listed below. This metric is computed at each origin and weighted by the worker population (see [Section 3.4.1](#)) to provide a worker-weighted and time-weighted measure.

$$a_w = \sum_t (a_t - a_{t-10}) \times e^{\beta t}$$

$a_w$  = Weighted accessibility metric for a single origin

$a_t$  = Worker-weighted accessibility for threshold  $t$

$\beta$  = -0.08

## 4 Results

### 4.1 Results Overview

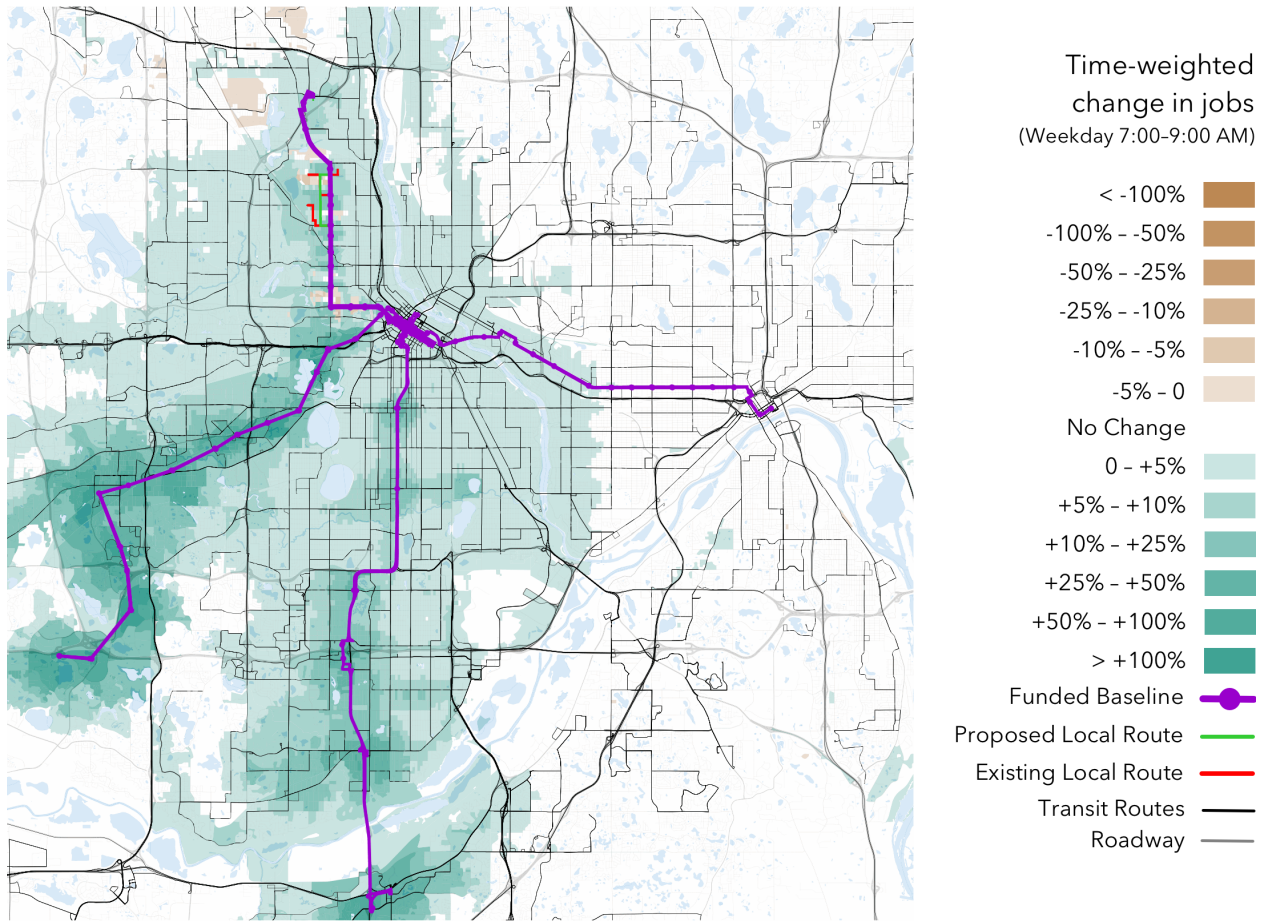
Results for the five scenarios evaluated in this project are discussed using a series of accessibility graphics and worker-weighted average accessibility tables. Each section builds on the next, similar to the scenario criteria for existing, funded, and prospective transit networks. A variety of geographic boundaries are employed for summarization, including the Metropolitan Council’s jurisdiction as a whole, the CTUs within the Metropolitan Council’s jurisdiction, and a half-mile zone surrounding all transit stops. The accessibility results presented in the body of the report are for the weekday morning peak; the three remaining analysis windows are provided in the appendix.

### 4.2 May 2019 Baseline vs Funded Baseline

The accessibility impacts of adding C Line, Green Line Extension, Orange Line, and modified Route 19 to the May 2019 baseline are positive overall. Table 2 provides the absolute value of accessibility for the May 2019 baseline and funded baseline scenarios, the change between the scenarios at four travel time thresholds, and the time-weighted change measure. Within 45 minutes of travel, the average worker in the Metropolitan Council’s jurisdiction experiences an accessibility gain of 2,824 (2.31%) jobs. For workers living within a half-mile of any transit stop on the network, 4,376 (3.48%) additional jobs are accessible on average within 45 minutes of travel. Figure 4 shows the percent change in jobs accessible weighted across all travel time thresholds. It is important to note that planned changes to local routes intersecting with Green Line Extension and Orange Line have not been implemented to schedule data at the time of this study.

**Table 2** Accessibility and accessibility change between the May 2019 baseline and funded baseline networks, worker-weighted averages for metro and half-mile areas, 7:00–9:00 AM.

	15 min	30 min	45 min	60 min	Time-weighted
May 2019 baseline	1,993	20,401	73,824	160,373	6,196
Funded baseline	1,999	20,919	76,649	167,896	6,407
Metro Change	+6 (+0.27%)	+518 (+1.22%)	+2,824 (+2.31%)	+7,523 (+3.72%)	+210 (+2.29%)
Half-mile Change	+9 (+0.42%)	+807 (+1.89%)	+4,376 (+3.48%)	+11,453 (+5.10%)	+324 (+3.31%)

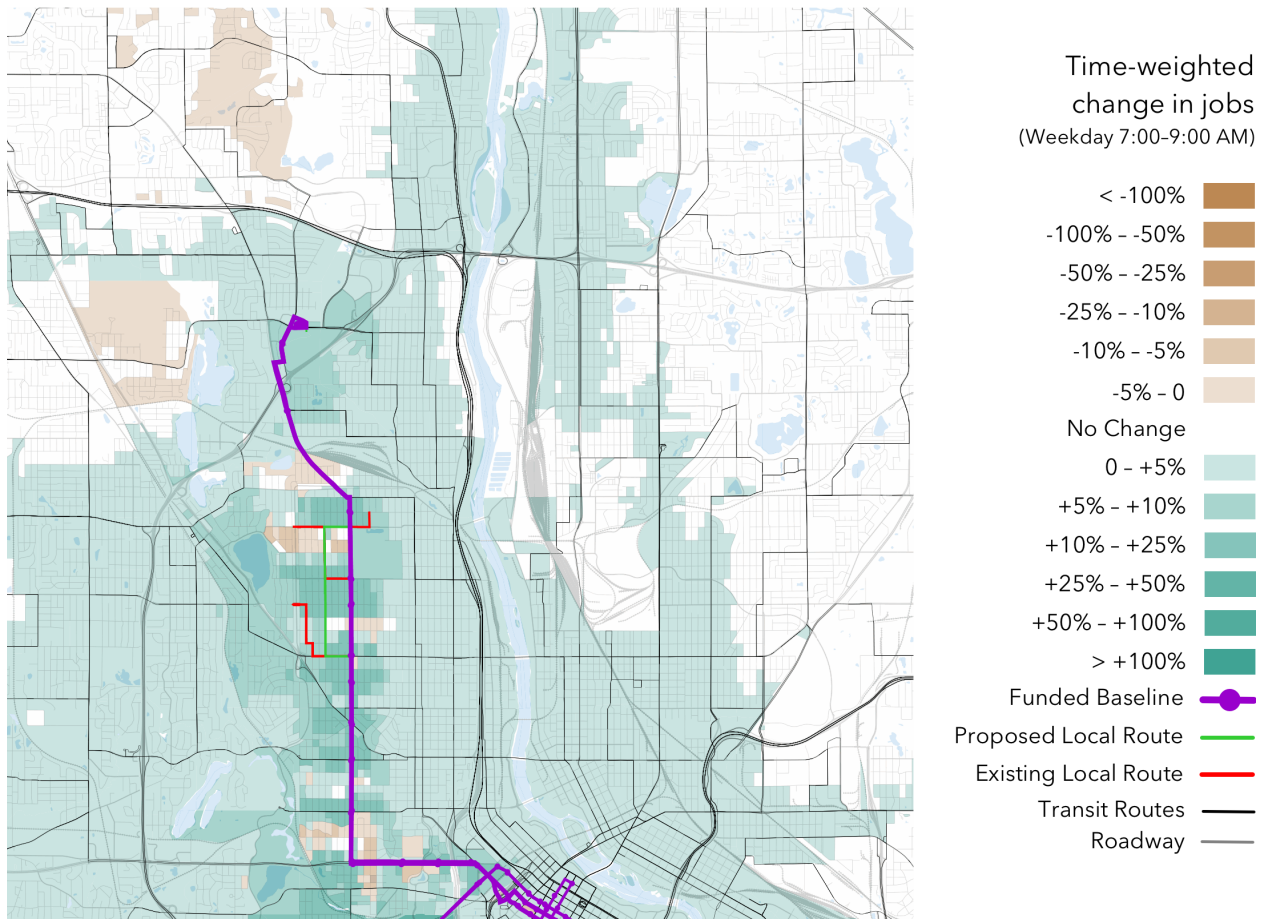


**Figure 4** Accessibility percent change between May 2019 baseline and funded baseline, 7:00–9:00 AM, time-weighted.



### 4.2.1 Funded Baseline: C Line

The C Line BRT corridor along Penn Avenue exhibits accessibility increases near new station stops, and slight decreases between stops (see Figure 5). The addition of C Line and the reduced service frequency of Route 19 contribute to an overall accessibility increase in the corridor, however, some station areas without C-line service experience accessibility decreases. The decreases indicate that workers originating from these blocks experience a combination of lower transit frequency nearby and longer walking distances to high-frequency transit service. This pattern of accessibility change is reflected to a greater extent in the weekday midday scenario and to a lesser degree in the weekday evening and weekend midday scenarios (please see the Appendix).

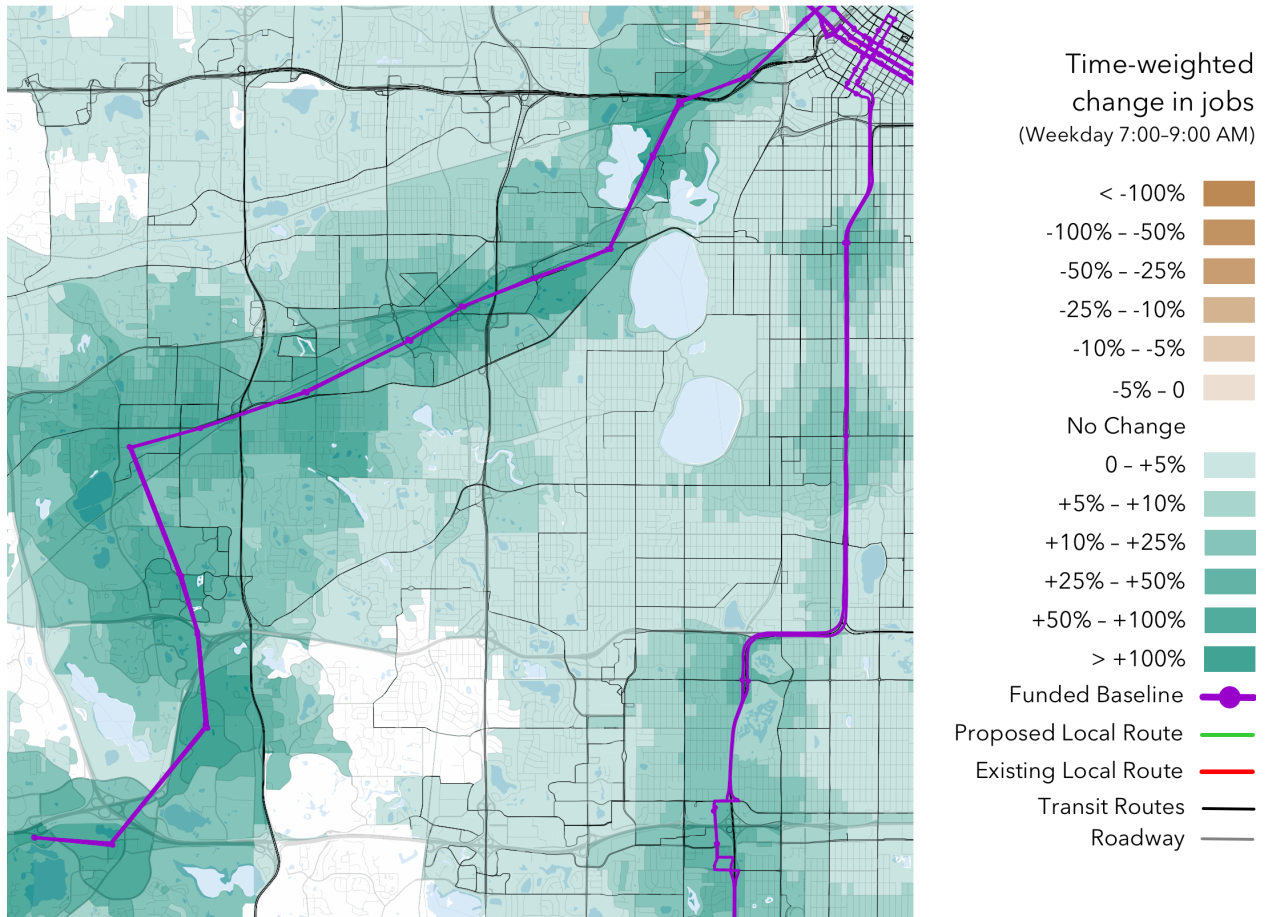


**Figure 5** C Line snapshot, accessibility percent change between the funded baseline and the prospective network, 7:00–9:00 AM, time-weighted.

### 4.2.2 Funded Baseline: Green Line Extension

The Green Line Extension LRT corridor shows expansive accessibility increases in the metropolitan area (see Figure 6). The LRT alignment adds transit stations and service to areas that previously were

not connected to transit. For this reason, new and high-frequency transit service provides a substantial accessibility benefit to workers living in and around the area. The results are similar across all analysis time periods performed in this study. Positive accessibility impact is isolated to station areas due to the lack of local connecting transit routes provided at the time of analysis. Modifications to local bus routes will inevitably introduce deviations to the accessibility change profile presented here.

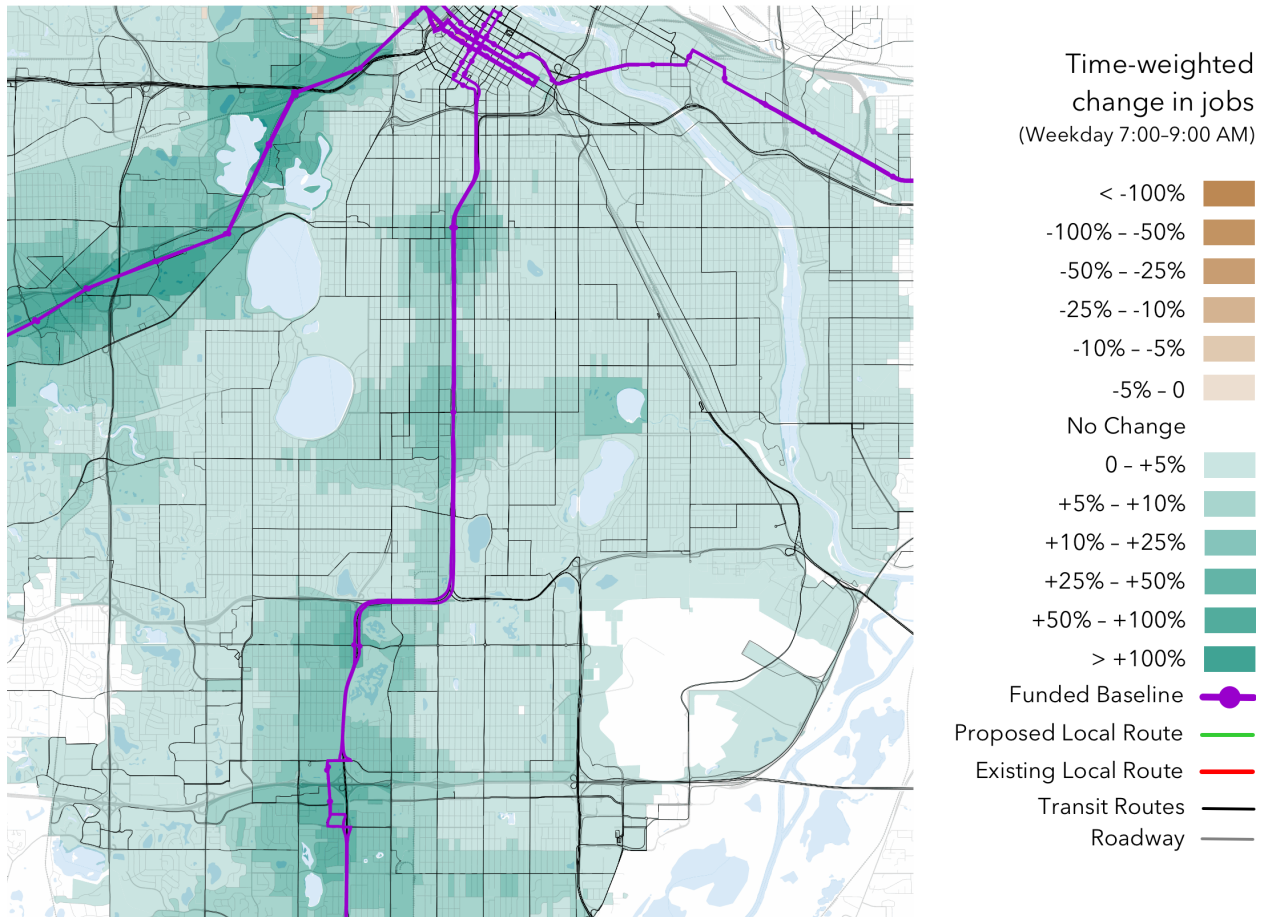


**Figure 6** Green Line Extension snapshot, accessibility percent change between the funded baseline and the prospective network, 7:00–9:00 AM, time-weighted.

### 4.2.3 Funded Baseline: Orange Line

The Orange Line BRT corridor along I-35W increases job accessibility for blocks near BRT stops as well as along the transit network connecting with the Orange Line (see Figure 7). Accessibility benefits tend to radiate along heavy transit corridors that intersect with I-35W such as Lake Street., 46th Street, West 66th Street, and American Boulevard. This suggests that network effects are at play between the schedules of the Orange Line and local bus routes such as 11, 18, 21, 27, 46, 54, 515, 539, 554, 558. The results are similar across all analysis time periods performed in this study. The walk-to-transit

analysis performed for this study does not account for the potential accessibility gains in the southern portion of the corridor where drive-to-transit (park-and-ride) will connect more workers with transit in the same amount of travel time. At the time of the accessibility analysis, local routes that intersect with the Orange Line corridor were not updated to reflect new schedules and timed transfers that may increase (or in some cases decrease) the accessibility change from the results shown.



**Figure 7** Orange Line snapshot, accessibility percent change between the funded baseline and the prospective network, 7:00–9:00 AM, time-weighted.

## Accessibility Results for CTUs

Table 3 provides the worker-weighted accessibility results during the weekday morning peak from 7:00–9:00 AM for the top 20 CTUs, ranked by time-weighted percent change. For CTUs that are partially within the Metropolitan Council’s jurisdiction, only the blocks within the Council border are averaged for the metro-wide and CTU level accessibility analyses. CTUs in the south and southwest metropolitan region make up a substantial portion of the top 20 regions that benefit from the service changes provided by the funded baseline network. The CTUs of Hopkins, Saint Louis Park, and Burnsville experience the largest change in accessibility of the 196 CTUs under the Metropolitan Council’s jurisdiction. Modest accessibility increases are found for Robbinsdale, Crystal, and Brooklyn Center in the North Metro. Table 4 provides the worker-weighted accessibility results during the weekday morning peak for the ten CTUs with the most workers as of the 2015 LEHD survey. As Table 3 and Table 4 show, the greatest accessibility changes are seen at the 45–60 minute travel time thresholds.

**Table 3** Top 20 CTUs, worker-weighted accessibility change (percent change) during weekday morning peak (7:00 AM–9:00 AM), May 2019 baseline vs. funded baseline transit networks, time-weighted and ranked by percent change.

CTU	15 min	30 min	45 min	60 min	Time-weighted
Hopkins	+30 (+0.56%)	+3,671 (+17.58%)	+28,296 (+44.06%)	+117,142 (+77.82%)	+2,437 (+38.40%)
Saint Louis Park	+46 (+2.50%)	+2,565 (+12.96%)	+25,689 (+25.05%)	+50,655 (+16.01%)	+1,527 (+16.92%)
Burnsville	+0 (+0.01%)	+96 (+1.00%)	+3,175 (+10.25%)	+24,186 (+24.79%)	+371 (+13.45%)
Eden Prairie	+20 (+6.78%)	+379 (+2.51%)	+2,203 (+8.36%)	+10,861 (+29.07%)	+223 (+11.10%)
Minnetonka	+0 (+0.01%)	+249 (+1.58%)	+3,175 (+10.18%)	+15,618 (+23.39%)	+286 (+10.72%)
Bloomington	+1 (+0.02%)	+278 (+1.36%)	+5,923 (+7.64%)	+27,889 (+14.31%)	+509 (+8.63%)
Richfield Edina	+46 (+0.72%)	+2,542 (+5.35%)	+24,961 (+13.23%)	+26,823 (+6.56%)	+1,227 (+8.16%)
Robbinsdale	+0 (+0.00%)	+150 (+0.69%)	+3,284 (+4.31%)	+15,234 (+10.80%)	+281 (+5.69%)
Minneapolis	+0 (-0.21%)	+5 (-0.74%)	+6,112 (+6.64%)	+11,972 (+4.63%)	+306 (+4.42%)
	+32 (+0.52%)	+3,078 (+5.29%)	+10,953 (+4.12%)	+23,873 (+4.48%)	+852 (+4.06%)
Minnetonka Beach	+0 (+0.00%)	+0 (+0.00%)	+17 (+0.11%)	+1,767 (+3.60%)	+21 (+2.27%)
Fort Snelling	+0 (+0.00%)	+195 (+0.61%)	+4,818 (+4.20%)	+6,525 (+1.66%)	+212 (+2.11%)
Savage	+0 (+0.00%)	+0 (+0.00%)	+85 (+0.58%)	+1,631 (+4.18%)	+21 (+1.68%)
Spring Park	+0 (+0.00%)	+0 (+0.00%)	+2 (+0.03%)	+1,546 (+3.56%)	+16 (+1.62%)
Golden Valley	+0 (-0.04%)	+37 (+0.19%)	+1,108 (+1.01%)	+7,543 (+2.66%)	+124 (+1.61%)
Wayzata	+0 (+0.00%)	+0 (+0.00%)	+340 (+0.59%)	+3,655 (+2.61%)	+50 (+1.32%)
Brooklyn Center	-2 (-0.11%)	-43 (-0.54%)	+474 (+0.23%)	+6,498 (+2.46%)	+84 (+1.26%)
Excelsior	+0 (+0.00%)	+0 (+0.00%)	+14 (+0.29%)	+902 (+9.67%)	+10 (+1.21%)
Long Lake	+0 (+0.00%)	+0 (+0.00%)	+4 (+0.05%)	+326 (+1.86%)	+4 (+0.73%)
Crystal	+0 (-0.01%)	-13 (-0.21%)	+227 (+0.04%)	+2,903 (+1.45%)	+38 (+0.70%)

**Table 4** Worker-weighted accessibility change (percent change) during weekday morning peak (7:00 AM–9:00 AM), May 2019 baseline vs. funded baseline transit networks, for top 10 populous CTUs. Results for all Metropolitan Council CTUs are included in the appendix.

CTU	15 min	30 min	45 min	60 min	Time-weighted
Minneapolis	+32 (+0.52%)	+3,078 (+5.29%)	+10,953 (+4.12%)	+23,873 (+4.48%)	+852 (+4.06%)
Saint Paul	+0 (+0.03%)	+47 (+0.05%)	+774 (+0.31%)	+2,353 (+0.53%)	+51 (+0.28%)
Bloomington	+1 (+0.02%)	+278 (+1.36%)	+5,923 (+7.64%)	+27,889 (+14.31%)	+509 (+8.63%)
Brooklyn Park	+0 (0.00%)	-2 (-0.05%)	-39 (-0.20%)	+416 (+0.05%)	+3 (0.00%)
Plymouth	+0 (+0.00%)	+0 (+0.00%)	+1 (+0.00%)	+129 (+0.12%)	+1 (+0.05%)
Eagan	+0 (-0.03%)	+0 (0.00%)	+2 (+0.01%)	+393 (+0.33%)	+4 (+0.16%)
Maple Grove	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+58 (+0.09%)	+0 (+0.04%)
Woodbury	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+9 (+0.01%)	+0 (+0.00%)
Coon Rapids	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+34 (+0.02%)	+0 (+0.01%)
Blaine	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+33 (+0.05%)	+0 (+0.02%)

### 4.3 Funded Baseline vs Prospective Network

The funded baseline network described above is used as the baseline for accessibility comparison with the addition of proposed D, B, and E BRT lines (prospective network). Along with the added BRT lines, three local routes are modified to reflect proposed service changes. Routes 5, 21, and 6 currently serve the corridors where D, B, and E Lines respectively are proposed to operate. Figure 3 in Section 2 shows the existing and proposed local routes and provides a description of the route changes.

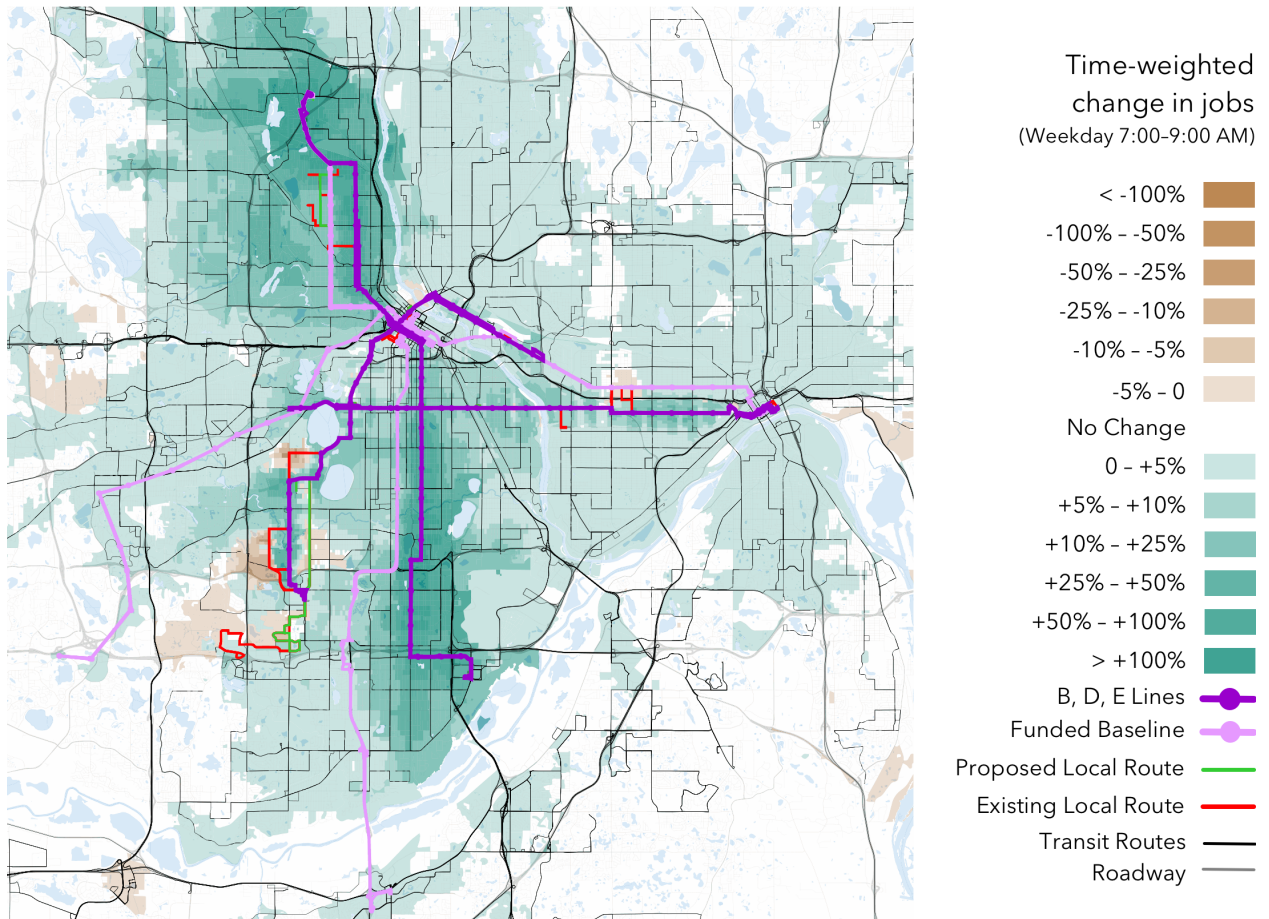
The accessibility impacts of adding D Line, B Line, and E Line to the funded baseline are positive throughout much of the area where these lines are proposed to operate. Table 5 provides the absolute value of accessibility for the funded baseline and prospective network, the change between the scenarios at four travel time thresholds, and the time-weighted measure. At every travel time threshold, job accessibility for the average worker in the Metropolitan Council’s jurisdiction increases. Within 45 minutes of travel, the average worker in the Metropolitan Council experiences an accessibility gain of 7,620 (4.96%) jobs. For workers living within a half-mile of any transit stop on the prospective network, an additional 13,213 (8.58%) jobs are accessible within 45 minutes of travel. Figure 8 shows the percent change in jobs accessible and weighted across all travel time thresholds. Local transit route changes are shown in red and green for existing and proposed service.

**Table 5** Accessibility and accessibility change between the funded baseline and prospective network, worker-weighted averages for metro and half-mile areas, 7:00–9:00 AM.

	15 min	30 min	45 min	60 min	Time-weighted
Funded baseline	1,999	20,919	76,649	167,896	6,407
Prospective network	2,178	23,848	84,269	179,870	7,068
Metro change	+178 (+4.90%)	+2,928 (+6.72%)	+7,620 (+4.96%)	+13,394 (+4.18%)	+784 (+5.51%)
Half-mile change	+309 (+8.50%)	+5,082 (+11.65%)	+13,213 (+8.58%)	+20,629 (+6.30%)	+1,144 (+8.17%)

The accessibility change for the largest ten CTUs by worker population is listed in Table 6. Minneapolis, Saint Paul, and Bloomington are the three largest CTUs in the Metropolitan Council’s jurisdiction. Their time-weighted accessibility increases are 18.7%, 2.66%, and 9.52% respectively. Al-





**Figure 8** Accessibility percent change between the funded baseline and the prospective network, 7:00–9:00 AM, time-weighted.

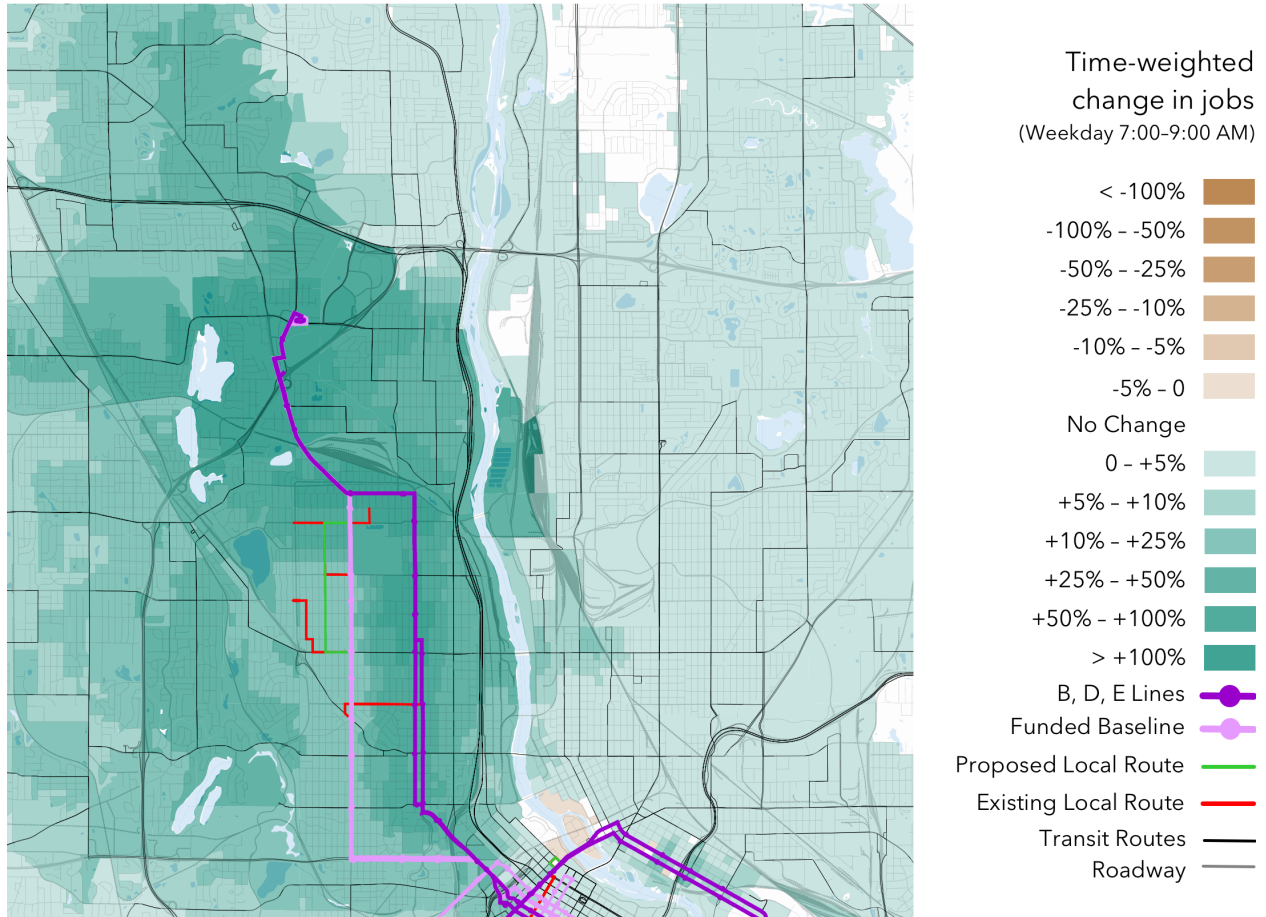
though accessibility is summarized for the worker population, changes in access to jobs may be experienced by all residents in the Metropolitan Council’s jurisdiction for the selected time window. The addition of D Line, B Line, and E Line to the funded transit network provide a net benefit to the transit accessibility of the region.

**Table 6** Worker-weighted accessibility change (percent change) during weekday morning peak (7:00 AM–9:00 AM), funded baseline vs. prospective network, for top 10 populous CTUs. Results for all Metropolitan Council CTUs are included in the appendix.

<b>CTU</b>	<b>15 min</b>	<b>30 min</b>	<b>45 min</b>	<b>60 min</b>	<b>Time-weighted</b>
Minneapolis	+1,340 (+36.93%)	+19,675 (+41.92%)	+35,839 (+14.46%)	+46,370 (+9.05%)	+3,658 (+18.71%)
Saint Paul	+61 (+0.47%)	+1,635 (+2.08%)	+6,382 (+2.77%)	+13,854 (+3.12%)	+508 (+2.66%)
Bloomington	-4 (-0.14%)	+589 (+1.89%)	+12,865 (+13.45%)	+28,976 (+11.55%)	+740 (+9.52%)
Brooklyn Park	+0 (+0.00%)	+11 (+0.14%)	+1,472 (+4.19%)	+14,084 (+13.82%)	+199 (+7.07%)
Plymouth	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.01%)	+542 (+1.47%)	+5 (+0.45%)
Eagan	+0 (+0.00%)	+0 (0.00%)	-10 (-0.04%)	+784 (+0.76%)	+8 (+0.30%)
Maple Grove	+0 (+0.00%)	+0 (+0.00%)	+9 (+0.03%)	+223 (+0.35%)	+2 (+0.15%)
Woodbury	+0 (+0.00%)	+0 (0.00%)	+1 (+0.00%)	+51 (+0.09%)	+0 (+0.03%)
Coon Rapids	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)	+185 (+0.17%)	+1 (+0.08%)
Blaine	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)	-67 (-0.14%)	+0 (-0.05%)

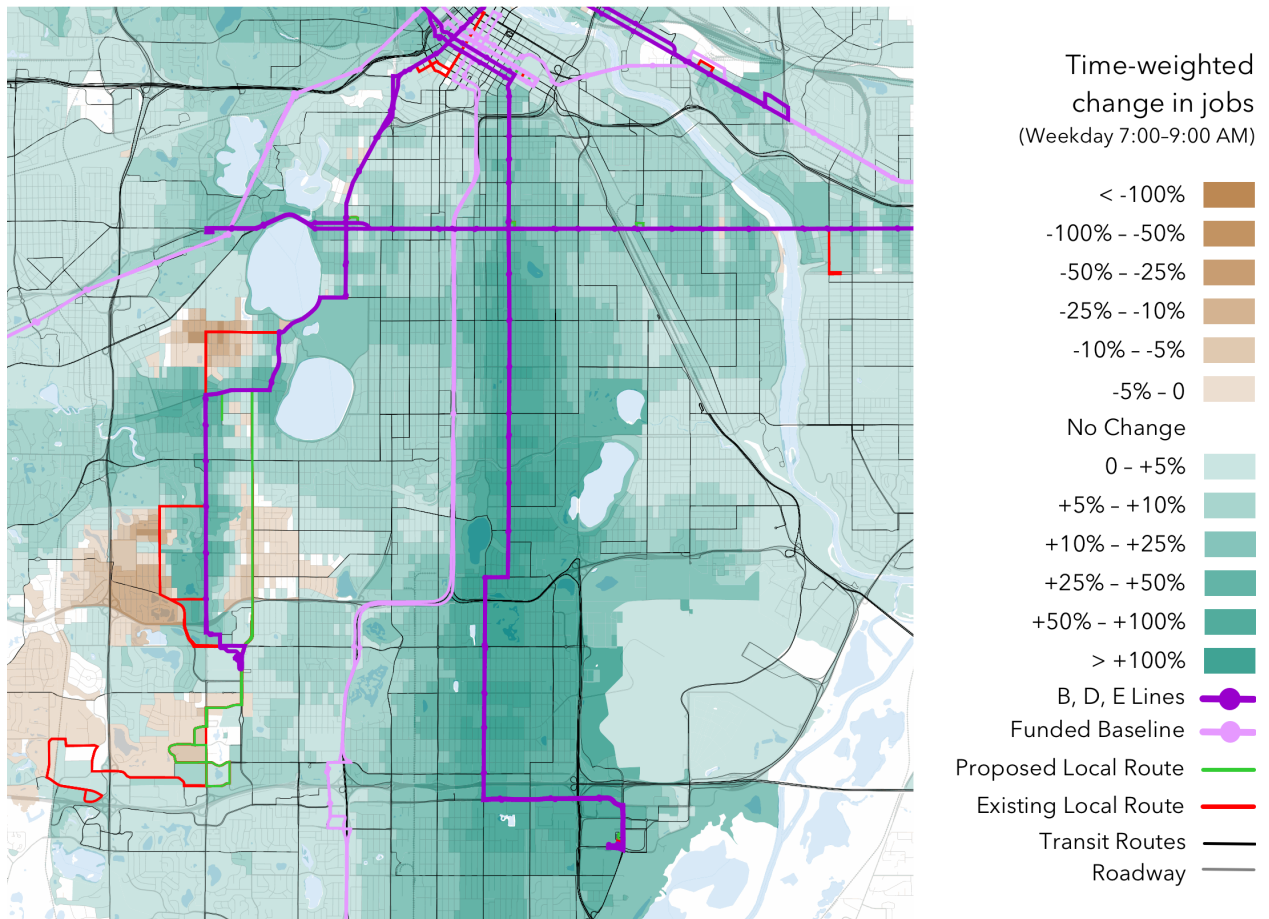
### 4.3.1 Prospective Network: D Line

The largest accessibility increases for the prospective transit network are along the D Line corridor. Table 7 provides the worker-weighted accessibility results for the top 20 CTUs, ranked by time-weighted percent change. CTUs in the northern and southern extents of the D Line corridor make up half of the top 20 CTUs that benefit the most from the service changes provided by the prospective network. The results are similar across all analysis time periods performed in this study. Snapshots of the accessibility change surrounding the north and south segments of D Line are shown in Figures 9 and 10.



**Figure 9** D Line north section snapshot, accessibility percent change between the funded baseline and the prospective network, 7:00–9:00 AM, time-weighted.





**Figure 10** D Line south section snapshot, accessibility percent change between the funded baseline and the prospective network, 7:00–9:00 AM, time-weighted.

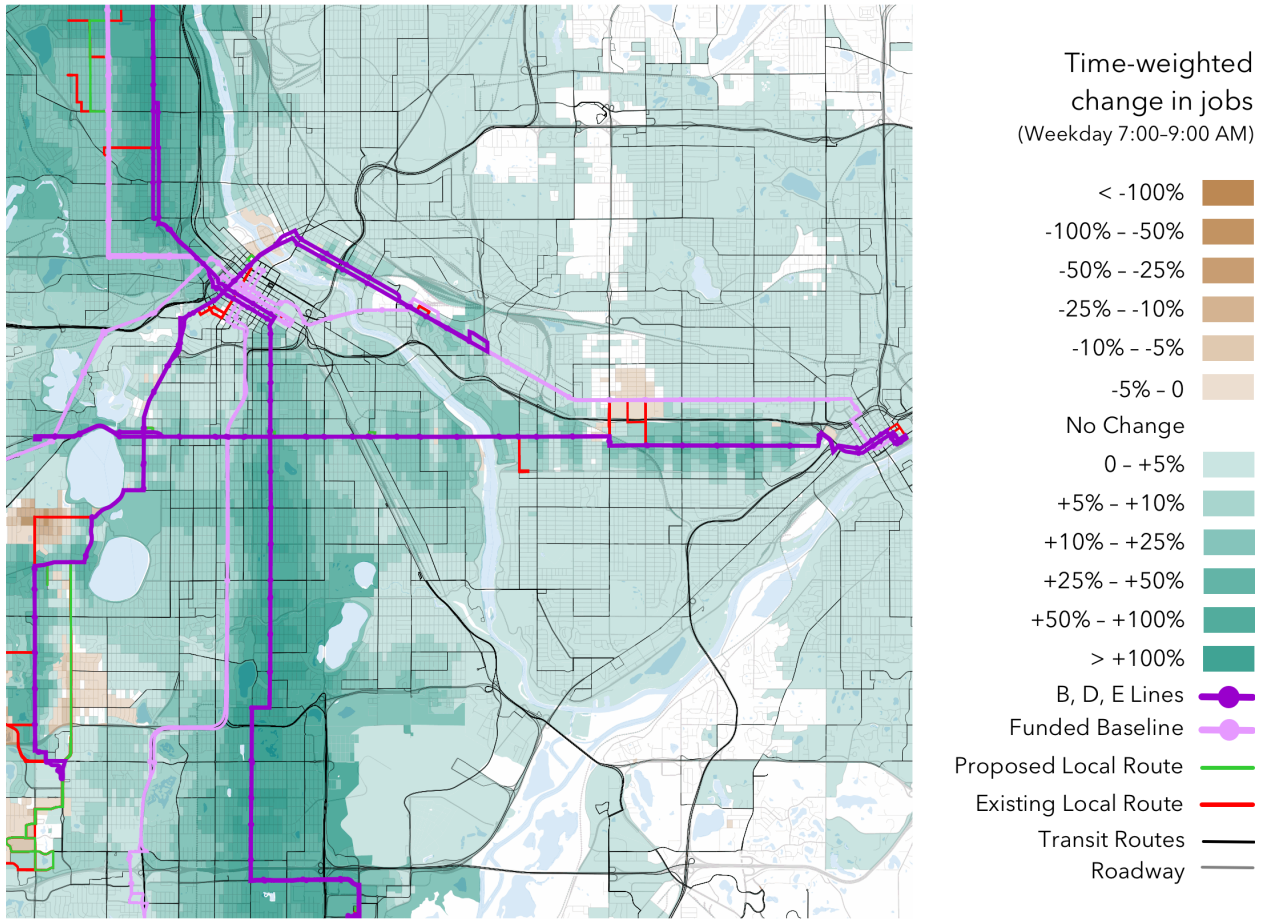
**Table 7** Top 20 CTUs, worker-weighted accessibility change (percent change) during weekday morning peak (7:00 AM–9:00 AM), funded baseline vs. prospective network, time-weighted and ranked by percent change.

CTU	15 min	30 min	45 min	60 min	Time-weighted
Brooklyn Center	+15 (+1.18%)	+3,477 (+34.14%)	+40,778 (+76.93%)	+67,187 (+34.77%)	+2,199 (+44.80%)
Robbinsdale	+0 (+0.03%)	+1,959 (+14.84%)	+43,862 (+74.63%)	+60,236 (+27.31%)	+2,056 (+36.88%)
Richfield	+216 (+9.23%)	+16,989 (+49.50%)	+77,253 (+47.65%)	+81,412 (+19.92%)	+4,691 (+36.22%)
Fort Snelling	+8 (+0.65%)	+8,017 (+36.75%)	+49,953 (+37.46%)	+49,529 (+12.48%)	+2,625 (+25.09%)
Crystal	+0 (+0.13%)	+270 (+3.49%)	+12,361 (+29.55%)	+38,611 (+26.72%)	+797 (+21.83%)
Minneapolis	+1,340 (+36.93%)	+19,675 (+41.92%)	+35,839 (+14.46%)	+46,370 (+9.05%)	+3,658 (+18.71%)
Golden Valley	+4 (+0.12%)	+1,399 (+9.48%)	+13,579 (+17.24%)	+24,072 (+9.42%)	+772 (+12.04%)
New Hope	+0 (+0.00%)	+20 (+0.17%)	+3,771 (+7.89%)	+24,585 (+18.30%)	+384 (+9.53%)
Bloomington	-4 (-0.14%)	+589 (+1.89%)	+12,865 (+13.45%)	+28,976 (+11.55%)	+740 (+9.52%)
Brooklyn Park	+0 (+0.00%)	+11 (+0.14%)	+1,472 (+4.19%)	+14,084 (+13.82%)	+199 (+7.07%)
Edina	-10 (+4.00%)	+250 (+2.39%)	+7,092 (+6.82%)	+16,534 (+5.87%)	+404 (+4.82%)
Saint Paul	+61 (+0.47%)	+1,635 (+2.08%)	+6,382 (+2.77%)	+13,854 (+3.12%)	+508 (+2.66%)
Saint Louis Park	-6 (-0.25%)	-309 (-1.10%)	+5,804 (+3.21%)	+14,808 (+3.83%)	+306 (+2.60%)
Hopkins	+0 (0.00%)	+0 (+0.01%)	+1,924 (+1.35%)	+13,271 (+4.92%)	+207 (+2.34%)
Medicine Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+1 (+0.00%)	+15 (+2.29%)
Saint Anthony	+0 (+0.00%)	+66 (+0.19%)	+4,639 (+2.82%)	+8,460 (+2.29%)	+233 (+2.11%)
Long Lake	+0 (+0.00%)	+0 (0.00%)	+150 (+2.27%)	+750 (+3.89%)	+12 (+2.00%)
Wayzata	+0 (+0.00%)	+15 (+0.11%)	+914 (+1.91%)	+3,768 (+2.74%)	+71 (+1.87%)
Columbia Heights	+0 (+0.00%)	+2 (+0.00%)	+1,262 (+1.02%)	+8,158 (+2.54%)	+137 (+1.68%)
West Saint Paul	+0 (+0.02%)	+311 (+1.10%)	+1,046 (+1.10%)	+5,623 (+2.53%)	+120 (+1.56%)

### 4.3.2 Prospective Network: B Line

B Line, in coordination with D Line and E Line, brings positive accessibility change to CTUs along the east-west axis of the Metropolitan Council’s urban area (see Figure 11). These include Saint Louis Park, Saint Paul, and West Saint Paul. B Line station areas show the largest accessibility increases but they are influenced by the presence of intersecting transit routes. This is especially noticeable in the eastern portion of B Line towards Saint Paul.

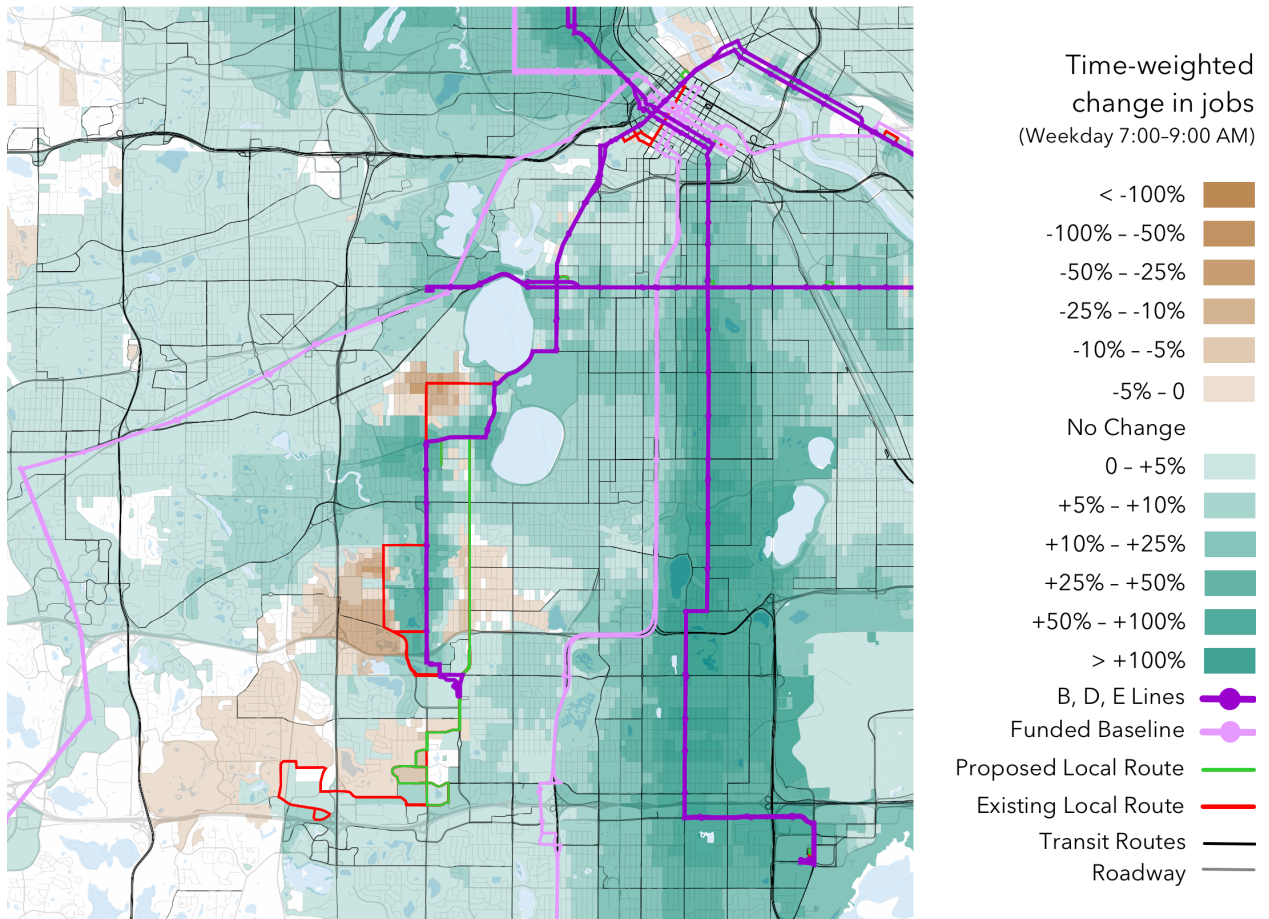
Workers living near Snelling Avenue and north of Lake Street experience accessibility loss. This is due to the truncated service extent of local Route 21 at Minnehaha Avenue in Minneapolis. The Snelling Avenue and Lake Street area may benefit from coordinating B Line service with existing A Line schedules to overcome any service reductions of Route 21. Accessibility results for 4:00–6:00 PM are similar to those of the morning peak hour. The weekday midday scenario finds larger accessibility losses around east metro routes that connect with the existing Route 21 in Downtown Saint Paul.



**Figure 11** B Line snapshot, accessibility percent change between the funded baseline and the prospective network, 7:00–9:00 AM, time-weighted.

### **4.3.3 Prospective Network: E Line**

The accessibility impact of E Line and the proposed service changes to local Route 6 generate a mix of accessibility changes within the corridor (see Figure 12). Much of the accessibility gains and losses are concentrated in the southwest portion of the E Line corridor. The change in local Route 6 (removing service along France Avenue) contributes to an accessibility decrease at the elbow of France Avenue and 44th Street. Moving south along the E Line corridor, accessibility increases of over 100% are observed. On either side of E Line, where Route 6 operates on parallel roads Woodale Avenue and Xerxes Avenue, modest to medium accessibility loss occurs. The accessibility decrease is up to 35% on Woodale Avenue where the proposed Route 6 no longer operates. Xerxes Avenue South maintains Route 6 service but with reduced frequency an accessibility decrease of up to 4% is observed for blocks along the southern portion of the corridor. South of the E Line terminus, minor accessibility gains and losses occur which correspond with service changes to Route 6. The E Line corridor is a good example of the significant influence local routes can have on the outcome of transitway investments. Similar results are found for the weekday evening peak scenario, however the weekday midday scenario shows fewer blocks that experience accessibility loss.



**Figure 12** E Line snapshot, accessibility percent change between the funded baseline and the prospective network, 7:00–9:00 AM, time-weighted.

## 4.4 Prospective Network Leave-One-Out Scenarios

The individual benefits of each BRT line are explored in the following three subsections (4.4.1, 4.4.2, 4.4.3). The change in accessibility is captured by taking the difference between the prospective network (D, B, E Lines) and three leave-one-out networks (B, E), (D, E), and (D, B) corresponding with the accessibility impact of D Line, B Line, and E Line respectively. Each analysis can be interpreted as the additional accessibility benefit the selected BRT line brings to the remaining prospective network. The difference between Section 4.3 and the three analyses discussed here is the ability to show network effects from the selected BRT line on other high-frequency corridors.

- D Line Accessibility Benefit: (D, B, E; Local 5, 21, 6) – (B, E; Local 21, 6)
- B Line Accessibility Benefit: (D, B, E; Local 5, 21, 6) – (D, E; Local 5, 6)
- E Line Accessibility Benefit: (D, B, E; Local 5, 21, 6) – (D, B; Local 5, 21)

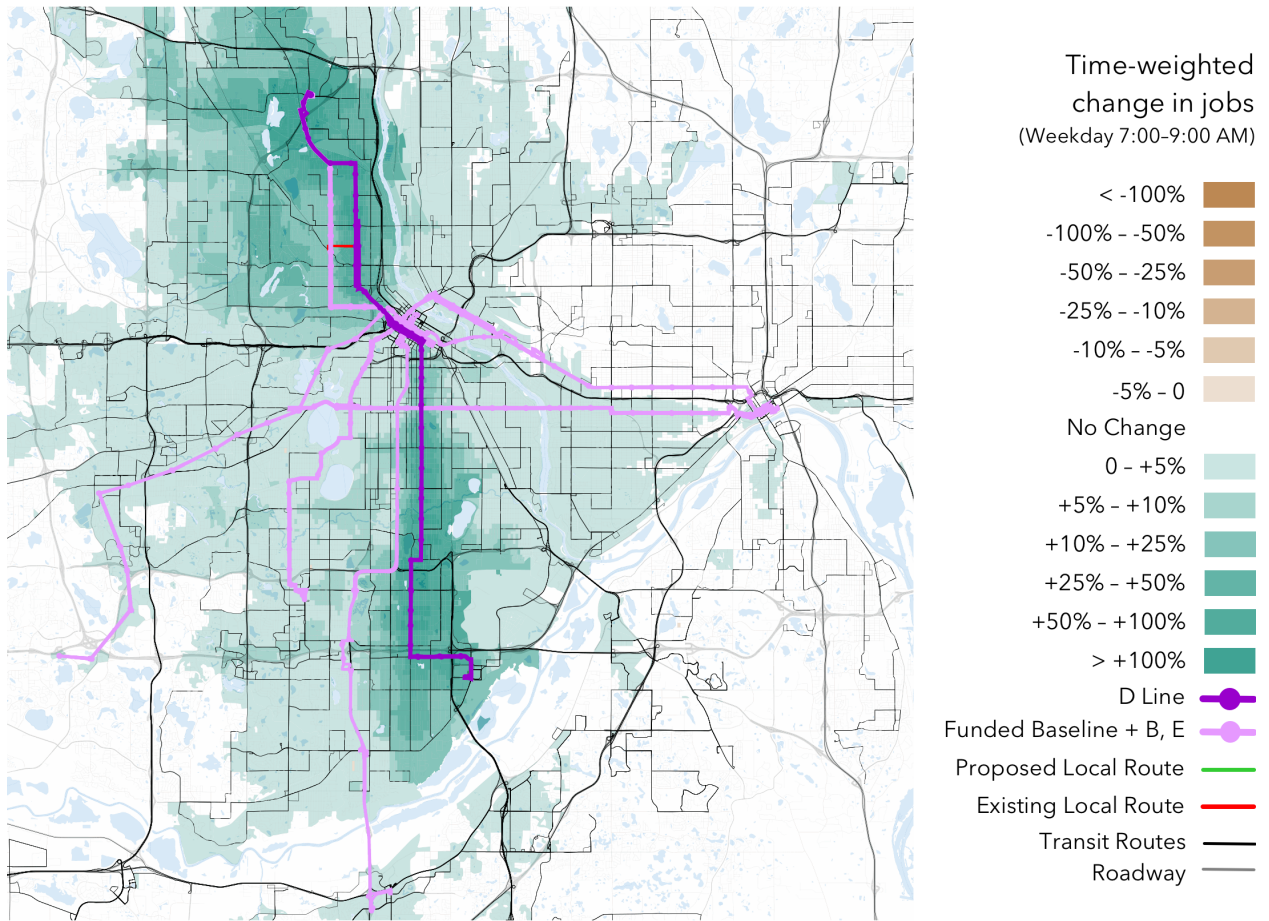
### 4.4.1 D Line

The addition of D Line represents a substantial portion of the accessibility gains made by the prospective network. The travel-time-weighted accessibility for the average worker in the Metropolitan Council’s jurisdiction increases by 4.16% as a result of high-frequency D Line service and minimal changes to the Route 5 corridor (decreased frequency). Table 8 gives the accessibility change for the average worker residing within the Metropolitan Council’s jurisdiction and for those living within a half-mile of any transit stop on the prospective network. In some areas to the north and south of Minneapolis, positive accessibility change exceeds 150% of the funded baseline levels. The time-weighted change can be seen in Figure 13. The CTUs that experience the greatest accessibility change are provided in Table 9. The list is similar to the prospective network scenario described in Section 4.3, however, Saint Paul and West Saint Paul do not appear on the D Line top 20 list.

**Table 8** Accessibility and accessibility change by adding D Line to the prospective network, worker-weighted averages for metro and half-mile areas, 7:00–9:00 AM.

	15 min	30 min	45 min	60 min	Time-weighted
Metro Change	+175 (+4.78%)	+2,551 (+6.19%)	+6,064 (+4.34%)	+9,176 (+3.09%)	+550 (+4.16%)
Half-mile Change	+309 (+8.50%)	+5,082 (+11.65%)	+13,213 (+8.58%)	+20,629 (+6.30%)	+1,144 (+8.17%)





**Figure 13** Accessibility percent change by adding D Line to the prospective network (funded + B, E Lines), 7:00–9:00 AM, time-weighted.

**Table 9** Top 20 CTUs, worker-weighted accessibility change (percent change) by adding D Line to the prospective network, weekday morning peak (7:00 AM–9:00 AM), time-weighted and ranked by percent change.

CTU	15 min	30 min	45 min	60 min	Time-weighted
Brooklyn Center	+15 (+1.18%)	+3,508 (+34.19%)	+41,153 (+77.41%)	+66,791 (+34.48%)	+2,208 (+44.77%)
Robbinsdale	+0 (+0.03%)	+1,959 (+14.84%)	+43,948 (+74.82%)	+58,073 (+26.45%)	+2,029 (+36.42%)
Richfield	+241 (+9.75%)	+17,094 (+50.17%)	+76,095 (+47.17%)	+78,789 (+19.28%)	+4,645 (+35.97%)
Fort Snelling	+8 (+0.65%)	+7,989 (+37.32%)	+48,117 (+35.63%)	+45,632 (+11.49%)	+2,530 (+24.09%)
Crystal	+0 (+0.13%)	+270 (+3.49%)	+12,348 (+29.61%)	+38,130 (+26.57%)	+790 (+21.74%)
Minneapolis	+1,359 (+36.60%)	+17,764 (+39.14%)	+28,323 (+11.87%)	+34,954 (+6.91%)	+3,153 (+16.37%)
Golden Valley	+4 (+0.12%)	+1,420 (+9.53%)	+13,566 (+17.36%)	+23,440 (+9.27%)	+766 (+12.06%)
New Hope	+0 (+0.00%)	+20 (+0.17%)	+3,829 (+8.01%)	+24,742 (+18.45%)	+387 (+9.59%)
Bloomington	-4 (-0.14%)	+587 (+1.93%)	+12,643 (+13.31%)	+27,398 (+10.97%)	+716 (+9.23%)
Brooklyn Park	+0 (+0.00%)	+12 (+0.15%)	+1,658 (+4.52%)	+14,723 (+14.32%)	+211 (+7.50%)
Edina	+0 (+0.21%)	+168 (+0.46%)	+3,932 (+3.46%)	+8,370 (+3.65%)	+216 (+2.57%)
Minnetonka Beach	+0 (+0.00%)	+0 (+0.00%)	+171 (+1.80%)	+1,090 (+2.48%)	+16 (+1.98%)
Saint Louis Park	+0 (0.00%)	+234 (+0.61%)	+4,186 (+2.32%)	+7,718 (+1.94%)	+232 (+1.86%)
Spring Park	+0 (+0.00%)	+0 (+0.00%)	+94 (+1.13%)	+1,074 (+2.57%)	+15 (+1.62%)
Hopkins	+0 (0.00%)	+0 (+0.00%)	+1,871 (+1.37%)	+7,903 (+3.00%)	+141 (+1.59%)
Wayzata	+0 (+0.00%)	+4 (+0.03%)	+535 (+1.18%)	+1,791 (+1.58%)	+36 (+1.09%)
Saint Anthony	+0 (+0.00%)	+40 (+0.11%)	+2,077 (+1.14%)	+5,515 (+1.46%)	+125 (+1.09%)
Columbia Heights	+0 (+0.00%)	+3 (+0.01%)	+1,326 (+0.91%)	+4,069 (+1.28%)	+83 (+0.97%)
Hilltop	+0 (+0.00%)	+9 (+0.05%)	+2,145 (+1.21%)	+3,956 (+1.03%)	+106 (+0.93%)
Long Lake	+0 (+0.00%)	+0 (+0.00%)	+109 (+1.62%)	+164 (+1.14%)	+4 (+0.85%)

#### 4.4.2 B Line

The proposed B Line corridor and complimentary changes to Route 21 impose modest increases to the accessibility profile of the prospective transit network as seen in Figure 14. The average worker in the Metropolitan Council may experience an accessibility increase of 0.48% as a direct result of B Line service characteristics. Within a half-mile of transit stops in the network, accessibility increases by 0.84% (see Table 10). B Line appears to function as a supporting route for other transit services in the area. Network effects are visible along the South Minneapolis transit corridors and local routes of service perpendicular to B Line on Dale Street and Lexington Parkway respectively.

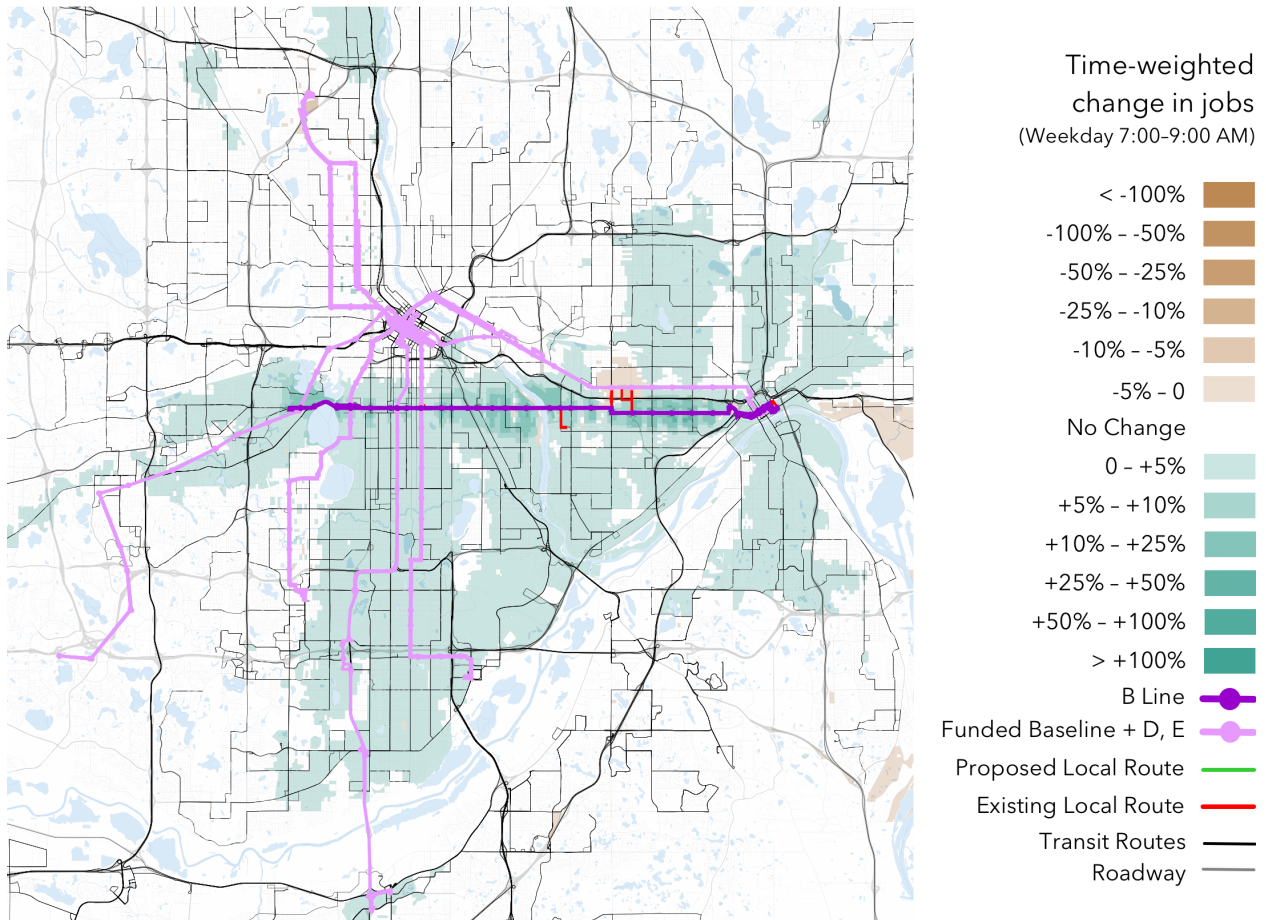
Competing factors are at play within the B Line accessibility results. Along Lake Street from Minneapolis to Saint Paul, the added service on B Line produces accessibility increases. However, lower service frequency and reductions to the extent of Route 21 contribute to minor accessibility loss near the intersection of Snelling Avenue and University Avenue. The areas where accessibility decreases are observed are likely due to the loss of timed transfers with the A Line BRT and other commuter transit routes in the East Metro. These changes range from 0.5% to 6.0%. B Line may achieve larger accessibility benefits to the region by coordinating the local routes that intersect with B Line stops and schedules.

The top 20 CTUs whose workers experience the largest increases in transit accessibility due to the addition of B Line tend to be in the East Metro including Fort Snelling, Saint Paul, Minneapolis, Richfield, and West Saint Paul (see Table 11). All increases are fairly modest compared with the magnitude of accessibility gains made by the addition of D Line to the prospective transit network.



**Table 10** Accessibility and accessibility change by adding B Line to the prospective network, worker-weighted averages for metro and half-mile areas, 7:00–9:00 AM.

	15 min	30 min	45 min	60 min	Time-weighted
Metro Change	+12 (+0.11%)	+330 (+0.41%)	+1,228 (+0.47%)	+2,371 (+0.52%)	+95 (+0.48%)
Half-mile Change	+22 (+0.19%)	+573 (+0.71%)	+2,129 (+0.82%)	+4,100 (+0.90%)	+164 (+0.84%)



**Figure 14** Accessibility percent change by adding B Line to the prospective network (funded + D, E Lines), 7:00–9:00 AM, time-weighted.

**Table 11** Top 20 CTUs, worker-weighted accessibility change (percent change) by adding B Line to the prospective network, weekday morning peak (7:00 AM–9:00 AM), time-weighted and ranked by percent change.

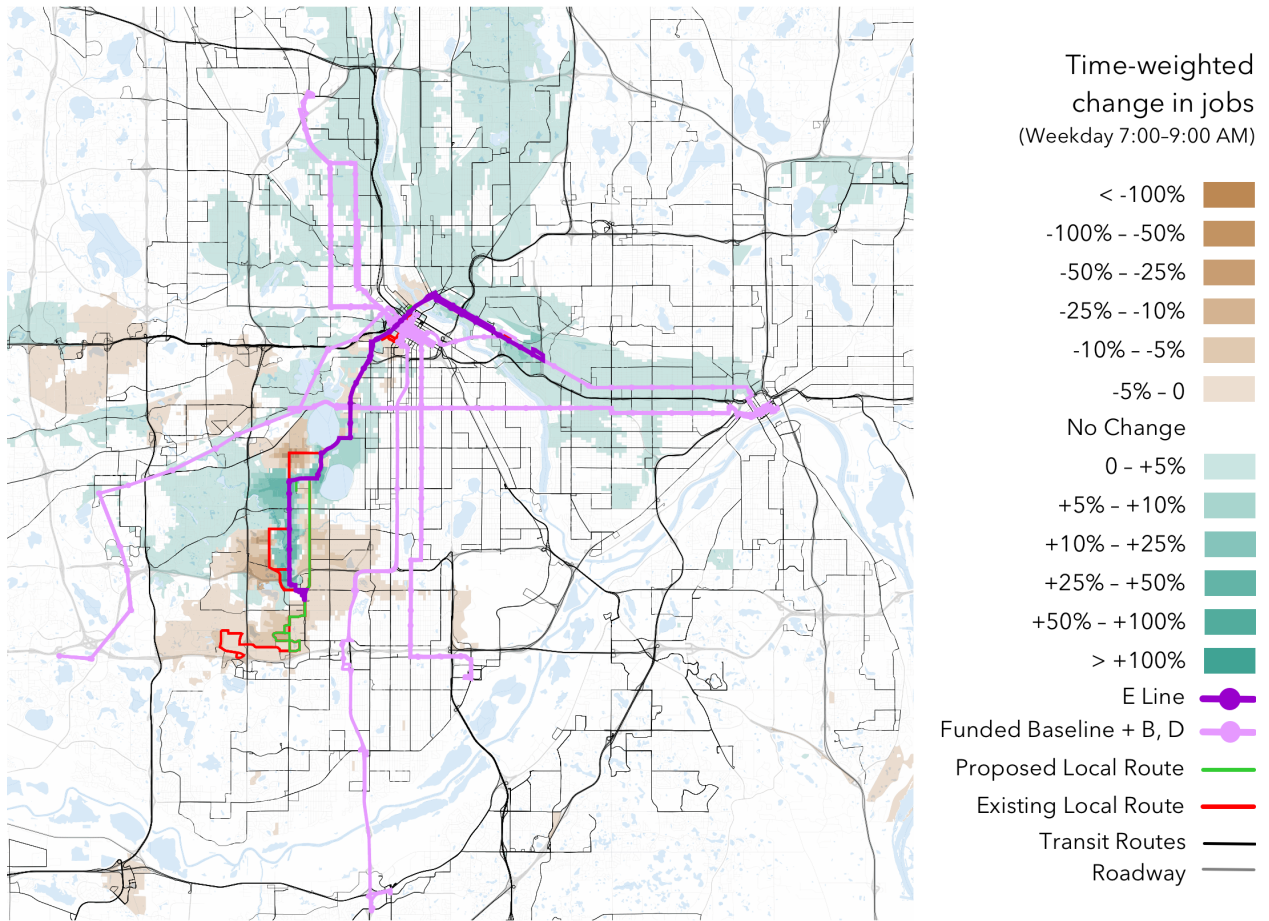
CTU	15 min	30 min	45 min	60 min	Time-weighted
Fort Snelling	+0 (+0.00%)	+300 (+0.65%)	+4,690 (+3.37%)	+11,595 (+2.62%)	+281 (+2.36%)
Saint Paul	+58 (+0.44%)	+1,423 (+1.85%)	+4,205 (+1.91%)	+8,152 (+1.81%)	+362 (+1.90%)
Minneapolis	+58 (+0.61%)	+1,513 (+1.76%)	+5,563 (+1.65%)	+9,054 (+1.52%)	+410 (+1.60%)
Richfield	+1 (+0.02%)	+591 (+0.78%)	+3,896 (+1.37%)	+12,491 (+2.39%)	+304 (+1.49%)
West Saint Paul	+0 (+0.02%)	+318 (+1.12%)	+1,000 (+1.06%)	+3,174 (+1.48%)	+93 (+1.22%)
Saint Louis Park	+1 (+0.03%)	+124 (+0.43%)	+2,209 (+1.20%)	+4,592 (+1.09%)	+125 (+0.97%)
Roseville	+0 (+0.00%)	-22 (-0.08%)	+1,296 (+1.39%)	+2,647 (+0.84%)	+59 (+0.83%)
Bloomington	+0 (-0.02%)	+18 (+0.04%)	+630 (+0.46%)	+2,895 (+0.91%)	+52 (+0.58%)
Landfall	+0 (+0.00%)	+0 (+0.00%)	+39 (+0.15%)	+834 (+1.00%)	+10 (+0.53%)
South Saint Paul	-2 (-1.08%)	-7 (-0.11%)	+99 (+0.20%)	+1,265 (+1.07%)	+15 (+0.46%)
Hopkins	+0 (+0.00%)	+2 (+0.01%)	+307 (+0.24%)	+2,553 (+0.95%)	+37 (+0.43%)
Sunfish Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+115 (+0.33%)	+1 (+0.36%)
Brooklyn Park	+0 (+0.00%)	+0 (+0.00%)	+103 (+0.20%)	+673 (+0.46%)	+10 (+0.34%)
Oakdale	+0 (+0.00%)	+0 (+0.01%)	+57 (+0.15%)	+512 (+0.61%)	+7 (+0.31%)
Minnnetonka Beach	+0 (+0.00%)	+0 (+0.00%)	+1 (+0.00%)	+230 (+0.48%)	+2 (+0.27%)
Brooklyn Center	+0 (-0.01%)	+15 (+0.04%)	+364 (+0.27%)	+846 (+0.28%)	+21 (+0.25%)
Spring Park	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+207 (+0.47%)	+2 (+0.25%)
Maplewood	+0 (+0.00%)	+2 (+0.01%)	+130 (+0.18%)	+498 (+0.31%)	+9 (+0.22%)
Crystal	+0 (+0.00%)	+2 (+0.02%)	+221 (+0.32%)	+443 (+0.23%)	+10 (+0.21%)
Mendota Heights	+0 (+0.01%)	+0 (+0.02%)	+30 (+0.10%)	+276 (+0.33%)	+4 (+0.21%)

### 4.4.3 E Line

The proposed E Line corridor and complimentary Route 6 changes bring modest accessibility increases to the Metropolitan Council’s jurisdiction as seen in Figure 15. The average worker in the region may experience a 0.14% increase in access to jobs as a result of the proposed E Line transit service. Reduction in frequency and changes to the operating corridor for Route 6 reduce transit service in the southern portion of the E Line corridor. Accessibility increases are largest surrounding E Line in the Linden Hills neighborhood, reaching over 100% of the funded baseline levels. Accessibility decreases are observed where Route 6 is removed (red). Workers living near the elbow of France Avenue and 44th Street have longer to travel to reach transit service on E Line or the proposed Route 6 corridor. The additional travel time outweighs the accessibility benefits of higher frequency transit in the area. The same can be concluded for Woodale Avenue where Route 6 is also removed. Modest accessibility increases occur on the north end of the E Line corridor. Table 13 indicates that Saint Anthony experiences the second largest gain in accessibility by the addition of E Line. South of the E Line corridor, minor accessibility gains and losses occur which correspond with service changes to Route 6. The E Line corridor is a good example of the significant influence local routes can have on the outcome of transitway investments.

**Table 12** Accessibility and accessibility change by adding E Line to the prospective network, worker-weighted averages for metro and half-mile areas, 7:00–9:00 AM.

	<b>15 min</b>	<b>30 min</b>	<b>45 min</b>	<b>60 min</b>	<b>Time-weighted</b>
Metro Change	-8 (+0.02%)	+74 (+0.07%)	+466 (+0.16%)	+817 (+0.17%)	+27 (+0.14%)
Half-mile Change	-14 (+0.04%)	+128 (+0.13%)	+804 (+0.26%)	+1,400 (+0.31%)	+46 (+0.23%)



**Figure 15** Accessibility percent change by adding E Line to the prospective network (funded + B, D Lines), 7:00–9:00 AM, time-weighted.

**Table 13** Top 20 CTUs, worker-weighted accessibility change (percent change) by adding E Line to the prospective network, weekday morning peak (7:00 AM–9:00 AM), time-weighted and ranked by percent change.

CTU	15 min	30 min	45 min	60 min	Time-weighted
Edina	+9 (+2.67%)	+270 (+1.93%)	+2,380 (+1.51%)	+7,005 (+1.79%)	+175 (+1.64%)
Saint Anthony	+0 (+0.00%)	+27 (+0.08%)	+2,580 (+1.66%)	+3,328 (+0.90%)	+113 (+1.05%)
Long Lake	+0 (+0.00%)	+0 (0.00%)	+40 (+0.60%)	+494 (+2.10%)	+6 (+1.04%)
New Brighton	+0 (+0.00%)	+0 (0.00%)	+226 (+0.37%)	+2,481 (+1.59%)	+35 (+1.01%)
Deephaven	+0 (+0.00%)	+0 (+0.00%)	+9 (+0.11%)	+293 (+1.64%)	+3 (+0.90%)
Columbia Heights	+0 (+0.00%)	-1 (-0.01%)	-63 (+0.11%)	+4,029 (+1.22%)	+52 (+0.68%)
Wayzata	+0 (+0.00%)	+11 (+0.08%)	+299 (+0.57%)	+1,917 (+0.97%)	+32 (+0.66%)
Fridley	+0 (+0.00%)	-6 (-0.03%)	+68 (+0.08%)	+2,250 (+1.09%)	+27 (+0.53%)
Minneapolis	-62 (-0.12%)	+567 (+0.62%)	+2,591 (+0.78%)	+2,681 (+0.46%)	+137 (+0.52%)
Woodland	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+118 (+0.97%)	+1 (+0.50%)
Hilltop	+0 (+0.00%)	+9 (+0.04%)	-1,118 (-0.63%)	+5,201 (+1.34%)	+47 (+0.42%)
Brooklyn Center	+0 (+0.00%)	+4 (+0.02%)	+407 (+0.32%)	+1,869 (+0.55%)	+33 (+0.38%)
Saint Paul	+3 (+0.01%)	+190 (+0.20%)	+1,365 (+0.48%)	+2,084 (+0.43%)	+80 (+0.36%)
Robbinsdale	+0 (+0.00%)	+7 (+0.04%)	+116 (+0.08%)	+2,490 (+0.70%)	+34 (+0.34%)
Lauderdale	+0 (+0.00%)	+255 (+0.48%)	+947 (+0.38%)	+1,183 (+0.22%)	+65 (+0.34%)
Golden Valley	+0 (0.00%)	-24 (-0.06%)	+202 (+0.15%)	+1,602 (+0.52%)	+22 (+0.28%)
Hopkins	+0 (+0.00%)	-2 (+0.00%)	-258 (-0.28%)	+2,764 (+0.86%)	+26 (+0.27%)
Mounds View	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)	+549 (+0.59%)	+6 (+0.26%)
Crystal	+0 (+0.00%)	+0 (+0.00%)	+116 (+0.12%)	+996 (+0.36%)	+14 (+0.21%)
Little Canada	+0 (+0.00%)	+0 (+0.00%)	+1 (+0.00%)	+349 (+0.41%)	+4 (+0.19%)

## 5 Conclusion

The transit infrastructure investments described in this study connect workers in the Metropolitan Council's jurisdiction to more jobs in less travel time. The five transitway scenarios improve accessibility across the region and especially increase accessibility for workers living near transit stops. The May 2019 transit network provides the average worker with access to 73,824 jobs in 45 minutes of transit travel during the morning peak hours. The funded baseline introduces the C Line, Green Line Extension, and Orange Line to the network—adding transit stations and increased service frequency along new and existing corridors. On the funded transit network, the average worker may experience a job accessibility increase from the May 2019 baseline of 2.29% averaged over all travel time thresholds. In this scenario, most blocks experience improved transit accessibility while some lose accessibility where Route 19 service reductions occur.

The prospective transit network includes the funded baseline with the addition of the D Line, B Line, and E Line BRT routes. These routes provide high-frequency transit service to three existing transit corridors. Each BRT route augments local routes 5, 21, and 6. The prospective network improves transit accessibility for the average worker by 5.51% averaged across all travel time thresholds. The accessibility improvements are likely due to increased service frequency, travel speed, and route directness. The modifications made to local routes 5, 21, and 6 result in accessibility decreases for several groups of blocks. These areas experience combinations of reduced service frequency on local routes and longer walking distances to high-frequency routes.

Three “leave-one-out” scenarios expose the relative accessibility impact of each BRT line to the prospective network. From these analyses, it is found that the D Line has the greatest impact on connecting more workers with jobs in shorter travel times. The majority of accessibility benefits associated with the prospective network are from the D Line service and the numerous local transit connections made in the corridor. The B Line appears to provide a backbone of transit service across the east-west axis of the urban Metropolitan Council's region. Saint Paul workers gain the most accessibility benefits as a result of B Line connections and frequency. Finally, E Line and the changes to local Route 6 introduce accessibility gains of over 100% in some neighborhoods, while decreasing accessibility by up to 35% in areas that lose Route 6 service. The E Line corridor is an example of the ways transit network changes can manifest in accessibility impacts that change from block to block. The insights from these data can inform the implementation of the E Line and the supporting transit network to best serve the residents in the Metropolitan Council's jurisdiction.

Any changes to the transit schedules provided in this study could increase or decrease accessibility results depending on route alignment, stop spacing, frequency and many other factors. The modifications to local routes that intersect or compliment the six transitways studied here will likely introduce some accessibility loss in blocks where service cuts occur. Given the widespread accessibility increases found for all scenarios, it is expected that localized change will not alter the regional accessibility results. Although not incorporated into this analysis, drive-to-transit access methods and including fully timed schedules would likely increase the regional accessibility found for the Metropolitan Council's jurisdiction.



## A Accessibility Tables

The accessibility results are weighted by the worker population in each Census block analysis unit. The weighted values are averaged for each CTU. Only the regions within the Metropolitan Council jurisdiction are included within the worker-weighted accessibility averaging process. The worker-weighted results for each travel time threshold are combined using the method described in [Section 3.4.2](#).

Results for the funded baseline (Tables [A1—A4](#)) and prospective networks (Tables [A5—A7](#)) are listed **alphabetically** by the CTU name for the metro-wide and CTU worker-weighted and time-weighted accessibility results.

## C Line, Orange Line, Green Line Extension

**Table A1** Worker-weighted accessibility weekday 7:00–9:00 AM, May 2019 baseline vs funded baseline transit networks, Metropolitan Council CTUs listed alphabetically.

CTU	15 min	30 min	45 min	60 min	Time-weighted
Metro	+9 (+0.42%)	+807 (+1.89%)	+4,376 (+3.48%)	+11,453 (+5.10%)	+324 (+3.31%)
Afton	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Albertville	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Andover	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Anoka	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	-2 (0.00%)	+0 (0.00%)
Apple Valley	+0 (+0.00%)	+0 (+0.00%)	+2 (+0.02%)	+227 (+0.57%)	+2 (+0.21%)
Arden Hills	+0 (+0.00%)	+0 (+0.00%)	+1 (+0.00%)	+11 (+0.02%)	+0 (+0.01%)
Bayport	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Baytown Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Belle Plaine	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Belle Plaine Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Benton Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Bethel	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Big Lake Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Birchwood Village	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Blaine	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+33 (+0.05%)	+0 (+0.02%)
Blakeley Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Bloomington	+1 (+0.02%)	+278 (+1.36%)	+5,923 (+7.64%)	+27,889 (+14.31%)	+509 (+8.63%)
Brooklyn Center	-2 (-0.11%)	-43 (-0.54%)	+474 (+0.23%)	+6,498 (+2.46%)	+84 (+1.26%)
Brooklyn Park	+0 (0.00%)	-2 (-0.05%)	-39 (-0.20%)	+416 (+0.05%)	+3 (0.00%)
Burnsville	+0 (+0.01%)	+96 (+1.00%)	+3,175 (+10.25%)	+24,186 (+24.79%)	+371 (+13.45%)
Camden Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Carver	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Castle Rock Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Cedar Lake Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Centerville	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Champlin	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+52 (+0.08%)	+0 (+0.05%)
Chanhassen	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Chaska	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Circle Pines	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Coates	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Cologne	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Columbia Heights	+0 (+0.00%)	+5 (+0.05%)	+319 (+0.25%)	+2,666 (+0.77%)	+41 (+0.45%)
Columbus	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)

**Table A1** Worker-weighted accessibility weekday 7:00–9:00 AM, May 2019 baseline vs funded baseline transit networks, Metropolitan Council CTUs listed alphabetically.

CTU	15 min	30 min	45 min	60 min	Time-weighted
Coon Rapids	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+34 (+0.02%)	+0 (+0.01%)
Corcoran	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Cottage Grove	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Credit River Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Crystal	+0 (-0.01%)	-13 (-0.21%)	+227 (+0.04%)	+2,903 (+1.45%)	+38 (+0.70%)
Dahlgren Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Dayton	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Deephaven	+0 (+0.00%)	+0 (+0.00%)	+1 (+0.03%)	+249 (+1.39%)	+2 (+0.60%)
Dellwood	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Denmark	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Derrynane Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Douglas Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Eagan	+0 (-0.03%)	+0 (0.00%)	+2 (+0.01%)	+393 (+0.33%)	+4 (+0.16%)
East Bethel	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Eden Prairie	+20 (+6.78%)	+379 (+2.51%)	+2,203 (+8.36%)	+10,861 (+29.07%)	+223 (+11.10%)
Edina	+0 (+0.00%)	+150 (+0.69%)	+3,284 (+4.31%)	+15,234 (+10.80%)	+281 (+5.69%)
Elk River	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Elko New Market	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Empire Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Eureka Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Excelsior	+0 (+0.00%)	+0 (+0.00%)	+14 (+0.29%)	+902 (+9.67%)	+10 (+1.21%)
Falcon Heights	+0 (+0.00%)	+0 (+0.00%)	+489 (+0.20%)	+2,319 (+0.46%)	+41 (+0.25%)
Farmington	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Faxon Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Forest Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Fort Snelling Township	+0 (+0.00%)	+195 (+0.61%)	+4,818 (+4.20%)	+6,525 (+1.66%)	+212 (+2.11%)
Fridley	+0 (0.00%)	+0 (+0.00%)	+83 (+0.08%)	+2,449 (+0.92%)	+31 (+0.42%)
Gem Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Golden Valley	+0 (-0.04%)	+37 (+0.19%)	+1,108 (+1.01%)	+7,543 (+2.66%)	+124 (+1.61%)
Grant	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Greenfield	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Greenville Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Greenwood	+0 (+0.00%)	+0 (+0.00%)	+2 (+0.06%)	+184 (+2.21%)	+2 (+0.38%)
Grey Cloud Island Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Ham Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)	+0 (+0.00%)
Hamburg	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hampton	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hampton Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hancock Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hanover	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hastings	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Helena Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hilltop	+0 (+0.00%)	-4 (-0.03%)	+513 (+0.30%)	+3,354 (+0.87%)	+52 (+0.45%)
Hollywood Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hopkins	+30 (+0.56%)	+3,671 (+17.58%)	+28,296 (+44.06%)	+117,142 (+77.82%)	+2,437 (+38.40%)
Hugo	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Independence	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Inver Grove Heights	+0 (+0.01%)	+5 (+0.20%)	+14 (+0.16%)	+21 (+0.07%)	+1 (+0.10%)
Jackson Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Jordan	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Lake Elmo	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)

**Table A1** Worker-weighted accessibility weekday 7:00–9:00 AM, May 2019 baseline vs funded baseline transit networks, Metropolitan Council CTUs listed alphabetically.

CTU	15 min	30 min	45 min	60 min	Time-weighted
Lake Saint Croix Beach	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (-0.01%)
Lakeland	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Lakeland Shores	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Laketown Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Lakeville	+0 (+0.00%)	+0 (0.00%)	+0 (+0.00%)	+7 (+0.01%)	+0 (+0.01%)
Landfall	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+8 (+0.01%)	+0 (+0.00%)
Lauderdale	+0 (+0.00%)	+5 (+0.01%)	+616 (+0.22%)	+5,982 (+1.14%)	+92 (+0.48%)
Lexington	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+3 (+0.00%)	+0 (+0.01%)
Lilydale	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)
Lino Lakes	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Linwood Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Little Canada	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+8 (+0.01%)	+0 (+0.00%)
Long Lake	+0 (+0.00%)	+0 (+0.00%)	+4 (+0.05%)	+326 (+1.86%)	+4 (+0.73%)
Loretto	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Louisville Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Mahtomedi	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Maple Grove	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+58 (+0.09%)	+0 (+0.04%)
Maple Plain	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Maplewood	+0 (+0.00%)	+0 (0.00%)	+0 (0.00%)	+52 (+0.03%)	+0 (+0.00%)
Marine on Saint Croix	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Marshan Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
May Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Mayer	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Medicine Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Medina	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Mendota	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.02%)
Mendota Heights	+0 (+0.01%)	+0 (+0.01%)	+5 (+0.02%)	+293 (+0.31%)	+3 (+0.15%)
Miesville	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Minneapolis	+32 (+0.52%)	+3,078 (+5.29%)	+10,953 (+4.12%)	+23,873 (+4.48%)	+852 (+4.06%)
Minnnetonka	+0 (+0.01%)	+249 (+1.58%)	+3,175 (+10.18%)	+15,618 (+23.39%)	+286 (+10.72%)
Minnnetonka Beach	+0 (+0.00%)	+0 (+0.00%)	+17 (+0.11%)	+1,767 (+3.60%)	+21 (+2.27%)
Minnetrissa	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Mound	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+133 (+0.45%)	+1 (+0.19%)
Mounds View	+0 (+0.00%)	-1 (-0.02%)	+0 (0.00%)	+21 (+0.03%)	+0 (+0.01%)
New Brighton	+0 (+0.00%)	+0 (0.00%)	+4 (+0.00%)	+22 (+0.00%)	+0 (+0.00%)
New Germany	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
New Hope	+0 (+0.00%)	-5 (-0.04%)	-46 (-0.12%)	+1,395 (+0.95%)	+13 (+0.37%)
New Market Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
New Prague	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
New Trier	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Newport	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+6 (+0.02%)	+0 (+0.01%)
Nininger Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
North Oaks	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
North Saint Paul	+0 (0.00%)	+0 (-0.01%)	+0 (0.00%)	-2 (0.00%)	+0 (0.00%)
Northfield	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Norwood Young America	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Nowthen	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Oak Grove	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.03%)
Oak Park Heights	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)	+0 (+0.00%)
Oakdale	+0 (+0.00%)	+0 (0.00%)	+0 (+0.00%)	+73 (+0.07%)	+0 (+0.02%)
Orono	+0 (+0.00%)	+0 (+0.00%)	+4 (+0.02%)	+375 (+0.85%)	+4 (+0.44%)

**Table A1** Worker-weighted accessibility weekday 7:00–9:00 AM, May 2019 baseline vs funded baseline transit networks, Metropolitan Council CTUs listed alphabetically.

CTU	15 min	30 min	45 min	60 min	Time-weighted
Osseo	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	-2 (-0.01%)	+0 (0.00%)
Otsego	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Pine Springs	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Plymouth	+0 (+0.00%)	+0 (+0.00%)	+1 (+0.00%)	+129 (+0.12%)	+1 (+0.05%)
Prior Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Ramsey	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Randolph	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Randolph Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Ravenna Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Richfield	+46 (+0.72%)	+2,542 (+5.35%)	+24,961 (+13.23%)	+26,823 (+6.56%)	+1,227 (+8.16%)
Robbinsdale	+0 (-0.21%)	+5 (-0.74%)	+6,112 (+6.64%)	+11,972 (+4.63%)	+306 (+4.42%)
Rockford	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Rogers	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Rosemount	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)	+0 (0.00%)
Roseville	+0 (0.00%)	+0 (+0.00%)	+28 (+0.03%)	+518 (+0.16%)	+6 (+0.08%)
Saint Anthony	+0 (+0.00%)	+0 (0.00%)	+67 (+0.05%)	+2,163 (+0.56%)	+27 (+0.24%)
Saint Bonifacius	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Saint Francis	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Saint Lawrence Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Saint Louis Park	+46 (+2.50%)	+2,565 (+12.96%)	+25,689 (+25.05%)	+50,655 (+16.01%)	+1,527 (+16.92%)
Saint Marys Point	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Saint Michael	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Saint Paul	+0 (+0.03%)	+47 (+0.05%)	+774 (+0.31%)	+2,353 (+0.53%)	+51 (+0.28%)
Saint Paul Park	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)	+0 (+0.00%)
San Francisco Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Sand Creek Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Savage	+0 (+0.00%)	+0 (+0.00%)	+85 (+0.58%)	+1,631 (+4.18%)	+21 (+1.68%)
Scandia	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Sciota Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Shakopee	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Shoreview	+0 (+0.00%)	+0 (+0.00%)	+1 (+0.00%)	+29 (+0.03%)	+0 (+0.02%)
Shorewood	+0 (+0.00%)	+0 (+0.00%)	+5 (+0.09%)	+185 (+1.56%)	+2 (+0.50%)
South Saint Paul	+2 (+1.41%)	+8 (+0.13%)	+5 (+0.02%)	+48 (+0.03%)	+2 (+0.06%)
Spring Lake Park	-1 (-0.02%)	+0 (+0.00%)	+2 (+0.00%)	+821 (+0.41%)	+9 (+0.14%)
Spring Lake Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Spring Park	+0 (+0.00%)	+0 (+0.00%)	+2 (+0.03%)	+1,546 (+3.56%)	+16 (+1.62%)
Stanford Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Stanton Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Stillwater	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Stillwater Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Sunfish Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+6 (+0.02%)	+0 (+0.14%)
Tonka Bay	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Vadnais Heights	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+2 (+0.00%)	+0 (+0.00%)
Vermillion	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Vermillion Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Victoria	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Waconia	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Waconia Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Waterford Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Watertown	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Watertown Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)

**Table A1** Worker-weighted accessibility weekday 7:00–9:00 AM, May 2019 baseline vs funded baseline transit networks, Metropolitan Council CTUs listed alphabetically.

CTU	15 min	30 min	45 min	60 min	Time-weighted
Wayzata	+0 (+0.00%)	+0 (+0.00%)	+340 (+0.59%)	+3,655 (+2.61%)	+50 (+1.32%)
Welch Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
West Lakeland Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
West Saint Paul	+0 (-0.02%)	+13 (+0.07%)	+66 (+0.06%)	+1,405 (+0.62%)	+19 (+0.24%)
White Bear Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+1 (+0.00%)	+0 (+0.00%)
White Bear Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Willernie	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Woodbury	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+9 (+0.01%)	+0 (+0.00%)
Woodland	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+7 (+0.04%)	+0 (+0.04%)
Young America Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)

**Table A2** Worker-weighted accessibility weekday 11:00 AM–1:00 PM, May 2019 baseline vs funded baseline transit networks, Metropolitan Council CTUs listed alphabetically.

CTU	15 min	30 min	45 min	60 min	Time-weighted
Metro	+6 (+0.33%)	+572 (+1.79%)	+3,086 (+3.48%)	+8,170 (+4.99%)	+230 (+3.04)%
Afton	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Albertville	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Andover	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Anoka	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)	+0 (0.00%)
Apple Valley	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+46 (+0.12%)	+0 (+0.06%)
Arden Hills	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+3 (+0.00%)	+0 (+0.00%)
Bayport	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Baytown Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Belle Plaine	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Belle Plaine Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Benton Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Bethel	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Big Lake Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Birchwood Village	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Blaine	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)	+0 (0.00%)	+0 (+0.00%)
Blakeley Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Bloomington	+2 (+0.04%)	+306 (+1.49%)	+6,602 (+8.46%)	+25,475 (+12.69%)	+506 (+8.34%)
Brooklyn Center	-1 (-0.17%)	+0 (-0.38%)	+2,672 (+3.96%)	+9,052 (+5.00%)	+177 (+3.89%)
Brooklyn Park	+0 (+0.00%)	-2 (-0.04%)	-24 (-0.16%)	+264 (+0.36%)	+1 (+0.09%)
Burnsville	+0 (+0.00%)	+70 (+0.77%)	+2,184 (+7.74%)	+17,423 (+22.81%)	+263 (+11.27%)
Camden Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Carver	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Castle Rock Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Cedar Lake Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Centerville	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Champlin	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)	+3 (+0.01%)	+0 (+0.01%)
Chanhassen	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Chaska	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Circle Pines	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Coates	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Cologne	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Columbia Heights	+0 (+0.00%)	-1 (-0.01%)	-218 (-0.14%)	+909 (+0.23%)	+5 (+0.04%)
Columbus	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Coon Rapids	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)	-3 (0.00%)	+0 (0.00%)
Corcoran	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Cottage Grove	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Credit River Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Crystal	+0 (-0.01%)	-1 (-0.08%)	+895 (+2.01%)	+8,078 (+8.20%)	+114 (+4.06%)
Dahlgren Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Dayton	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Deephaven	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Dellwood	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Denmark	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Derrynane Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Douglas Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Eagan	+0 (-0.03%)	+0 (+0.00%)	+17 (+0.05%)	+511 (+0.47%)	+6 (+0.24%)
East Bethel	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Eden Prairie	+20 (+6.78%)	+376 (+2.52%)	+2,190 (+8.34%)	+10,760 (+28.87%)	+221 (+11.05%)
Edina	+0 (+0.00%)	+49 (+0.52%)	+2,453 (+4.68%)	+16,172 (+16.32%)	+260 (+7.05%)
Elk River	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)



**Table A2** Worker-weighted accessibility weekday 11:00 AM–1:00 PM, May 2019 baseline vs funded baseline transit networks, Metropolitan Council CTUs listed alphabetically.

CTU	15 min	30 min	45 min	60 min	Time-weighted
Elko New Market	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Empire Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Eureka Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Excelsior	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Falcon Heights	+0 (+0.00%)	+0 (+0.00%)	+425 (+0.19%)	+1,746 (+0.37%)	+32 (+0.22%)
Farlington	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Faxon Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Forest Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Fort Snelling Township	+0 (+0.00%)	+185 (+0.58%)	+12,177 (+10.98%)	+15,433 (+4.21%)	+484 (+5.05%)
Fridley	+0 (0.00%)	-1 (-0.02%)	-35 (-0.06%)	-135 (-0.12%)	-2 (-0.07%)
Gem Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Golden Valley	+0 (0.00%)	+35 (+0.17%)	+1,412 (+2.66%)	+6,666 (+4.44%)	+122 (+3.17%)
Grant	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Greenfield	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Greenvale Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Greenwood	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Grey Cloud Island Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Ham Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)	+0 (+0.00%)
Hamburg	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hampton	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hampton Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hancock Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hanover	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hastings	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Helena Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hilltop	+0 (+0.00%)	-6 (-0.04%)	-524 (-0.38%)	+1,786 (+0.49%)	+8 (+0.08%)
Hollywood Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hopkins	+30 (+0.57%)	+3,906 (+21.01%)	+31,448 (+68.23%)	+155,923 (+165.49%)	+2,987 (+60.86%)
Hugo	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Independence	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Inver Grove Heights	+0 (+0.00%)	+0 (+0.00%)	+1 (+0.01%)	+5 (+0.04%)	+0 (+0.01%)
Jackson Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Jordan	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Lake Elmo	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Lake Saint Croix Beach	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (-0.01%)
Lakeland	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Lakeland Shores	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Laketown Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Lakeville	+0 (+0.00%)	+0 (0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)
Landfall	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	-6 (-0.01%)	+0 (+0.00%)
Lauderdale	+0 (+0.00%)	+6 (+0.01%)	+439 (+0.17%)	+3,738 (+0.73%)	+60 (+0.33%)
Lexington	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Lilydale	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Lino Lakes	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Linwood Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Little Canada	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+1 (+0.00%)	+0 (+0.00%)
Long Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Loretto	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Louisville Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Mahtomedi	+0 (+0.00%)	+0 (+0.01%)	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)
Maple Grove	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)	+1 (+0.00%)	+0 (0.00%)

**Table A2** Worker-weighted accessibility weekday 11:00 AM–1:00 PM, May 2019 baseline vs funded baseline transit networks, Metropolitan Council CTUs listed alphabetically.

CTU	15 min	30 min	45 min	60 min	Time-weighted
Maple Plain	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Maplewood	+0 (0.00%)	+0 (0.00%)	+0 (0.00%)	+9 (+0.00%)	+0 (0.00%)
Marine on Saint Croix	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Marshan Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
May Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Mayer	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Medicine Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Medina	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Mendota	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.02%)
Mendota Heights	+0 (+0.00%)	+0 (+0.01%)	+0 (0.00%)	-1 (+0.01%)	+0 (-0.01%)
Miesville	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Minneapolis	+36 (+1.05%)	+3,544 (+8.98%)	+11,468 (+5.96%)	+24,425 (+5.21%)	+917 (+5.55%)
Minnnetonka	+0 (+0.02%)	+243 (+1.78%)	+3,122 (+11.11%)	+14,967 (+27.49%)	+277 (+11.19%)
Minnnetonka Beach	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Minnetrissa	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Mound	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Mounds View	+0 (+0.00%)	-1 (-0.02%)	+0 (0.00%)	+24 (+0.03%)	+0 (+0.00%)
New Brighton	+0 (+0.00%)	+0 (0.00%)	-1 (-0.01%)	+26 (+0.03%)	+0 (+0.01%)
New Germany	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
New Hope	+0 (+0.00%)	-4 (-0.04%)	+9 (+0.04%)	+2,886 (+4.28%)	+30 (+1.29%)
New Market Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
New Prague	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
New Trier	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Newport	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.01%)	+0 (+0.00%)
Nininger Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
North Oaks	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
North Saint Paul	+0 (0.00%)	+0 (-0.01%)	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)
Northfield	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Norwood Young America	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Nowthen	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Oak Grove	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.03%)
Oak Park Heights	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Oakdale	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)	+0 (+0.00%)	+0 (+0.00%)
Orono	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Osseo	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	-1 (0.00%)	+0 (0.00%)
Otsego	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Pine Springs	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Plymouth	+0 (+0.00%)	+0 (+0.00%)	+1 (+0.00%)	+93 (+0.22%)	+0 (+0.06%)
Prior Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Ramsey	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Randolph	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Randolph Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Ravenna Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Richfield	+37 (+0.65%)	+2,056 (+4.09%)	+27,571 (+17.14%)	+31,428 (+8.60%)	+1,294 (+10.06%)
Robbinsdale	+0 (-0.17%)	+453 (+2.92%)	+15,891 (+23.19%)	+25,353 (+12.02%)	+765 (+13.53%)
Rockford	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Rogers	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Rosemount	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Roseville	+0 (0.00%)	+0 (+0.00%)	+11 (+0.01%)	+279 (+0.09%)	+3 (+0.04%)
Saint Anthony	+0 (+0.00%)	+0 (0.00%)	-17 (-0.01%)	+1,205 (+0.36%)	+13 (+0.16%)
Saint Bonifacius	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)

**Table A2** Worker-weighted accessibility weekday 11:00 AM–1:00 PM, May 2019 baseline vs funded baseline transit networks, Metropolitan Council CTUs listed alphabetically.

CTU	15 min	30 min	45 min	60 min	Time-weighted
Saint Francis	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Saint Lawrence Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Saint Louis Park	+47 (+2.67%)	+2,657 (+17.92%)	+32,634 (+60.67%)	+80,812 (+44.54%)	+2,079 (+37.46%)
Saint Marys Point	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Saint Michael	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Saint Paul	+0 (+0.02%)	+17 (+0.01%)	+359 (+0.16%)	+1,274 (+0.27%)	+26 (+0.15%)
Saint Paul Park	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
San Francisco Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Sand Creek Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Savage	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Scandia	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Sciota Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Shakopee	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+1 (+0.01%)	+0 (+0.00%)
Shoreview	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)	+0 (+0.01%)
Shorewood	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
South Saint Paul	+1 (+0.76%)	+5 (+0.08%)	+3 (+0.02%)	+0 (+0.00%)	+0 (+0.03%)
Spring Lake Park	-1 (-0.03%)	+0 (+0.00%)	+0 (0.00%)	-190 (-0.17%)	-2 (-0.05%)
Spring Lake Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Spring Park	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Stanford Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Stanton Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Stillwater	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Stillwater Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Sunfish Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Tonka Bay	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Vadnais Heights	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)	+0 (+0.00%)
Vermillion	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Vermillion Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Victoria	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Waconia	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Waconia Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Waterford Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Watertown	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Watertown Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Wayzata	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+3 (+0.01%)	+0 (+0.00%)
Welch Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
West Lakeland Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
West Saint Paul	+0 (+0.01%)	+6 (+0.03%)	+16 (+0.02%)	-72 (-0.03%)	+0 (0.00%)
White Bear Lake	+0 (+0.00%)	+0 (0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)
White Bear Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)
Willernie	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Woodbury	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)	+0 (0.00%)
Woodland	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Young America Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)

**Table A3** Worker-weighted accessibility weekday 4:00–6:00 PM, May 2019 baseline vs funded baseline transit networks, Metropolitan Council CTUs listed alphabetically.

CTU	15 min	30 min	45 min	60 min	Time-weighted
Metro	+9 (+0.38%)	+643 (+1.88%)	+3,526 (+3.55%)	+9,285 (+5.63%)	+263 (+3.32)%
Afton	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Albertville	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Andover	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Anoka	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Apple Valley	+0 (+0.00%)	+0 (0.00%)	+0 (0.00%)	+16 (+0.03%)	+0 (+0.01%)
Arden Hills	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+8 (+0.01%)	+0 (+0.01%)
Bayport	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Baytown Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Belle Plaine	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Belle Plaine Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Benton Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Bethel	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Big Lake Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Birchwood Village	+0 (+0.00%)	+0 (+0.00%)	-3 (-0.06%)	+0 (+0.00%)	+0 (+0.01%)
Blaine	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Blakeley Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Bloomington	+2 (+0.03%)	+354 (+1.80%)	+6,876 (+9.58%)	+33,431 (+19.24%)	+603 (+10.71%)
Brooklyn Center	-2 (-0.13%)	+8 (+0.03%)	+1,938 (+3.74%)	+15,734 (+12.76%)	+233 (+6.70%)
Brooklyn Park	+0 (+0.00%)	+0 (-0.01%)	-4 (+0.02%)	+786 (+1.49%)	+7 (+0.47%)
Burnsville	+0 (+0.01%)	+80 (+0.69%)	+2,889 (+10.18%)	+27,382 (+50.49%)	+395 (+18.12%)
Camden Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Carver	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Castle Rock Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Cedar Lake Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Centerville	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Champlin	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Chanhassen	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Chaska	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Circle Pines	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Coates	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Cologne	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Columbia Heights	+0 (+0.00%)	-1 (-0.01%)	+136 (+0.13%)	+1,855 (+0.62%)	+24 (+0.33%)
Columbus	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Coon Rapids	+0 (+0.00%)	+0 (+0.00%)	-1 (0.00%)	+18 (+0.01%)	+0 (+0.00%)
Corcoran	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Cottage Grove	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Credit River Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Crystal	+0 (+0.00%)	+17 (+0.12%)	+3,245 (+6.05%)	+11,826 (+7.79%)	+221 (+5.20%)
Dahlgren Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Dayton	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Deephaven	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Dellwood	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Denmark	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Derrynane Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Douglas Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Eagan	+0 (-0.02%)	+0 (+0.00%)	+13 (+0.03%)	+774 (+1.03%)	+8 (+0.41%)
East Bethel	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Eden Prairie	+20 (+6.78%)	+377 (+2.51%)	+2,168 (+8.20%)	+10,528 (+28.09%)	+218 (+10.81%)
Edina	+0 (0.00%)	+102 (+0.52%)	+3,368 (+5.41%)	+22,110 (+18.57%)	+355 (+7.95%)
Elk River	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)

**Table A3** Worker-weighted accessibility weekday 4:00–6:00 PM, May 2019 baseline vs funded baseline transit networks, Metropolitan Council CTUs listed alphabetically.

CTU	15 min	30 min	45 min	60 min	Time-weighted
Elko New Market	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Empire Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Eureka Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Excelsior	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Falcon Heights	+0 (+0.00%)	+0 (+0.00%)	+398 (+0.22%)	+2,124 (+0.46%)	+37 (+0.28%)
Farmington	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Faxon Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Forest Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Fort Snelling Township	+0 (+0.00%)	+269 (+1.03%)	+4,513 (+4.43%)	+5,441 (+1.47%)	+192 (+2.08%)
Fridley	+0 (0.00%)	-1 (-0.01%)	-34 (-0.06%)	+817 (+0.45%)	+8 (+0.17%)
Gem Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Golden Valley	+0 (+0.01%)	+295 (+2.21%)	+5,113 (+7.84%)	+14,282 (+6.66%)	+336 (+6.33%)
Grant	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Greenfield	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Greenvale Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Greenwood	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Grey Cloud Island Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Ham Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)	+0 (+0.00%)
Hamburg	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hampton	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hampton Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hancock Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hanover	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hastings	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Helena Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hilltop	+0 (+0.00%)	-8 (-0.05%)	+92 (+0.08%)	+842 (+0.24%)	+10 (+0.11%)
Hollywood Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hopkins	+29 (+0.51%)	+3,306 (+15.21%)	+29,738 (+58.67%)	+142,926 (+134.59%)	+2,751 (+51.60%)
Hugo	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Independence	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Inver Grove Heights	+0 (+0.01%)	+5 (+0.20%)	+10 (+0.12%)	+12 (+0.06%)	+0 (+0.08%)
Jackson Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Jordan	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Lake Elmo	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Lake Saint Croix Beach	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (-0.01%)
Lakeland	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Lakeland Shores	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Laketown Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Lakeville	+0 (+0.00%)	+0 (0.00%)	+0 (0.00%)	+0 (0.00%)	+0 (0.00%)
Landfall	+0 (+0.00%)	+0 (+0.00%)	+6 (+0.03%)	+9 (+0.01%)	+0 (+0.03%)
Lauderdale	+0 (+0.00%)	+0 (+0.00%)	+848 (+0.39%)	+3,526 (+0.72%)	+66 (+0.43%)
Lexington	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+6 (+0.02%)	+0 (+0.01%)
Lilydale	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+7 (+0.02%)	+0 (+0.01%)
Lino Lakes	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Linwood Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Little Canada	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+8 (+0.01%)	+0 (+0.00%)
Long Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Loretto	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Louisville Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Mahtomedi	+0 (+0.00%)	+0 (+0.01%)	+0 (0.00%)	+0 (+0.00%)	+0 (+0.01%)
Maple Grove	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)

**Table A3** Worker-weighted accessibility weekday 4:00–6:00 PM, May 2019 baseline vs funded baseline transit networks, Metropolitan Council CTUs listed alphabetically.

CTU	15 min	30 min	45 min	60 min	Time-weighted
Maple Plain	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Maplewood	+0 (+0.00%)	+0 (0.00%)	+1 (+0.00%)	+21 (+0.01%)	+0 (+0.01%)
Marine on Saint Croix	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Marshan Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
May Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Mayer	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Medicine Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+4 (+0.01%)	+0 (+0.00%)
Medina	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Mendota	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+55 (+0.13%)	+0 (+0.02%)
Mendota Heights	+0 (0.00%)	+0 (+0.01%)	+6 (+0.03%)	+136 (+0.20%)	+1 (+0.08%)
Miesville	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Minneapolis	+53 (+1.29%)	+4,085 (+10.01%)	+14,931 (+7.72%)	+28,416 (+6.09%)	+1,119 (+6.99%)
Minnnetonka	+0 (+0.02%)	+248 (+1.66%)	+3,109 (+9.65%)	+14,618 (+23.26%)	+272 (+9.48%)
Minnnetonka Beach	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Minnetrissa	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Mound	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Mounds View	+0 (+0.00%)	-1 (-0.02%)	+0 (0.00%)	+85 (+0.09%)	+0 (+0.03%)
New Brighton	+0 (+0.00%)	+0 (0.00%)	+0 (0.00%)	+376 (+0.28%)	+4 (+0.14%)
New Germany	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
New Hope	+0 (+0.00%)	+0 (-0.01%)	-6 (-0.02%)	+2,593 (+2.37%)	+27 (+0.83%)
New Market Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
New Prague	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
New Trier	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Newport	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+1 (+0.02%)	+0 (0.00%)
Nininger Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
North Oaks	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
North Saint Paul	+0 (0.00%)	+0 (+0.00%)	+0 (+0.00%)	+1 (+0.00%)	+0 (0.00%)
Northfield	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Norwood Young America	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Nowthen	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Oak Grove	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.03%)
Oak Park Heights	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Oakdale	+0 (+0.00%)	+0 (+0.00%)	+1 (+0.01%)	+4 (+0.01%)	+0 (+0.00%)
Orono	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Osseo	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	-1 (-0.01%)	+0 (0.00%)
Otsego	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Pine Springs	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+6 (+0.07%)	+0 (+0.00%)
Plymouth	+0 (+0.00%)	+0 (+0.00%)	+12 (+0.02%)	+163 (+0.21%)	+2 (+0.07%)
Prior Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Ramsey	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Randolph	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Randolph Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Ravenna Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Richfield	+57 (+0.97%)	+2,543 (+6.02%)	+25,719 (+15.46%)	+30,966 (+8.03%)	+1,303 (+9.43%)
Robbinsdale	+0 (-0.12%)	+49 (+0.05%)	+14,037 (+21.46%)	+29,856 (+13.65%)	+731 (+13.39%)
Rockford	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Rogers	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Rosemount	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Roseville	+0 (0.00%)	+0 (0.00%)	+7 (+0.01%)	+365 (+0.11%)	+4 (+0.05%)
Saint Anthony	+0 (+0.00%)	+0 (0.00%)	+160 (+0.14%)	+1,663 (+0.52%)	+23 (+0.29%)
Saint Bonifacius	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)



**Table A3** Worker-weighted accessibility weekday 4:00–6:00 PM, May 2019 baseline vs funded baseline transit networks, Metropolitan Council CTUs listed alphabetically.

CTU	15 min	30 min	45 min	60 min	Time-weighted
Saint Francis	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Saint Lawrence Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Saint Louis Park	+46 (+2.57%)	+2,470 (+15.10%)	+30,368 (+49.12%)	+75,811 (+37.62%)	+1,944 (+31.23%)
Saint Marys Point	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Saint Michael	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Saint Paul	+0 (+0.03%)	+21 (+0.02%)	+454 (+0.19%)	+1,956 (+0.44%)	+36 (+0.21%)
Saint Paul Park	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
San Francisco Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Sand Creek Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Savage	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+45 (+0.17%)	+0 (+0.04%)
Scandia	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Sciota Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Shakopee	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+5 (+0.03%)	+0 (+0.01%)
Shoreview	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)	+0 (0.00%)	+0 (+0.01%)
Shorewood	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
South Saint Paul	+2 (+1.66%)	+13 (+0.19%)	+4 (+0.02%)	+76 (+0.06%)	+2 (+0.08%)
Spring Lake Park	-1 (-0.02%)	+0 (+0.00%)	+0 (0.00%)	-46 (-0.04%)	+0 (-0.01%)
Spring Lake Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Spring Park	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Stanford Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Stanton Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Stillwater	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Stillwater Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Sunfish Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Tonka Bay	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Vadnais Heights	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)	+0 (+0.00%)	+0 (+0.00%)
Vermillion	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Vermillion Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Victoria	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Waconia	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Waconia Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Waterford Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Watertown	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Watertown Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Wayzata	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+277 (+0.35%)	+3 (+0.11%)
Welch Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
West Lakeland Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
West Saint Paul	+0 (+0.02%)	+14 (+0.06%)	+41 (+0.04%)	+734 (+0.35%)	+10 (+0.13%)
White Bear Lake	+0 (+0.00%)	+1 (+0.02%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
White Bear Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)	+0 (+0.00%)
Willernie	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (-0.01%)
Woodbury	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+6 (+0.01%)	+0 (+0.00%)
Woodland	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Young America Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)

**Table A4** Worker-weighted accessibility weekday 11:00 AM–1:00 PM, May 2019 baseline vs funded baseline transit networks, Metropolitan Council CTUs listed alphabetically.

CTU	15 min	30 min	45 min	60 min	Time-weighted
Metro	+12 (+0.45%)	+712 (+2.23%)	+3,780 (+4.21%)	+10,133 (+7.25%)	+287 (+4.00)%
Afton	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Albertville	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Andover	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Anoka	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Apple Valley	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Arden Hills	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Bayport	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Baytown Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Belle Plaine	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Belle Plaine Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Benton Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Bethel	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Big Lake Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Birchwood Village	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (-0.01%)	+0 (+0.00%)
Blaine	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Blakeley Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Bloomington	+1 (+0.04%)	+429 (+2.21%)	+8,401 (+13.15%)	+40,174 (+29.39%)	+730 (+15.34%)
Brooklyn Center	+1 (+0.12%)	+77 (+0.97%)	+3,933 (+9.66%)	+23,066 (+25.07%)	+375 (+12.99%)
Brooklyn Park	+0 (+0.00%)	+4 (+0.08%)	+52 (+0.28%)	+2,990 (+6.68%)	+33 (+1.92%)
Burnsville	+0 (+0.01%)	+75 (+1.00%)	+2,339 (+12.59%)	+22,117 (+60.38%)	+320 (+19.70%)
Camden Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Carver	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Castle Rock Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Cedar Lake Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Centerville	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Champlin	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Chanhassen	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Chaska	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Circle Pines	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Coates	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Cologne	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Columbia Heights	+0 (+0.00%)	+0 (+0.00%)	+82 (+0.10%)	+2,101 (+0.68%)	+26 (+0.35%)
Columbus	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Coon Rapids	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+41 (+0.05%)	+0 (+0.02%)
Corcoran	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Cottage Grove	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Credit River Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Crystal	+0 (+0.02%)	+12 (+0.17%)	+723 (+2.10%)	+9,040 (+12.86%)	+120 (+5.41%)
Dahlgren Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Dayton	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Deephaven	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Dellwood	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Denmark	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Derrynane Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Douglas Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Eagan	+0 (-0.03%)	+0 (+0.00%)	+0 (+0.00%)	+51 (+0.08%)	+0 (+0.03%)
East Bethel	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Eden Prairie	+20 (+6.78%)	+375 (+2.51%)	+2,168 (+8.27%)	+10,538 (+28.35%)	+218 (+10.92%)
Edina	+0 (+0.00%)	+45 (+0.49%)	+1,656 (+3.77%)	+15,973 (+16.70%)	+232 (+6.68%)
Elk River	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)

**Table A4** Worker-weighted accessibility weekday 11:00 AM–1:00 PM, May 2019 baseline vs funded baseline transit networks, Metropolitan Council CTUs listed alphabetically.

CTU	15 min	30 min	45 min	60 min	Time-weighted
Elko New Market	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Empire Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Eureka Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Excelsior	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Falcon Heights	+0 (+0.00%)	+0 (+0.00%)	+319 (+0.16%)	+2,141 (+0.47%)	+35 (+0.24%)
Farmington	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Faxon Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Forest Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Fort Snelling Township	+0 (+0.00%)	+122 (+0.26%)	+3,413 (+3.54%)	+18,869 (+6.14%)	+331 (+3.89%)
Fridley	+0 (+0.00%)	+0 (+0.01%)	+62 (+0.09%)	+760 (+0.54%)	+10 (+0.27%)
Gem Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Golden Valley	+0 (+0.02%)	+95 (+0.79%)	+1,812 (+3.76%)	+10,068 (+7.19%)	+179 (+4.84%)
Grant	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Greenfield	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Greenvale Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Greenwood	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Grey Cloud Island Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Ham Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)	+0 (+0.00%)
Hamburg	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hampton	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hampton Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hancock Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hanover	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hastings	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Helena Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hilltop	+0 (+0.00%)	+0 (+0.00%)	+47 (+0.04%)	+2,619 (+0.79%)	+30 (+0.34%)
Hollywood Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hopkins	+31 (+0.57%)	+3,708 (+20.00%)	+30,441 (+66.53%)	+148,459 (+160.64%)	+2,861 (+58.95%)
Hugo	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Independence	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Inver Grove Heights	+0 (+0.00%)	+0 (+0.00%)	+1 (+0.01%)	+1 (+0.01%)	+0 (+0.01%)
Jackson Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Jordan	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Lake Elmo	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Lake Saint Croix Beach	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (-0.01%)
Lakeland	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Lakeland Shores	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Laketown Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Lakeville	+0 (+0.00%)	+0 (0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)
Landfall	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	-2 (0.00%)	+0 (0.00%)
Lauderdale	+0 (+0.00%)	+3 (+0.01%)	+898 (+0.39%)	+7,560 (+1.62%)	+119 (+0.72%)
Lexington	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Lilydale	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Lino Lakes	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Linwood Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Little Canada	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+2 (+0.01%)	+0 (-0.01%)
Long Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Loretto	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Louisville Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Mahtomedi	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)	+1 (+0.01%)	+0 (0.00%)
Maple Grove	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+3 (+0.01%)	+0 (+0.00%)

**Table A4** Worker-weighted accessibility weekday 11:00 AM–1:00 PM, May 2019 baseline vs funded baseline transit networks, Metropolitan Council CTUs listed alphabetically.

CTU	15 min	30 min	45 min	60 min	Time-weighted
Maple Plain	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Maplewood	+0 (+0.00%)	+0 (0.00%)	+0 (+0.00%)	+8 (+0.01%)	+0 (0.00%)
Marine on Saint Croix	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Marshan Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
May Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Mayer	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Medicine Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Medina	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Mendota	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Mendota Heights	+0 (+0.00%)	+0 (0.00%)	+0 (+0.00%)	+1 (+0.00%)	+0 (0.00%)
Miesville	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Minneapolis	+83 (+1.96%)	+4,568 (+11.96%)	+16,473 (+8.88%)	+30,955 (+7.29%)	+1,241 (+8.02%)
Minnetonka	+0 (+0.02%)	+234 (+1.76%)	+2,989 (+10.85%)	+13,812 (+26.44%)	+258 (+10.89%)
Minnetonka Beach	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Minnetrissa	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Mound	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Mounds View	+0 (+0.00%)	-1 (-0.02%)	+0 (0.00%)	+48 (+0.07%)	+0 (+0.02%)
New Brighton	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+179 (+0.20%)	+2 (+0.10%)
New Germany	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
New Hope	+0 (+0.00%)	+2 (+0.02%)	+76 (+0.30%)	+4,440 (+7.25%)	+49 (+1.86%)
New Market Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
New Prague	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
New Trier	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Newport	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.01%)	+0 (+0.00%)
Nininger Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
North Oaks	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
North Saint Paul	+0 (0.00%)	+0 (-0.01%)	+0 (+0.00%)	+0 (0.00%)	+0 (0.00%)
Northfield	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Norwood Young America	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Nowthen	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Oak Grove	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.03%)
Oak Park Heights	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Oakdale	+0 (+0.00%)	+0 (0.00%)	+0 (+0.00%)	+0 (0.00%)	+0 (+0.00%)
Orono	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Osseo	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)	+0 (0.00%)
Otsego	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Pine Springs	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+4 (+0.05%)	+0 (+0.00%)
Plymouth	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+21 (+0.02%)	+0 (+0.01%)
Prior Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Ramsey	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Randolph	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Randolph Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Ravenna Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Richfield	+39 (+0.72%)	+2,634 (+6.35%)	+29,576 (+19.63%)	+47,103 (+14.74%)	+1,603 (+13.59%)
Robbinsdale	+1 (-0.09%)	+662 (+4.92%)	+18,547 (+31.06%)	+39,120 (+21.03%)	+1,005 (+20.43%)
Rockford	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Rogers	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Rosemount	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Roseville	+0 (0.00%)	+0 (+0.00%)	+10 (+0.01%)	+286 (+0.09%)	+2 (+0.03%)
Saint Anthony	+0 (+0.00%)	+0 (0.00%)	+77 (+0.09%)	+1,116 (+0.41%)	+15 (+0.24%)
Saint Bonifacius	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)

**Table A4** Worker-weighted accessibility weekday 11:00 AM–1:00 PM, May 2019 baseline vs funded baseline transit networks, Metropolitan Council CTUs listed alphabetically.

CTU	15 min	30 min	45 min	60 min	Time-weighted
Saint Francis	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Saint Lawrence Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Saint Louis Park	+46 (+2.62%)	+2,531 (+16.89%)	+30,528 (+60.57%)	+87,801 (+57.56%)	+2,087 (+40.45%)
Saint Marys Point	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Saint Michael	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Saint Paul	+0 (+0.02%)	+19 (+0.02%)	+415 (+0.17%)	+1,749 (+0.39%)	+32 (+0.19%)
Saint Paul Park	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
San Francisco Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Sand Creek Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Savage	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+18 (+0.10%)	+0 (+0.02%)
Scandia	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Sciota Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Shakopee	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+5 (+0.05%)	+0 (+0.01%)
Shoreview	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)	+0 (+0.01%)
Shorewood	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
South Saint Paul	+1 (+0.78%)	+4 (+0.07%)	+2 (+0.01%)	+0 (+0.00%)	+0 (+0.03%)
Spring Lake Park	-1 (-0.02%)	+0 (+0.00%)	+0 (+0.00%)	-31 (-0.03%)	+0 (-0.01%)
Spring Lake Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Spring Park	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Stanford Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Stanton Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Stillwater	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Stillwater Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Sunfish Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Tonka Bay	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Vadnais Heights	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Vermillion	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Vermillion Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Victoria	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Waconia	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Waconia Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Waterford Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Watertown	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Watertown Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Wayzata	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+7 (+0.02%)	+0 (+0.00%)
Welch Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
West Lakeland Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
West Saint Paul	+0 (+0.01%)	-2 (0.00%)	+2 (+0.01%)	+6 (+0.00%)	+0 (+0.00%)
White Bear Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)	+0 (0.00%)	+0 (+0.00%)
White Bear Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)	+0 (0.00%)
Willernie	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Woodbury	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)
Woodland	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Young America Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)

## Funded baseline vs prospective network

**Table A5** Worker-weighted accessibility weekday 7:00–9:00 AM, funded baseline vs prospective transit networks, Metropolitan Council CTUs listed alphabetically.

CTU	15 min	30 min	45 min	60 min	Time-weighted
Metro	+178 (+4.90%)	+2,928 (+6.72%)	+7,620 (+4.96%)	+11,973 (+3.70%)	+660 (+4.75%)%
Afton	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Albertville	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Andover	+0 (-0.03%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Anoka	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+5 (+0.01%)	+0 (+0.00%)
Apple Valley	+0 (+0.00%)	+0 (-0.01%)	-18 (-0.09%)	-9 (-0.10%)	+0 (-0.03%)
Arden Hills	+0 (+0.00%)	+0 (+0.00%)	-4 (-0.01%)	+181 (+0.15%)	+1 (+0.05%)
Bayport	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Baytown Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+1 (+0.01%)	+0 (+0.00%)
Belle Plaine	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Belle Plaine Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Benton Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Bethel	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Big Lake Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Birchwood Village	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Blaine	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)	-67 (-0.14%)	+0 (-0.05%)
Blakeley Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Bloomington	-4 (-0.14%)	+589 (+1.89%)	+12,865 (+13.45%)	+28,976 (+11.55%)	+740 (+9.52%)
Brooklyn Center	+15 (+1.18%)	+3,477 (+34.14%)	+40,778 (+76.93%)	+67,187 (+34.77%)	+2,199 (+44.80%)
Brooklyn Park	+0 (+0.00%)	+11 (+0.14%)	+1,472 (+4.19%)	+14,084 (+13.82%)	+199 (+7.07%)
Burnsville	+0 (+0.04%)	+0 (+0.00%)	+44 (+0.06%)	+1,163 (+0.71%)	+14 (+0.37%)
Camden Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Carver	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Castle Rock Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Cedar Lake Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Centerville	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Champlin	+0 (+0.00%)	+0 (+0.00%)	-3 (-0.03%)	-140 (-0.16%)	-1 (-0.17%)
Chanhassen	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)	+0 (+0.00%)
Chaska	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Circle Pines	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Coates	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Cologne	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Columbia Heights	+0 (+0.00%)	+2 (+0.00%)	+1,262 (+1.02%)	+8,158 (+2.54%)	+137 (+1.68%)
Columbus	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Coon Rapids	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)	+185 (+0.17%)	+1 (+0.08%)
Corcoran	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Cottage Grove	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (-0.01%)	+0 (0.00%)
Credit River Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Crystal	+0 (+0.13%)	+270 (+3.49%)	+12,361 (+29.55%)	+38,611 (+26.72%)	+797 (+21.83%)
Dahlgren Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Dayton	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Deephaven	+0 (+0.00%)	+0 (+0.00%)	+10 (+0.13%)	+491 (+2.35%)	+6 (+1.24%)
Dellwood	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Denmark	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Derrynane Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Douglas Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Eagan	+0 (+0.00%)	+0 (0.00%)	-10 (-0.04%)	+784 (+0.76%)	+8 (+0.30%)
East Bethel	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)

**Table A5** Worker-weighted accessibility weekday 7:00–9:00 AM, funded baseline vs prospective transit networks, Metropolitan Council CTUs listed alphabetically.

CTU	15 min	30 min	45 min	60 min	Time-weighted
Eden Prairie	+0 (+0.00%)	+0 (+0.00%)	+3 (+0.00%)	+254 (+0.11%)	+3 (+0.03%)
Edina	-10 (+4.00%)	+250 (+2.39%)	+7,092 (+6.82%)	+16,534 (+5.87%)	+404 (+4.82%)
Elk River	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Elko New Market	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Empire Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Eureka Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Excelsior	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+50 (+0.40%)	+0 (+0.06%)
Falcon Heights	+0 (+0.00%)	-261 (-0.63%)	+1,608 (+0.66%)	+5,225 (+1.02%)	+83 (+0.52%)
Farmington	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Faxon Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Forest Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Fort Snelling Township	+8 (+0.65%)	+8,017 (+36.75%)	+49,953 (+37.46%)	+49,529 (+12.48%)	+2,625 (+25.09%)
Fridley	+0 (+0.00%)	-6 (-0.02%)	+190 (+0.27%)	+4,318 (+2.09%)	+54 (+1.05%)
Gem Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+1 (+0.00%)	+0 (+0.00%)
Golden Valley	+4 (+0.12%)	+1,399 (+9.48%)	+13,579 (+17.24%)	+24,072 (+9.42%)	+772 (+12.04%)
Grant	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Greenfield	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Greenvale Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Greenwood	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+13 (+0.19%)	+0 (+0.03%)
Grey Cloud Island Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	-5 (-0.07%)	+0 (-0.04%)
Ham Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hamburg	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hampton	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hampton Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hancock Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hanover	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hastings	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Helena Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hilltop	+0 (+0.00%)	+18 (+0.08%)	+1,031 (+0.57%)	+9,257 (+2.43%)	+154 (+1.36%)
Hollywood Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hopkins	+0 (0.00%)	+0 (+0.01%)	+1,924 (+1.35%)	+13,271 (+4.92%)	+207 (+2.34%)
Hugo	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Independence	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Inver Grove Heights	+0 (-0.01%)	-4 (-0.19%)	+0 (-0.14%)	+329 (+0.36%)	+3 (+0.10%)
Jackson Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Jordan	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Lake Elmo	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+44 (+0.12%)	+0 (+0.08%)
Lake Saint Croix Beach	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.01%)
Lakeland	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Lakeland Shores	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Laketown Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Lakeville	+0 (+0.00%)	+0 (0.00%)	+0 (0.00%)	-4 (-0.02%)	+0 (-0.01%)
Landfall	+0 (+0.00%)	+0 (+0.00%)	+36 (+0.13%)	+874 (+1.04%)	+11 (+0.54%)
Lauderdale	+0 (+0.00%)	+207 (+0.41%)	+1,622 (+0.61%)	+5,360 (+1.03%)	+136 (+0.72%)
Lexington	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+20 (+0.04%)	+0 (+0.01%)
Lilydale	+0 (+0.00%)	+0 (+0.00%)	+2 (+0.04%)	+25 (+0.05%)	+0 (-0.08%)
Lino Lakes	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Linwood Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Little Canada	+0 (+0.00%)	+0 (+0.00%)	+29 (+0.08%)	+531 (+0.49%)	+7 (+0.29%)
Long Lake	+0 (+0.00%)	+0 (0.00%)	+150 (+2.27%)	+750 (+3.89%)	+12 (+2.00%)
Loretto	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)



**Table A5** Worker-weighted accessibility weekday 7:00–9:00 AM, funded baseline vs prospective transit networks, Metropolitan Council CTUs listed alphabetically.

CTU	15 min	30 min	45 min	60 min	Time-weighted
Louisville Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Mahtomedi	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Maple Grove	+0 (+0.00%)	+0 (+0.00%)	+9 (+0.03%)	+223 (+0.35%)	+2 (+0.15%)
Maple Plain	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Maplewood	+0 (0.00%)	+2 (+0.01%)	+137 (+0.19%)	+1,025 (+0.67%)	+16 (+0.41%)
Marine on Saint Croix	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Marshan Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
May Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Mayer	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Medicine Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+1 (+0.00%)	+15 (+2.29%)
Medina	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Mendota	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+3 (+0.01%)	+0 (+0.02%)
Mendota Heights	+0 (+0.00%)	+1 (+0.02%)	+30 (+0.11%)	+488 (+0.54%)	+6 (+0.27%)
Miesville	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Minneapolis	+1,340 (+36.93%)	+19,675 (+41.92%)	+35,839 (+14.46%)	+46,370 (+9.05%)	+3,658 (+18.71%)
Minnetonka	+0 (+0.00%)	+0 (+0.03%)	+152 (+0.34%)	+2,426 (+1.45%)	+32 (+0.77%)
Minnetonka Beach	+0 (+0.00%)	+0 (-0.02%)	-454 (-5.67%)	-178 (-0.70%)	-14 (-1.81%)
Minnetrista	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	-9 (-0.23%)	+0 (-0.05%)
Mound	+0 (+0.00%)	+0 (+0.00%)	-28 (-0.57%)	-326 (-3.39%)	-4 (-1.36%)
Mounds View	+0 (+0.00%)	+1 (+0.02%)	+2 (+0.00%)	+847 (+0.92%)	+9 (+0.41%)
New Brighton	+0 (+0.00%)	+0 (+0.00%)	+240 (+0.39%)	+3,931 (+2.48%)	+53 (+1.48%)
New Germany	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
New Hope	+0 (+0.00%)	+20 (+0.17%)	+3,771 (+7.89%)	+24,585 (+18.30%)	+384 (+9.53%)
New Market Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
New Prague	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
New Trier	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Newport	+0 (+0.00%)	+0 (+0.00%)	-8 (-0.12%)	-165 (-0.70%)	-2 (-0.33%)
Nininger Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
North Oaks	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
North Saint Paul	+0 (+0.00%)	+0 (+0.01%)	-1 (-0.01%)	+492 (+0.51%)	+5 (+0.19%)
Northfield	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Norwood Young America	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Nowthen	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Oak Grove	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Oak Park Heights	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+2 (+0.01%)	+0 (+0.00%)
Oakdale	+0 (+0.00%)	+0 (0.00%)	+55 (+0.14%)	+622 (+0.72%)	+8 (+0.33%)
Orono	+0 (+0.00%)	+0 (-0.01%)	-82 (-0.97%)	-113 (-0.97%)	-3 (-0.65%)
Osseo	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+5 (+0.01%)	+0 (+0.00%)
Otsego	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Pine Springs	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Plymouth	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.01%)	+542 (+1.47%)	+5 (+0.45%)
Prior Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Ramsey	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Randolph	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Randolph Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Ravenna Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Richfield	+216 (+9.23%)	+16,989 (+49.50%)	+77,253 (+47.65%)	+81,412 (+19.92%)	+4,691 (+36.22%)
Robbinsdale	+0 (+0.03%)	+1,959 (+14.84%)	+43,862 (+74.63%)	+60,236 (+27.31%)	+2,056 (+36.88%)
Rockford	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Rogers	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Rosemount	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)

**Table A5** Worker-weighted accessibility weekday 7:00–9:00 AM, funded baseline vs prospective transit networks, Metropolitan Council CTUs listed alphabetically.

CTU	15 min	30 min	45 min	60 min	Time-weighted
Roseville	+0 (+0.00%)	-25 (-0.09%)	+1,462 (+1.55%)	+4,249 (+1.45%)	+82 (+1.17%)
Saint Anthony	+0 (+0.00%)	+66 (+0.19%)	+4,639 (+2.82%)	+8,460 (+2.29%)	+233 (+2.11%)
Saint Bonifacius	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Saint Francis	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Saint Lawrence Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Saint Louis Park	-6 (-0.25%)	-309 (-1.10%)	+5,804 (+3.21%)	+14,808 (+3.83%)	+306 (+2.60%)
Saint Marys Point	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Saint Michael	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.01%)
Saint Paul	+61 (+0.47%)	+1,635 (+2.08%)	+6,382 (+2.77%)	+13,854 (+3.12%)	+508 (+2.66%)
Saint Paul Park	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)	-46 (-0.45%)	+0 (-0.10%)
San Francisco Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Sand Creek Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Savage	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+36 (+0.09%)	+0 (+0.04%)
Scandia	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Sciota Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Shakopee	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)	-15 (-0.10%)	+0 (-0.03%)
Shoreview	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+71 (+0.08%)	+0 (+0.03%)
Shorewood	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)	+39 (+0.21%)	+0 (+0.13%)
South Saint Paul	-2 (-1.08%)	-7 (-0.11%)	+99 (+0.20%)	+1,461 (+1.20%)	+17 (+0.51%)
Spring Lake Park	+1 (+0.03%)	+0 (+0.00%)	-113 (-0.15%)	+1,346 (+0.84%)	+11 (+0.23%)
Spring Lake Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Spring Park	+0 (+0.00%)	+0 (+0.00%)	-442 (-6.83%)	-210 (-0.58%)	-14 (-1.47%)
Stanford Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Stanton Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Stillwater	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)	+2 (+0.01%)	+0 (+0.00%)
Stillwater Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Sunfish Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+115 (+0.33%)	+2 (+0.51%)
Tonka Bay	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	-4 (-0.09%)	+0 (-0.02%)
Vadnais Heights	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+252 (+0.32%)	+3 (+0.16%)
Vermillion	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Vermillion Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Victoria	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Waconia	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Waconia Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Waterford Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Watertown	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Watertown Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Wayzata	+0 (+0.00%)	+15 (+0.11%)	+914 (+1.91%)	+3,768 (+2.74%)	+71 (+1.87%)
Welch Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
West Lakeland Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
West Saint Paul	+0 (+0.02%)	+311 (+1.10%)	+1,046 (+1.10%)	+5,623 (+2.53%)	+120 (+1.56%)
White Bear Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+111 (+0.21%)	+1 (+0.06%)
White Bear Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Willernie	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Woodbury	+0 (+0.00%)	+0 (0.00%)	+1 (+0.00%)	+51 (+0.09%)	+0 (+0.03%)
Woodland	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+133 (+1.03%)	+1 (+0.52%)
Young America Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)

**Table A6** Worker-weighted accessibility weekday 11:00 AM–1:00 PM, funded baseline vs prospective transit networks, Metropolitan Council CTUs listed alphabetically.

CTU	15 min	30 min	45 min	60 min	Time-weighted
Metro	+184 (+4.67%)	+3,004 (+7.14%)	+7,488 (+5.95%)	+11,916 (+5.13%)	+664 (+5.62)%
Afton	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Albertville	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Andover	+0 (-0.03%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Anoka	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	-5 (-0.01%)	+0 (0.00%)
Apple Valley	+0 (+0.00%)	+0 (-0.01%)	-17 (-0.09%)	-89 (-0.28%)	-1 (-0.09%)
Arden Hills	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)	-67 (-0.09%)	+0 (-0.02%)
Bayport	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Baytown Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Belle Plaine	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Belle Plaine Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Benton Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Bethel	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Big Lake Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Birchwood Village	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Blaine	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+6 (+0.01%)	+0 (+0.00%)
Blakeley Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Bloomington	-3 (-0.11%)	+445 (+1.78%)	+8,137 (+9.34%)	+17,730 (+7.29%)	+469 (+6.42%)
Brooklyn Center	+16 (+1.26%)	+3,825 (+36.32%)	+42,188 (+106.94%)	+84,679 (+63.76%)	+2,465 (+64.70%)
Brooklyn Park	+0 (+0.00%)	+13 (+0.20%)	+2,345 (+10.50%)	+23,892 (+40.17%)	+335 (+17.32%)
Burnsville	+0 (+0.06%)	+0 (+0.00%)	+108 (+0.22%)	+1,827 (+1.38%)	+23 (+0.72%)
Camden Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Carver	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Castle Rock Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Cedar Lake Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Centerville	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Champlin	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)	-54 (-0.18%)	+0 (-0.10%)
Chanhassen	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Chaska	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Circle Pines	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Coates	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Cologne	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Columbia Heights	+0 (+0.00%)	-2 (-0.03%)	+755 (+0.69%)	+4,405 (+1.39%)	+71 (+0.88%)
Columbus	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Coon Rapids	+0 (+0.00%)	+0 (0.00%)	+4 (+0.01%)	+35 (+0.04%)	+0 (+0.02%)
Corcoran	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Cottage Grove	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Credit River Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Crystal	+0 (+0.11%)	+320 (+4.33%)	+12,299 (+42.53%)	+49,384 (+50.01%)	+931 (+34.40%)
Dahlgren Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Dayton	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Deephaven	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Dellwood	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Denmark	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Derrynane Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Douglas Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Eagan	+0 (+0.00%)	+0 (+0.00%)	+25 (+0.02%)	+427 (+0.27%)	+5 (+0.15%)
East Bethel	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Eden Prairie	+0 (+0.00%)	+0 (+0.00%)	+9 (+0.01%)	+404 (+0.18%)	+5 (+0.06%)
Edina	+45 (+7.01%)	+1,238 (+7.97%)	+12,798 (+17.73%)	+34,159 (+15.51%)	+868 (+12.95%)
Elk River	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)

**Table A6** Worker-weighted accessibility weekday 11:00 AM–1:00 PM, funded baseline vs prospective transit networks, Metropolitan Council CTUs listed alphabetically.

CTU	15 min	30 min	45 min	60 min	Time-weighted
Elko New Market	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Empire Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Eureka Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Excelsior	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Falcon Heights	+0 (+0.00%)	-382 (-1.10%)	+1,247 (+0.23%)	+6,380 (+1.29%)	+52 (+0.23%)
Farmington	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Faxon Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Forest Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Fort Snelling Township	-1 (-0.14%)	+5,707 (+25.67%)	+34,631 (+25.44%)	+30,692 (+7.86%)	+1,795 (+17.07%)
Fridley	+0 (+0.00%)	+4 (+0.03%)	+240 (+0.44%)	+1,707 (+1.25%)	+26 (+0.64%)
Gem Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Golden Valley	+0 (+0.00%)	+464 (+5.33%)	+4,802 (+12.61%)	+12,854 (+9.52%)	+322 (+9.17%)
Grant	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Greenfield	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Greenvale Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Greenwood	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Grey Cloud Island Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Ham Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hamburg	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hampton	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hampton Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hancock Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hanover	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hastings	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Helena Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hilltop	+0 (+0.00%)	-2 (-0.02%)	+1,511 (+1.18%)	+6,829 (+1.94%)	+123 (+1.25%)
Hollywood Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hopkins	+0 (0.00%)	+7 (+0.02%)	+4,130 (+3.61%)	+24,944 (+9.93%)	+403 (+4.90%)
Hugo	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Independence	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Inver Grove Heights	+0 (+0.00%)	+0 (+0.00%)	-99 (-0.26%)	-642 (-2.31%)	-9 (-0.82%)
Jackson Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Jordan	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Lake Elmo	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Lake Saint Croix Beach	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.01%)
Lakeland	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Lakeland Shores	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Laketown Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Lakeville	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)	-5 (-0.02%)	+0 (-0.01%)
Landfall	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	-56 (-0.09%)	-1 (-0.07%)
Lauderdale	+21 (+0.68%)	-519 (-0.78%)	-4,242 (-1.65%)	+1,656 (+0.30%)	-113 (-0.67%)
Lexington	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Lilydale	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+174 (+0.46%)	+2 (+0.33%)
Lino Lakes	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Linwood Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Little Canada	+0 (+0.00%)	+0 (+0.00%)	+1 (+0.00%)	+21 (+0.02%)	+0 (+0.01%)
Long Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Loretto	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Louisville Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Mahtomedi	+0 (+0.00%)	+0 (-0.01%)	+0 (+0.00%)	+0 (0.00%)	+0 (+0.00%)
Maple Grove	+0 (+0.00%)	+0 (+0.00%)	+1 (+0.01%)	+242 (+0.72%)	+2 (+0.25%)

**Table A6** Worker-weighted accessibility weekday 11:00 AM–1:00 PM, funded baseline vs prospective transit networks, Metropolitan Council CTUs listed alphabetically.

CTU	15 min	30 min	45 min	60 min	Time-weighted
Maple Plain	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Maplewood	+0 (0.00%)	-1 (-0.01%)	-66 (-0.16%)	+73 (+0.10%)	-1 (+0.00%)
Marine on Saint Croix	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Marshan Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
May Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Mayer	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Medicine Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+16 (+2.66%)
Medina	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Mendota	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	-4 (-0.02%)	+0 (-0.03%)
Mendota Heights	+0 (+0.00%)	+0 (-0.01%)	-71 (-0.18%)	-2 (-0.24%)	-1 (-0.21%)
Miesville	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Minneapolis	+1,401 (+34.58%)	+20,564 (+44.16%)	+37,240 (+17.44%)	+45,525 (+9.67%)	+3,779 (+20.77%)
Minnnetonka	+0 (+0.00%)	+0 (0.00%)	+37 (+0.03%)	+1,796 (+1.01%)	+21 (+0.37%)
Minnnetonka Beach	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)	+0 (+0.00%)
Minnetrissa	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Mound	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Mounds View	+0 (+0.00%)	+1 (+0.02%)	+0 (0.00%)	-69 (-0.13%)	+0 (-0.05%)
New Brighton	+0 (+0.00%)	+0 (+0.00%)	-23 (-0.08%)	+288 (+0.25%)	+2 (+0.07%)
New Germany	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
New Hope	+0 (+0.00%)	+29 (+0.27%)	+4,973 (+16.82%)	+37,365 (+48.71%)	+566 (+20.34%)
New Market Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
New Prague	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
New Trier	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Newport	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (-0.01%)	+0 (0.00%)
Nininger Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
North Oaks	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
North Saint Paul	+0 (+0.00%)	+0 (+0.01%)	-12 (-0.04%)	-85 (-0.10%)	-1 (-0.04%)
Northfield	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Norwood Young America	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Nowthen	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Oak Grove	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Oak Park Heights	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Oakdale	+0 (+0.00%)	+0 (0.00%)	+0 (+0.00%)	-1 (0.00%)	+0 (0.00%)
Orono	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)	+0 (+0.00%)
Osseo	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+3 (+0.01%)	+0 (+0.00%)
Otsego	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Pine Springs	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Plymouth	+0 (+0.00%)	+0 (+0.00%)	+2 (+0.04%)	+679 (+2.45%)	+7 (+0.75%)
Prior Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Ramsey	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Randolph	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Randolph Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Ravenna Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Richfield	+266 (+13.92%)	+16,302 (+55.11%)	+71,397 (+50.75%)	+69,036 (+18.46%)	+4,345 (+37.60%)
Robbinsdale	+0 (+0.03%)	+2,006 (+16.79%)	+33,346 (+62.38%)	+46,323 (+22.15%)	+1,604 (+31.05%)
Rockford	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Rogers	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Rosemount	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)
Roseville	+0 (+0.00%)	-22 (-0.13%)	-427 (-0.69%)	+1,246 (+0.44%)	+0 (-0.07%)
Saint Anthony	+0 (+0.00%)	+106 (+0.38%)	+3,346 (+2.71%)	+8,659 (+2.69%)	+201 (+2.30%)
Saint Bonifacius	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)

**Table A6** Worker-weighted accessibility weekday 11:00 AM–1:00 PM, funded baseline vs prospective transit networks, Metropolitan Council CTUs listed alphabetically.

CTU	15 min	30 min	45 min	60 min	Time-weighted
Saint Francis	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Saint Lawrence Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Saint Louis Park	-2 (-0.13%)	+296 (+1.30%)	+9,192 (+7.84%)	+23,977 (+7.68%)	+560 (+6.20%)
Saint Marys Point	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Saint Michael	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.01%)
Saint Paul	+26 (+0.05%)	+1,184 (+1.64%)	+4,940 (+2.28%)	+11,142 (+2.60%)	+386 (+2.16%)
Saint Paul Park	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
San Francisco Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Sand Creek Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Savage	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Scandia	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Sciota Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Shakopee	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+1 (+0.01%)	+0 (+0.00%)
Shoreview	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)	+6 (+0.01%)	+0 (+0.00%)
Shorewood	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)	+0 (+0.00%)
South Saint Paul	-1 (-0.65%)	-12 (-0.17%)	-767 (-2.12%)	-158 (-0.32%)	-21 (-0.74%)
Spring Lake Park	+1 (+0.03%)	+0 (+0.00%)	+2 (+0.01%)	+1,180 (+1.10%)	+13 (+0.32%)
Spring Lake Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Spring Park	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Stanford Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Stanton Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Stillwater	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Stillwater Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Sunfish Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	-341 (-1.13%)	-2 (-0.36%)
Tonka Bay	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Vadnais Heights	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+1 (+0.00%)	+0 (+0.00%)
Vermillion	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Vermillion Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Victoria	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Waconia	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Waconia Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Waterford Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Watertown	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Watertown Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Wayzata	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	-47 (-0.12%)	+0 (-0.02%)
Welch Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
West Lakeland Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
West Saint Paul	+0 (-0.12%)	-683 (-2.68%)	-1,309 (-1.89%)	+1,706 (+0.62%)	-80 (-1.31%)
White Bear Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)	+0 (+0.00%)
White Bear Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Willernie	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Woodbury	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+1 (+0.01%)	+0 (+0.00%)
Woodland	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Young America Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)

**Table A7** Worker-weighted accessibility weekday 4:00–6:00 PM, funded baseline vs prospective transit networks, Metropolitan Council CTUs listed alphabetically.

CTU	15 min	30 min	45 min	60 min	Time-weighted
Metro	+157 (+4.11%)	+2,569 (+6.25%)	+6,678 (+4.76%)	+10,350 (+3.81%)	+576 (+4.51)%
Afton	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Albertville	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Andover	+0 (-0.03%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Anoka	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)
Apple Valley	+0 (+0.00%)	+0 (-0.01%)	-15 (-0.08%)	+2 (-0.16%)	+0 (-0.07%)
Arden Hills	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+116 (+0.11%)	+1 (+0.03%)
Bayport	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Baytown Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Belle Plaine	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Belle Plaine Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Benton Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Bethel	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Big Lake Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Birchwood Village	+0 (+0.00%)	+0 (+0.00%)	-2 (-0.06%)	+3 (+0.02%)	+0 (+0.02%)
Blaine	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+19 (+0.04%)	+0 (+0.01%)
Blakeley Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Bloomington	-3 (-0.10%)	+344 (+0.96%)	+7,686 (+8.19%)	+18,748 (+7.39%)	+462 (+5.79%)
Brooklyn Center	+10 (+0.85%)	+1,363 (+13.94%)	+28,268 (+77.76%)	+70,697 (+59.55%)	+1,707 (+48.59%)
Brooklyn Park	+0 (+0.00%)	+2 (+0.05%)	+495 (+2.03%)	+12,148 (+20.91%)	+148 (+7.47%)
Burnsville	+0 (+0.07%)	+0 (+0.00%)	+14 (+0.02%)	+787 (+0.55%)	+9 (+0.25%)
Camden Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Carver	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Castle Rock Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Cedar Lake Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Centerville	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Champlin	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Chanhassen	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Chaska	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Circle Pines	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+2 (+0.01%)	+0 (+0.00%)
Coates	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Cologne	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Columbia Heights	+0 (+0.00%)	+3 (+0.02%)	+2,766 (+2.37%)	+11,848 (+4.22%)	+218 (+2.96%)
Columbus	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Coon Rapids	+0 (+0.00%)	+0 (+0.00%)	+7 (+0.02%)	+99 (+0.11%)	+1 (+0.05%)
Corcoran	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Cottage Grove	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Credit River Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Crystal	+0 (0.00%)	+40 (+0.31%)	+4,524 (+10.92%)	+24,671 (+24.99%)	+402 (+13.59%)
Dahlgren Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Dayton	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Deephaven	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	-1 (-0.01%)	+0 (0.00%)
Dellwood	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Denmark	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Derrynane Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Douglas Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Eagan	+0 (-0.01%)	+0 (0.00%)	+3 (-0.02%)	+729 (+0.54%)	+8 (+0.23%)
East Bethel	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Eden Prairie	+0 (+0.00%)	+0 (+0.00%)	+4 (+0.00%)	+76 (+0.03%)	+1 (+0.01%)
Edina	+37 (+6.27%)	+704 (+3.95%)	+9,980 (+10.82%)	+24,455 (+9.11%)	+633 (+7.90%)
Elk River	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)



**Table A7** Worker-weighted accessibility weekday 4:00–6:00 PM, funded baseline vs prospective transit networks, Metropolitan Council CTUs listed alphabetically.

CTU	15 min	30 min	45 min	60 min	Time-weighted
Elko New Market	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Empire Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Eureka Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Excelsior	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Falcon Heights	+0 (+0.00%)	-216 (-0.65%)	+606 (+0.23%)	+5,502 (+1.14%)	+58 (+0.40%)
Farmington	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Faxon Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Forest Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Fort Snelling Township	+0 (-0.06%)	+4,095 (+20.26%)	+34,313 (+29.27%)	+31,941 (+8.60%)	+1,648 (+17.23%)
Fridley	+0 (+0.00%)	+7 (+0.05%)	+490 (+0.80%)	+5,611 (+3.42%)	+78 (+1.65%)
Gem Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Golden Valley	+0 (+0.00%)	+344 (+1.99%)	+4,392 (+5.53%)	+11,949 (+5.27%)	+294 (+4.82%)
Grant	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Greenfield	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Greenvale Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Greenwood	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Grey Cloud Island Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Ham Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hamburg	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hampton	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hampton Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hancock Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hanover	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hastings	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Helena Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hilltop	+0 (+0.00%)	+8 (+0.05%)	+4,350 (+3.60%)	+13,808 (+4.21%)	+292 (+3.31%)
Hollywood Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Hopkins	+0 (+0.00%)	+0 (+0.00%)	+1,243 (+1.07%)	+5,369 (+2.06%)	+90 (+1.03%)
Hugo	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Independence	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Inver Grove Heights	+0 (-0.01%)	-5 (-0.20%)	-23 (-0.15%)	+111 (+0.16%)	+0 (+0.00%)
Jackson Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Jordan	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Lake Elmo	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Lake Saint Croix Beach	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.01%)
Lakeland	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Lakeland Shores	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Laketown Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Lakeville	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)	-4 (-0.02%)	+0 (-0.01%)
Landfall	+0 (+0.00%)	+0 (+0.00%)	-164 (-0.65%)	-715 (-1.03%)	-12 (-0.62%)
Lauderdale	+0 (+0.00%)	+69 (+0.11%)	+115 (+0.06%)	+3,981 (+0.82%)	+62 (+0.39%)
Lexington	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+60 (+0.19%)	+0 (+0.04%)
Lilydale	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	-46 (-0.07%)	+0 (+0.00%)
Lino Lakes	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Linwood Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Little Canada	+0 (+0.00%)	+0 (+0.00%)	+11 (+0.04%)	-42 (-0.04%)	+0 (+0.00%)
Long Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Loretto	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Louisville Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Mahtomedi	+0 (+0.00%)	+0 (0.00%)	+0 (0.00%)	+0 (-0.01%)	+0 (0.00%)
Maple Grove	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+3 (+0.01%)	+0 (+0.01%)

**Table A7** Worker-weighted accessibility weekday 4:00–6:00 PM, funded baseline vs prospective transit networks, Metropolitan Council CTUs listed alphabetically.

CTU	15 min	30 min	45 min	60 min	Time-weighted
Maple Plain	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Maplewood	+0 (+0.00%)	+1 (+0.01%)	-29 (-0.15%)	-42 (-0.16%)	-1 (-0.13%)
Marine on Saint Croix	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Marshan Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
May Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Mayer	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Medicine Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	-2 (-0.01%)	+14 (+2.09%)
Medina	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Mendota	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+127 (+0.35%)	+1 (+0.16%)
Mendota Heights	+0 (+0.00%)	+0 (+0.00%)	-14 (+0.04%)	+775 (+1.06%)	+8 (+0.50%)
Miesville	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Minneapolis	+1,209 (+31.04%)	+17,814 (+41.69%)	+34,290 (+17.04%)	+43,341 (+9.21%)	+3,364 (+19.48%)
Minnertonka	+0 (+0.00%)	+4 (+0.02%)	+196 (+0.26%)	+1,392 (+0.78%)	+22 (+0.48%)
Minnertonka Beach	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	-18 (-0.14%)	+0 (0.00%)
Minnetrissa	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Mound	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	-1 (-0.01%)	+0 (+0.00%)
Mounds View	+0 (+0.00%)	+1 (+0.02%)	+3 (+0.01%)	+641 (+0.69%)	+7 (+0.30%)
New Brighton	+0 (+0.00%)	+0 (+0.00%)	+72 (+0.19%)	+2,307 (+1.76%)	+29 (+1.00%)
New Germany	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
New Hope	+0 (+0.00%)	+0 (0.00%)	+352 (+0.95%)	+12,007 (+12.08%)	+145 (+4.29%)
New Market Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
New Prague	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
New Trier	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Newport	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)	-1 (-0.02%)	+0 (+0.00%)
Nininger Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
North Oaks	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
North Saint Paul	+0 (+0.00%)	+0 (-0.01%)	+0 (0.00%)	+195 (+0.24%)	+2 (+0.08%)
Northfield	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Norwood Young America	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Nowthen	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Oak Grove	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Oak Park Heights	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Oakdale	+0 (+0.00%)	+0 (0.00%)	-2 (-0.01%)	-120 (-0.19%)	-1 (-0.06%)
Orono	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	-3 (-0.02%)	+0 (+0.01%)
Osseo	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+1 (+0.01%)	+0 (+0.00%)
Otsego	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Pine Springs	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	-6 (-0.07%)	+0 (+0.00%)
Plymouth	+0 (+0.00%)	+0 (+0.00%)	+16 (+0.04%)	+375 (+0.65%)	+4 (+0.24%)
Prior Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Ramsey	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Randolph	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Randolph Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Ravenna Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Richfield	+222 (+9.27%)	+14,368 (+42.86%)	+74,799 (+53.68%)	+74,141 (+19.94%)	+4,282 (+36.36%)
Robbinsdale	+0 (+0.01%)	+1,544 (+12.97%)	+31,887 (+57.96%)	+47,069 (+21.07%)	+1,514 (+27.67%)
Rockford	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Rogers	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Rosemount	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)	+0 (0.00%)
Roseville	+0 (+0.00%)	-11 (-0.05%)	+30 (+0.04%)	+984 (+0.30%)	+10 (+0.13%)
Saint Anthony	+0 (+0.00%)	+6 (+0.03%)	+2,077 (+2.02%)	+6,403 (+2.10%)	+128 (+1.64%)
Saint Bonifacius	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)

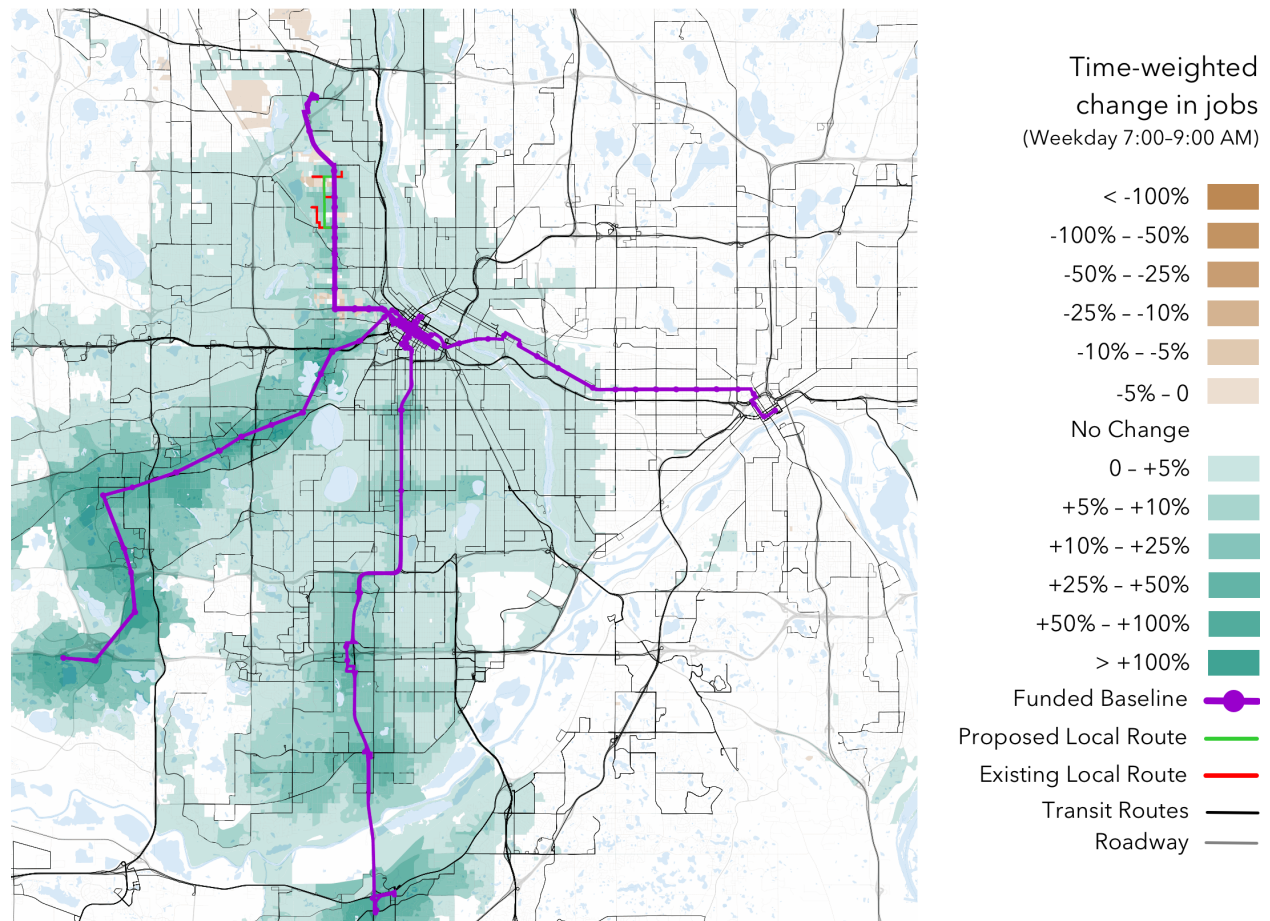
**Table A7** Worker-weighted accessibility weekday 4:00–6:00 PM, funded baseline vs prospective transit networks, Metropolitan Council CTUs listed alphabetically.

CTU	15 min	30 min	45 min	60 min	Time-weighted
Saint Francis	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Saint Lawrence Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Saint Louis Park	-5 (-0.23%)	-51 (-0.13%)	+3,866 (+3.37%)	+11,158 (+3.91%)	+230 (+2.87%)
Saint Marys Point	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Saint Michael	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.01%)
Saint Paul	+14 (-0.26%)	+972 (+1.40%)	+4,382 (+1.85%)	+9,672 (+2.26%)	+333 (+1.79%)
Saint Paul Park	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
San Francisco Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Sand Creek Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Savage	+0 (+0.00%)	+0 (+0.01%)	+0 (+0.00%)	+3 (+0.01%)	+0 (+0.00%)
Scandia	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Sciota Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Shakopee	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)
Shoreview	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+16 (+0.06%)	+0 (+0.03%)
Shorewood	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)	+0 (0.00%)
South Saint Paul	-2 (-1.24%)	-13 (-0.21%)	+40 (+0.06%)	+875 (+0.81%)	+7 (+0.24%)
Spring Lake Park	+1 (+0.02%)	+0 (+0.00%)	+1 (+0.00%)	+1,072 (+0.98%)	+11 (+0.25%)
Spring Lake Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Spring Park	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	-13 (-0.11%)	+0 (+0.01%)
Stanford Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Stanton Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Stillwater	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Stillwater Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Sunfish Lake	+0 (+0.00%)	+0 (+0.00%)	+0 (0.00%)	-59 (-0.23%)	+0 (+0.05%)
Tonka Bay	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Vadnais Heights	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+2 (+0.01%)	+0 (+0.01%)
Vermillion	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Vermillion Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Victoria	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Waconia	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Waconia Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Waterford Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Watertown	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Watertown Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Wayzata	+0 (+0.00%)	+0 (+0.00%)	-22 (-0.10%)	+155 (+0.01%)	+1 (+0.05%)
Welch Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
West Lakeland Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
West Saint Paul	-2 (-0.21%)	-61 (-0.26%)	-189 (-0.21%)	+2,998 (+1.40%)	+21 (+0.26%)
White Bear Lake	+0 (+0.00%)	+0 (-0.01%)	+0 (+0.00%)	+5 (+0.01%)	+0 (+0.00%)
White Bear Township	+0 (+0.00%)	+0 (+0.00%)	+0 (-0.01%)	+0 (+0.00%)	+0 (0.00%)
Willernie	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (-0.01%)
Woodbury	+0 (+0.00%)	+0 (+0.00%)	-10 (-0.04%)	-48 (-0.11%)	+0 (-0.04%)
Woodland	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)
Young America Township	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)	+0 (+0.00%)

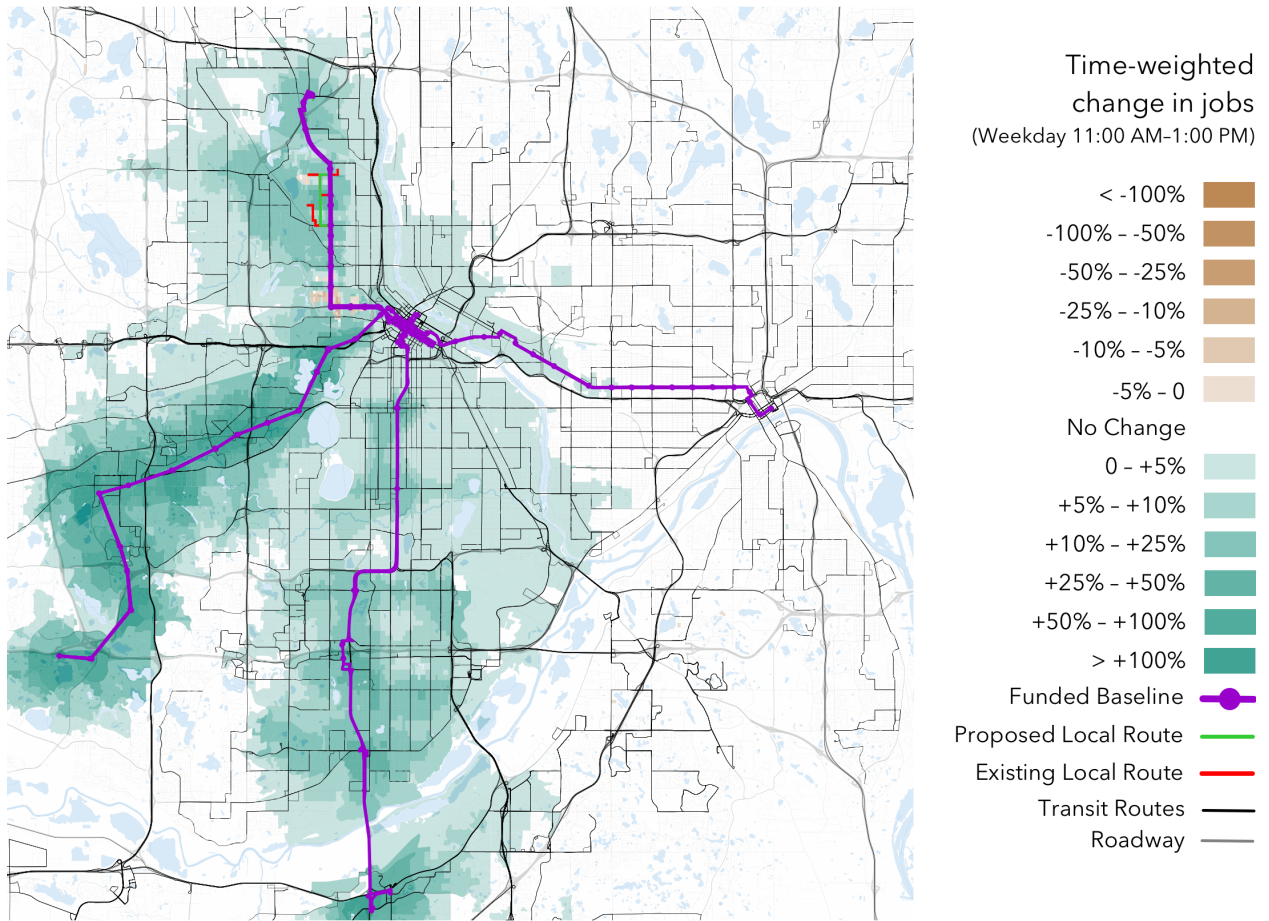
## B Percent Change Maps

Percent change maps show the percent change in the number of jobs accessible from a given census block when comparing two scenarios. A travel-time-weighted map is included which provides a snapshot of accessibility at 5–90 minutes of travel by giving more weight to lower time thresholds. The process of weighting makes the accessibility values unit-less. Therefore, the time-weighted figure is most useful for relative comparisons within the plotted region. The maps below show all analysis time periods for all five scenarios.

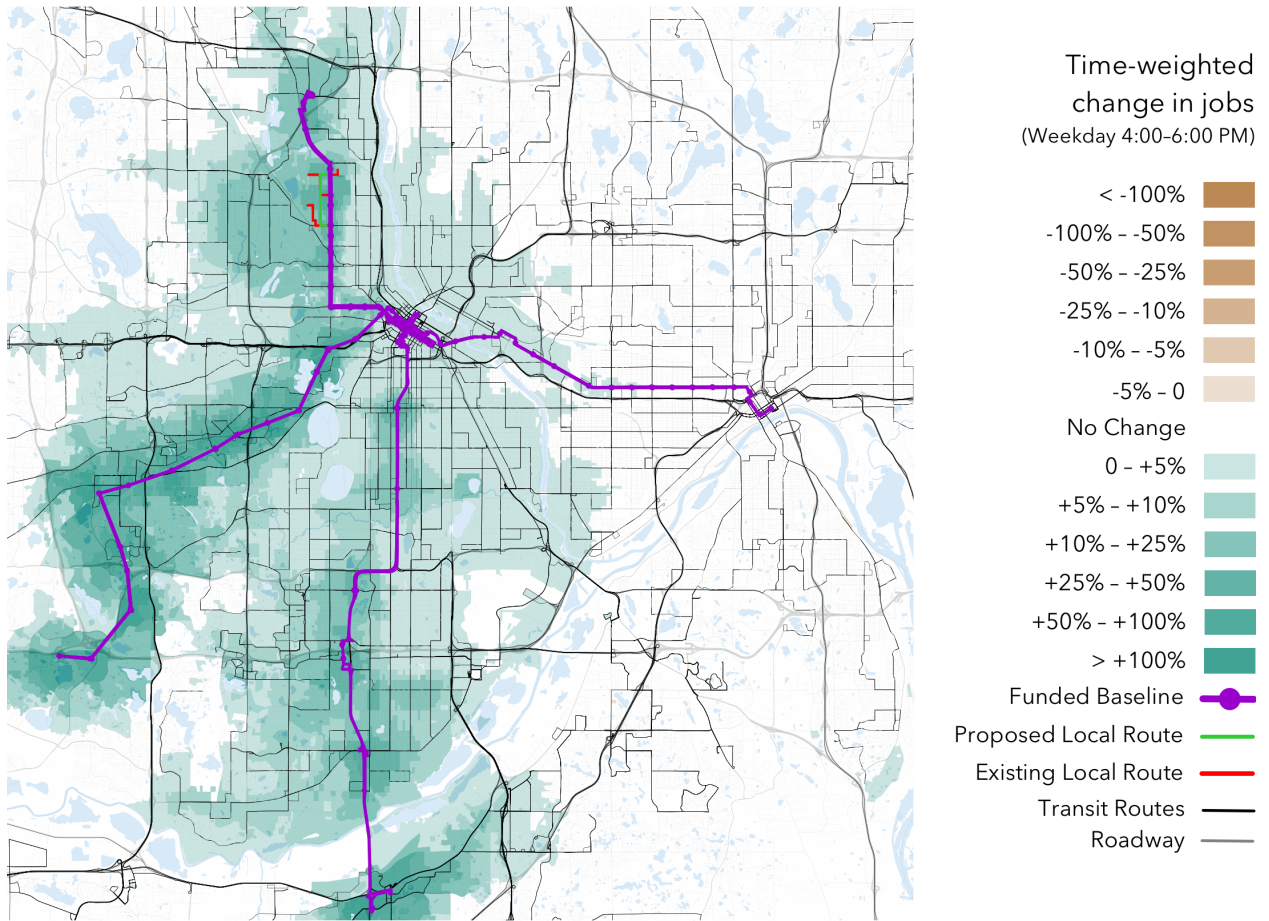
### May 2019 baseline vs funded baseline



**Figure B.1** Accessibility percent change between May 2019 baseline and funded baseline transit networks at 7:00–9:00 AM weekday, time-weighted.

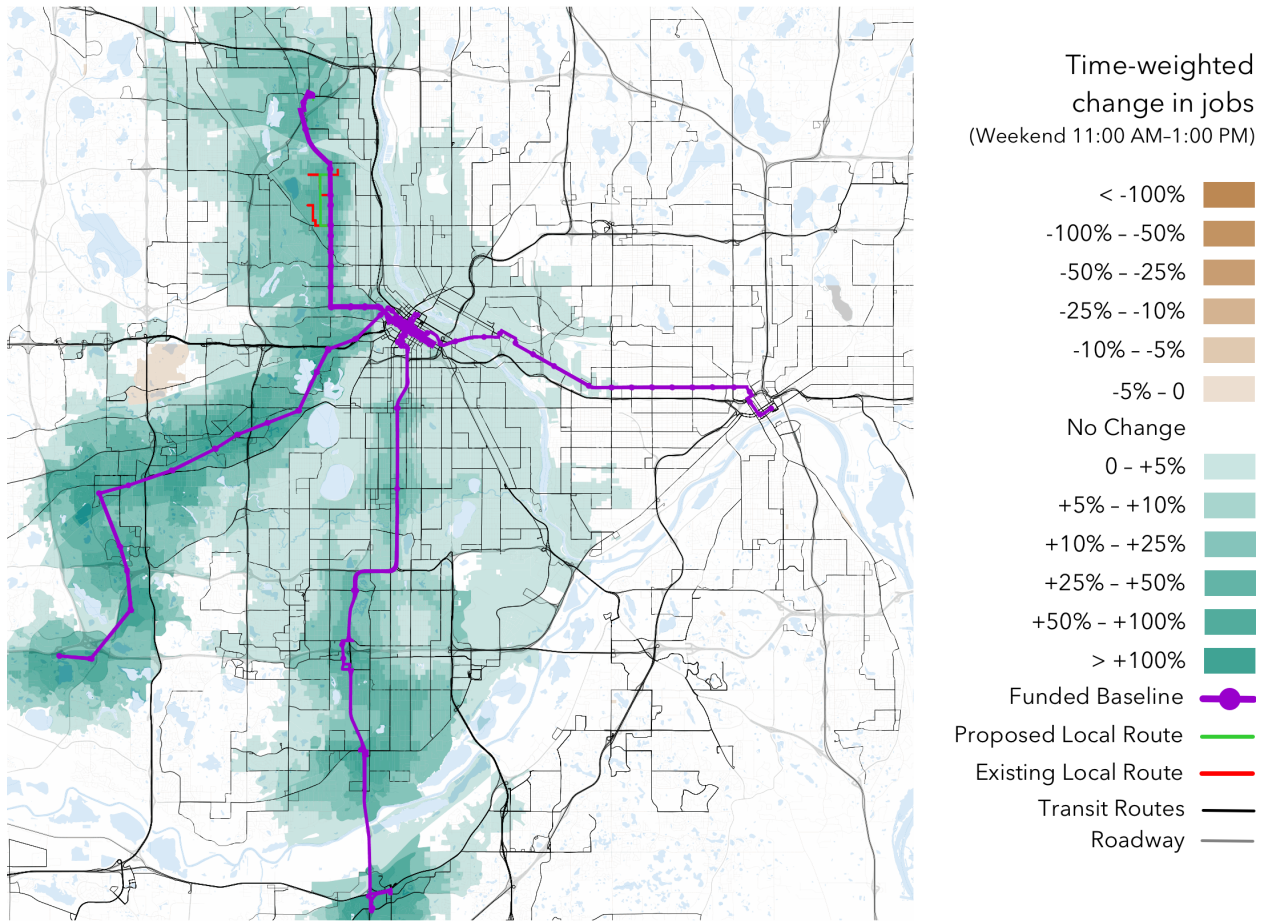


**Figure B.2** Accessibility percent change between May 2019 baseline and funded baseline transit networks at 11:00 AM–1:00 PM weekday, time-weighted.



**Figure B.3** Accessibility percent change between May 2019 baseline and funded baseline transit networks at 4:00–6:00 PM weekday, time-weighted.

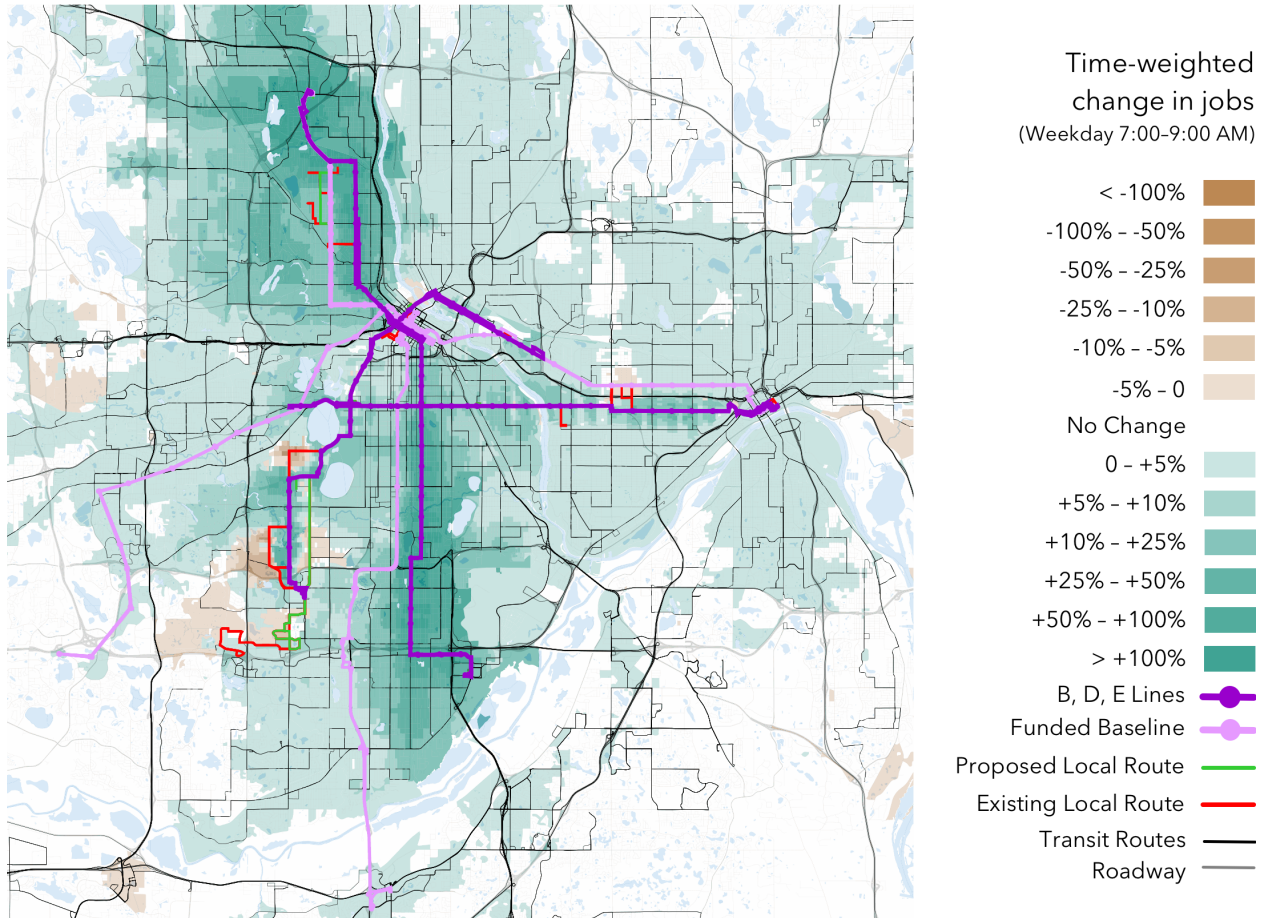




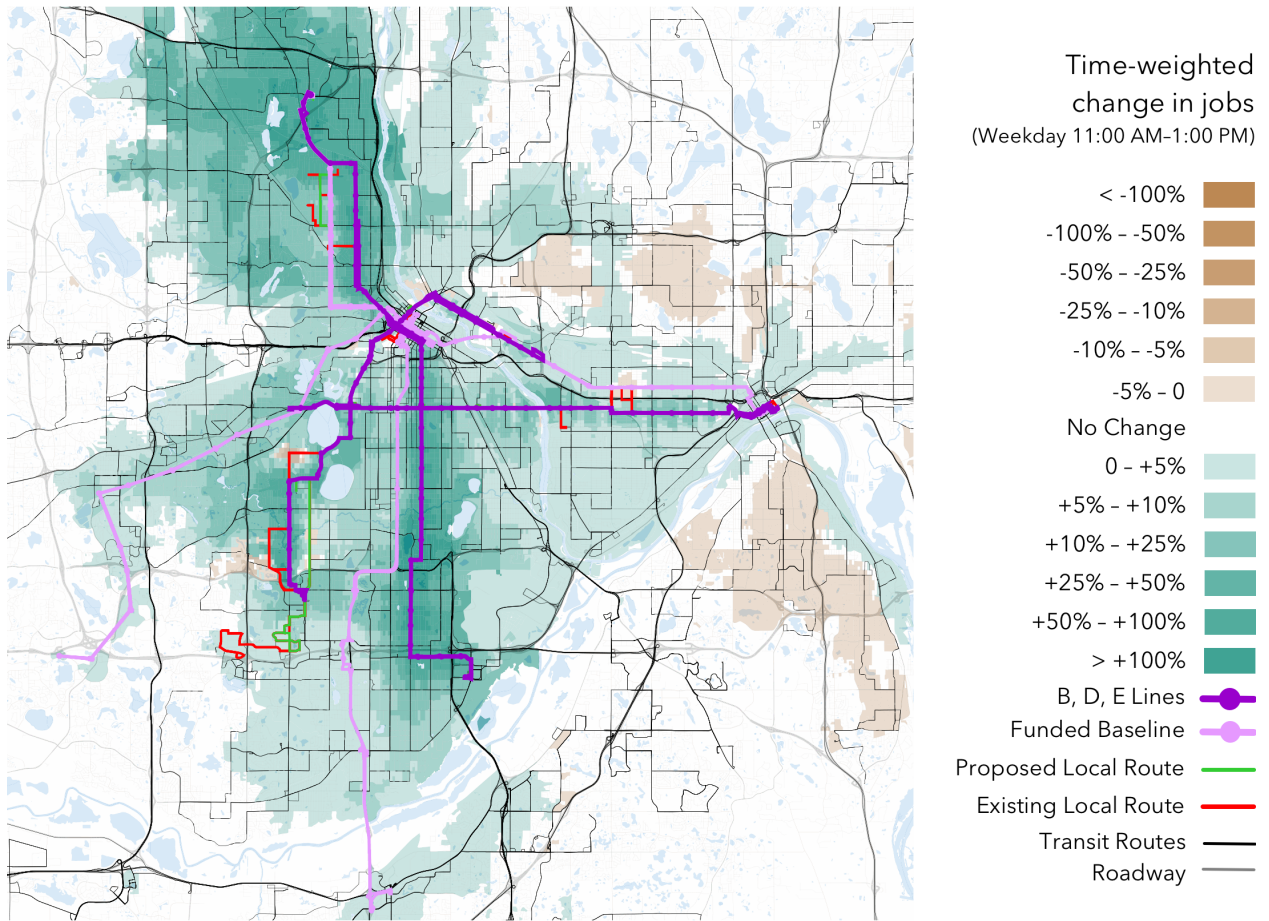
**Figure B.4** Accessibility percent change between May 2019 baseline and funded baseline transit networks at 11:00 AM–1:00 PM weekend, time-weighted.



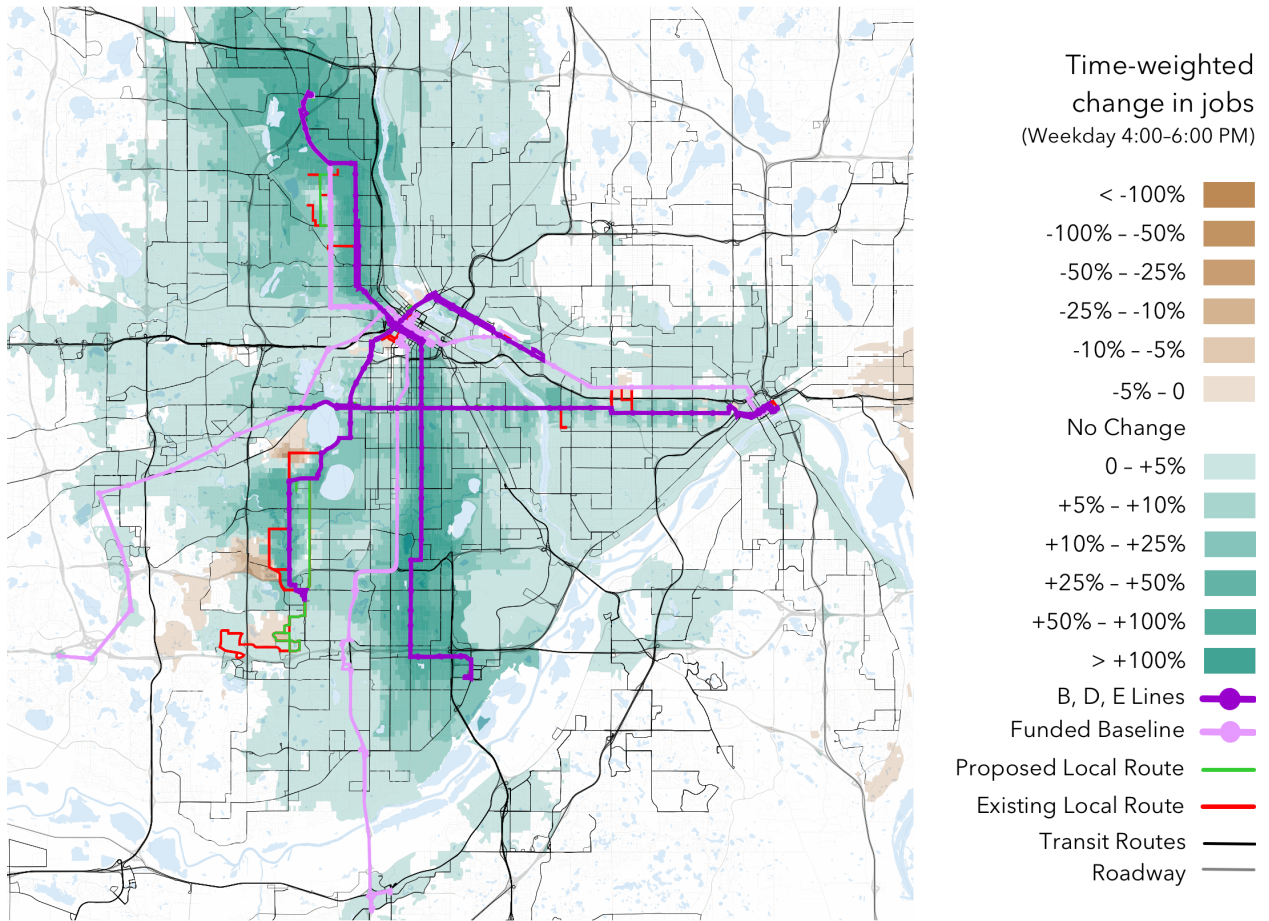
## Funded baseline vs prospective network



**Figure B.5** Accessibility percent change between funded baseline and prospective transit networks at 7:00–9:00 AM weekday, time-weighted.



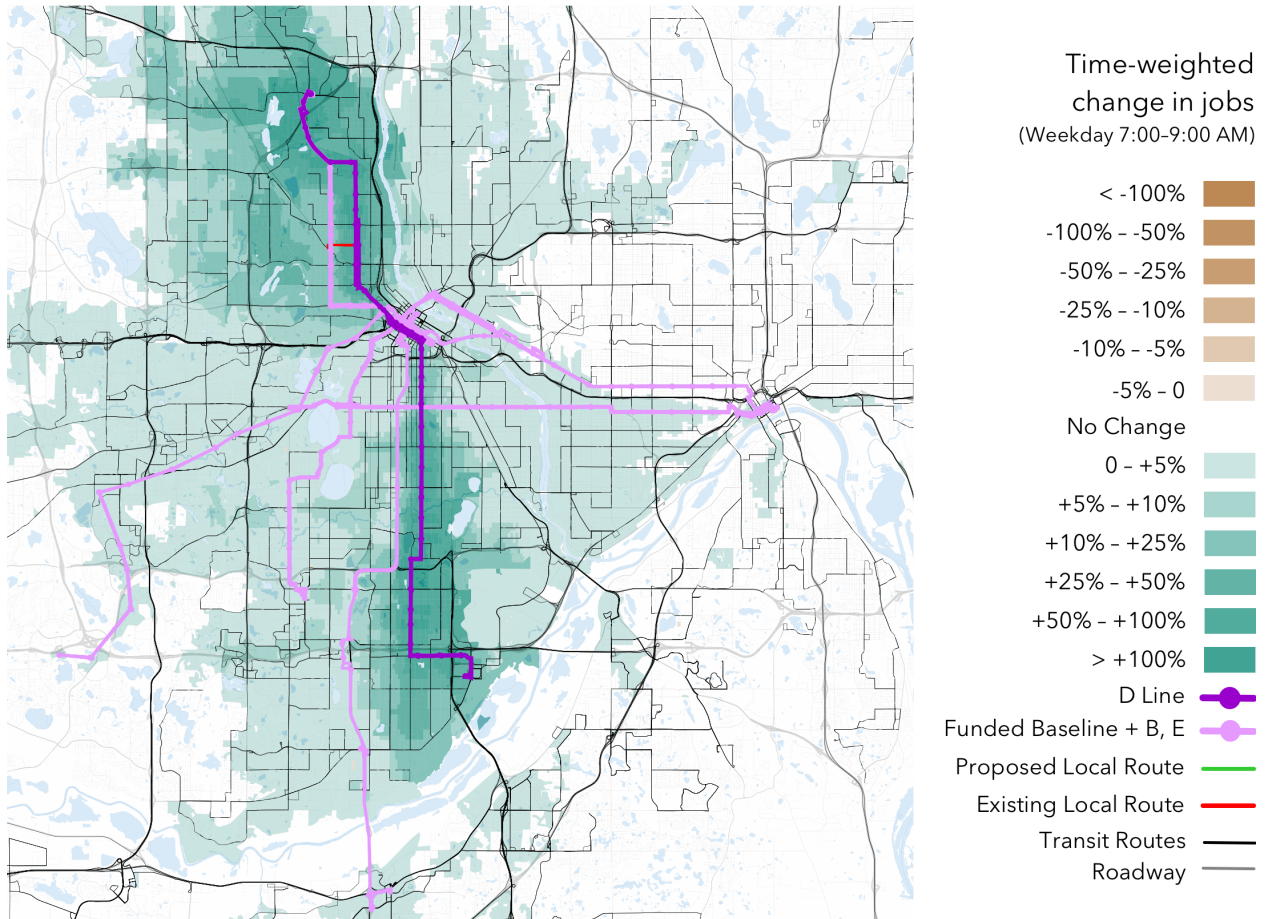
**Figure B.6** Accessibility percent change between funded baseline and prospective transit networks at 11:00 AM–1:00 PM weekday, time-weighted.



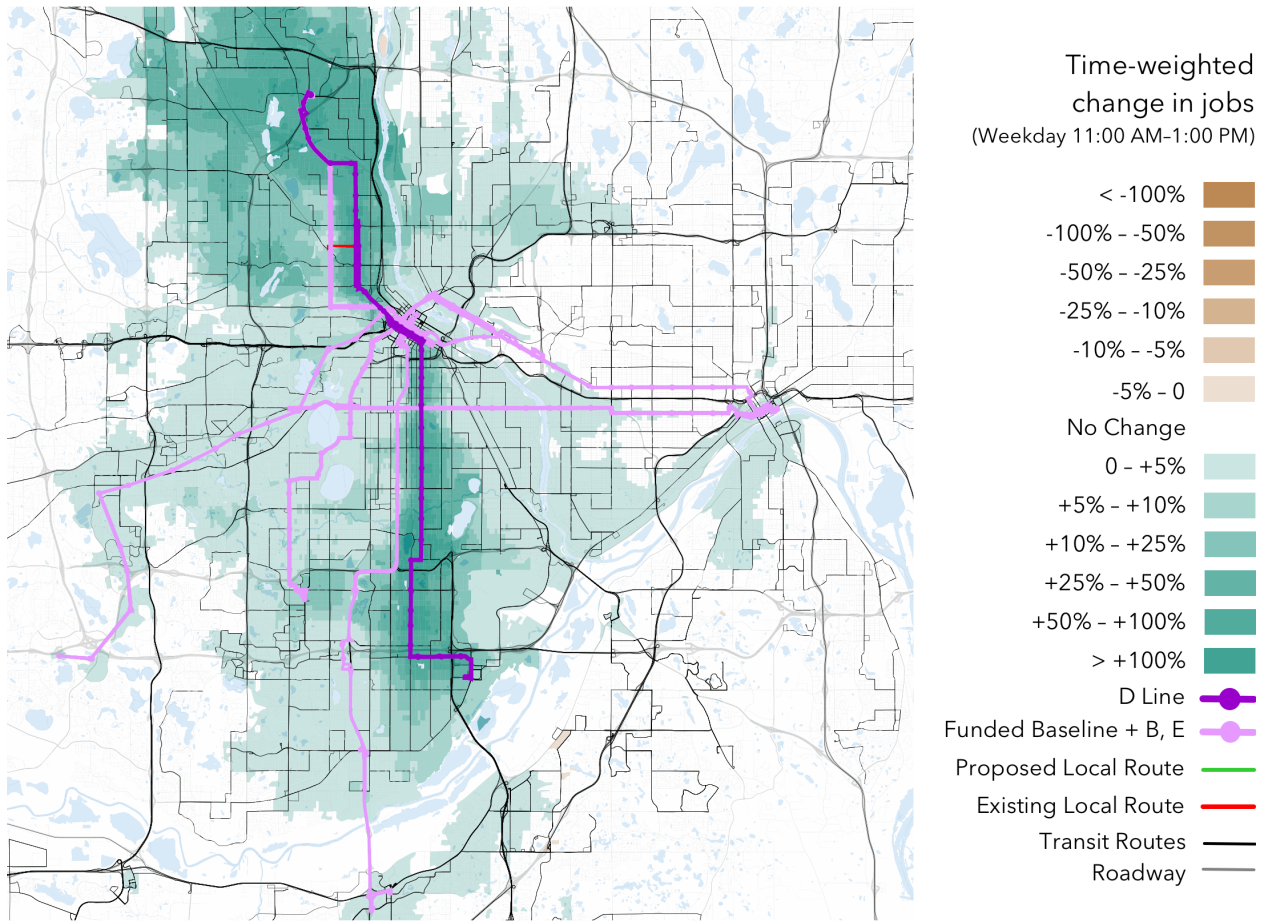
**Figure B.7** Accessibility percent change between funded baseline and prospective transit networks at 4:00–6:00 PM weekday, time-weighted.



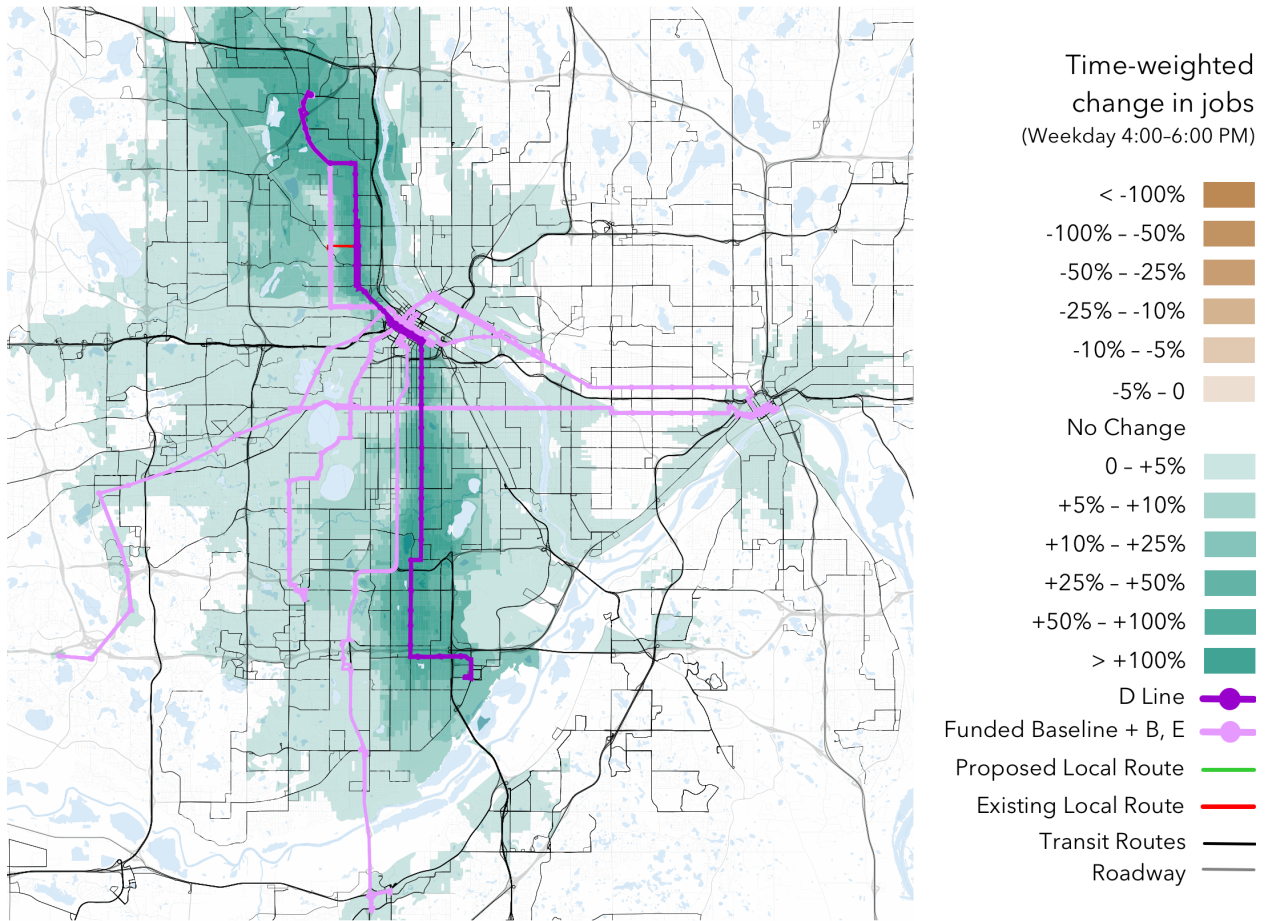
## D Line



**Figure B.8** Accessibility percent change by adding D Line to the prospective transit network at 7:00–9:00 AM weekday, time-weighted.



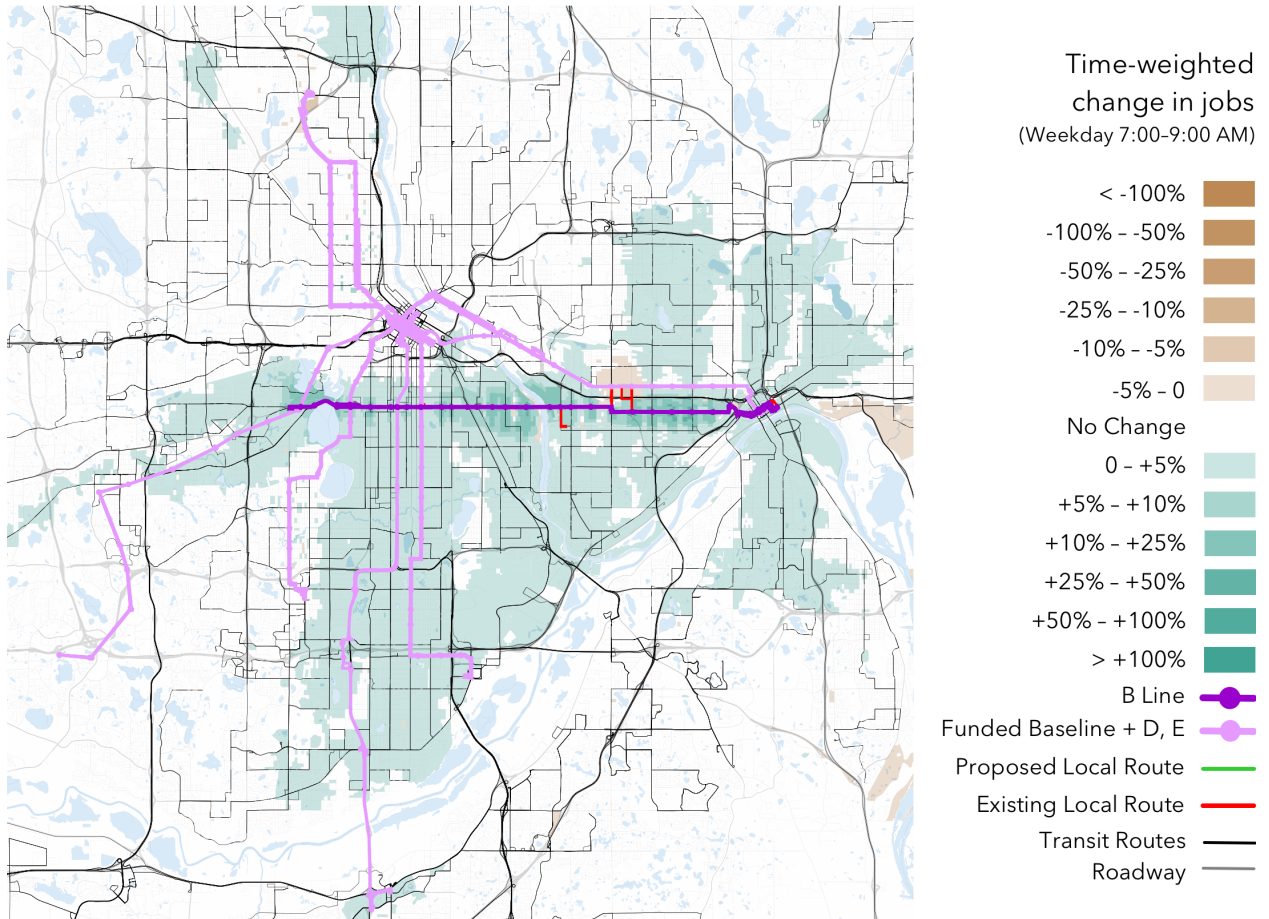
**Figure B.9** Accessibility percent change by adding D Line to the prospective transit network at 11:00 AM-1:00 PM weekday, time-weighted.



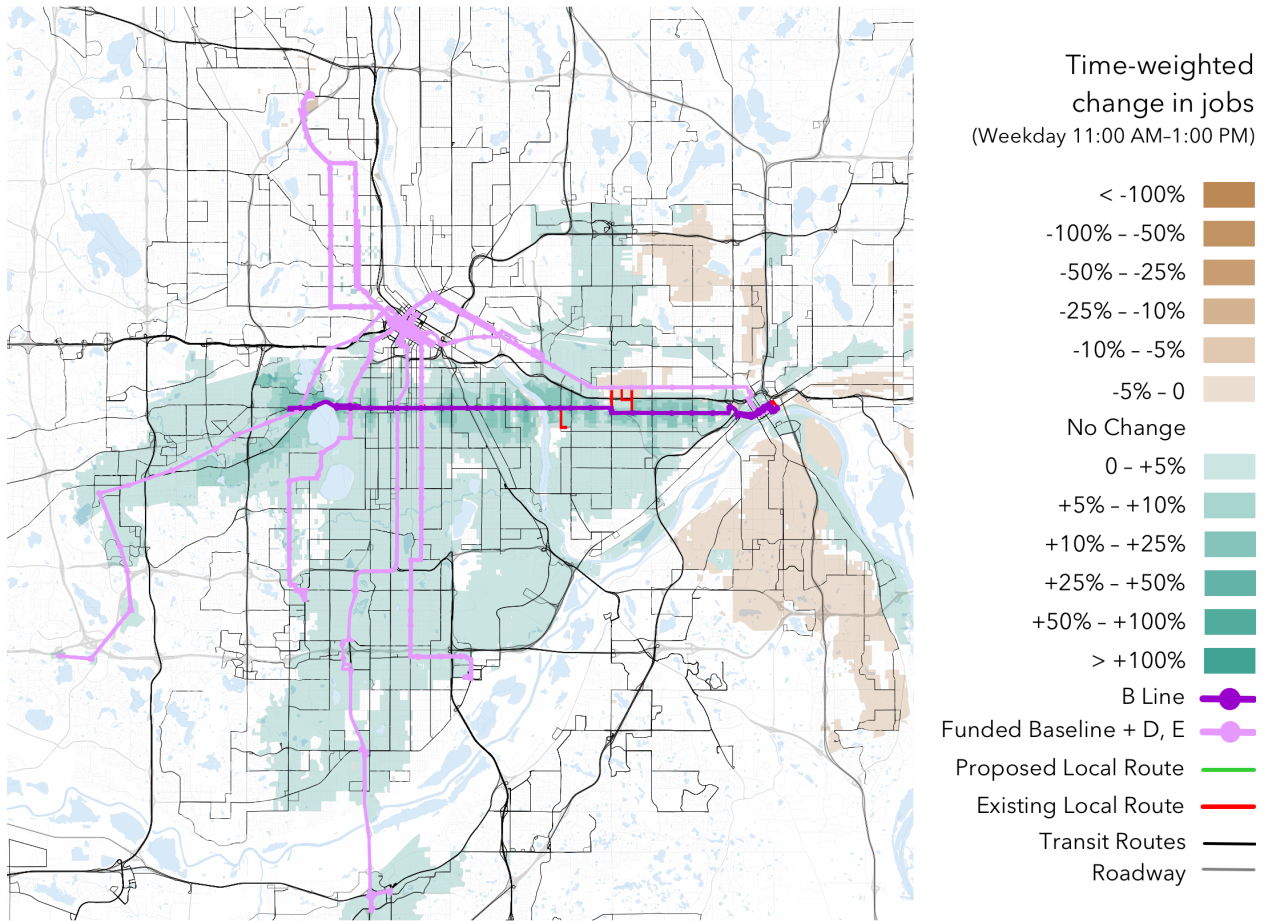
**Figure B.10** Accessibility percent change by adding D Line to the prospective transit network at 4:00–6:00 PM weekday, time-weighted.



## B Line

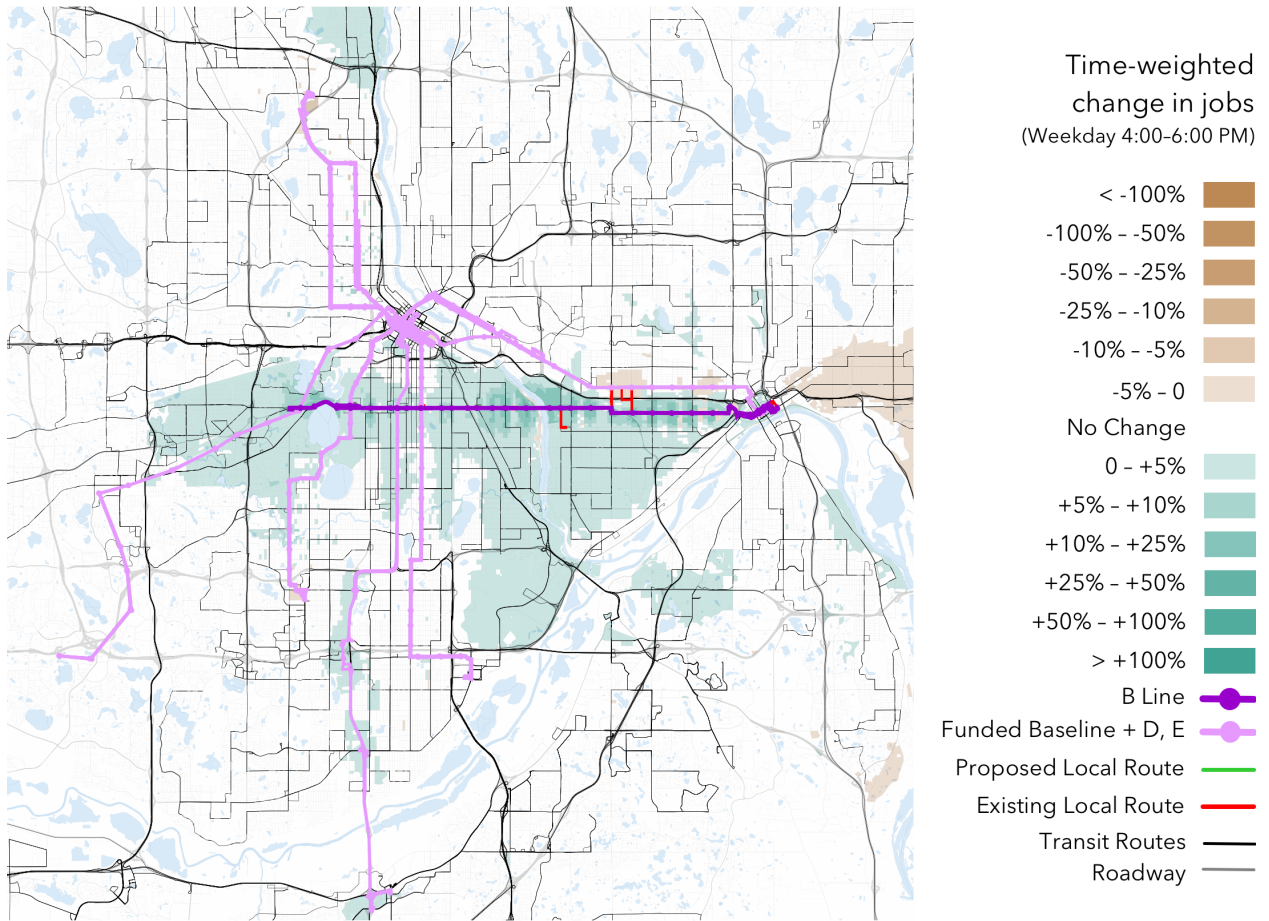


**Figure B.11** Accessibility percent change by adding B Line to the prospective transit network at 7:00–9:00 AM weekday, time-weighted.



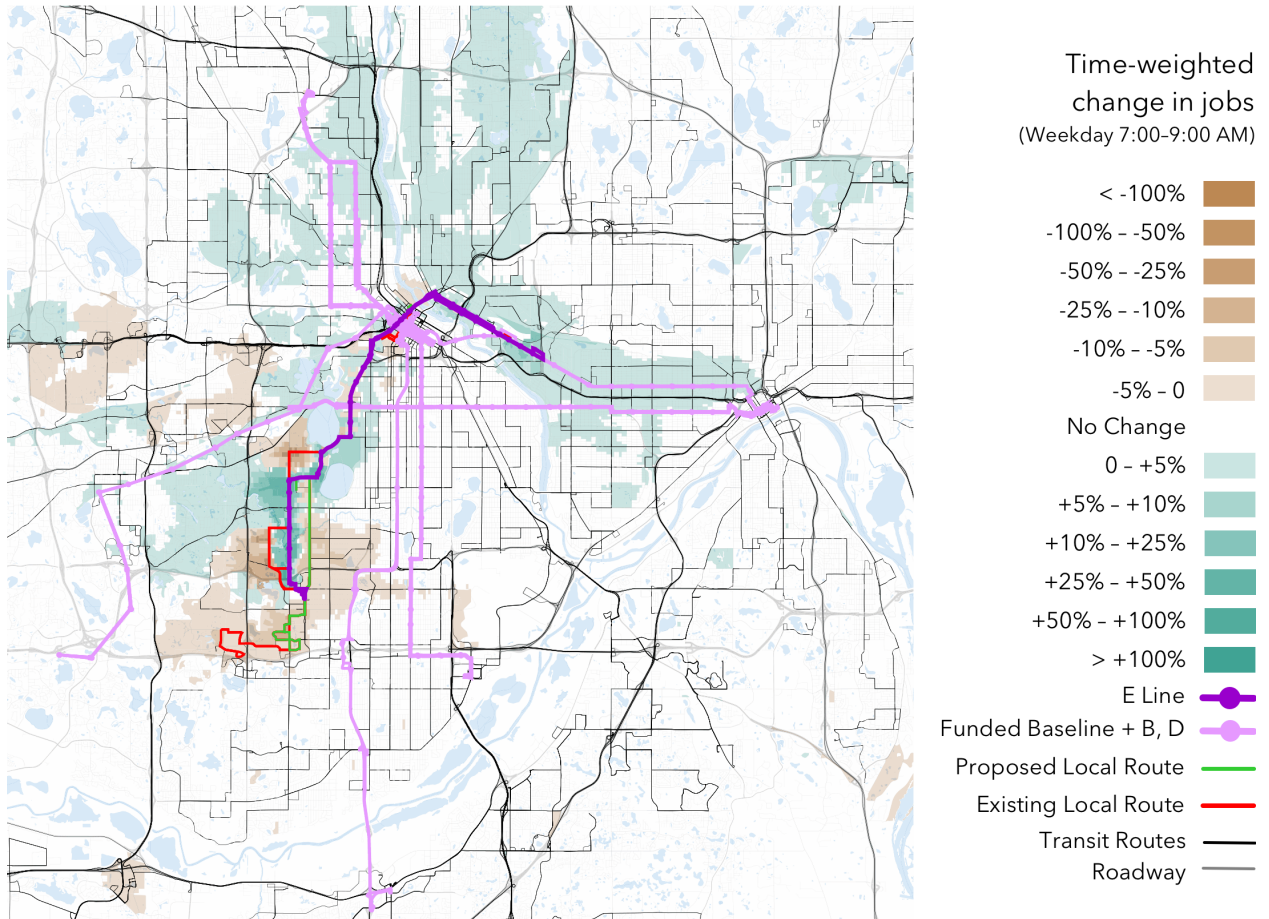
**Figure B.12** Accessibility percent change by adding B Line to the prospective transit network at 11:00 AM-1:00 PM weekday, time-weighted.



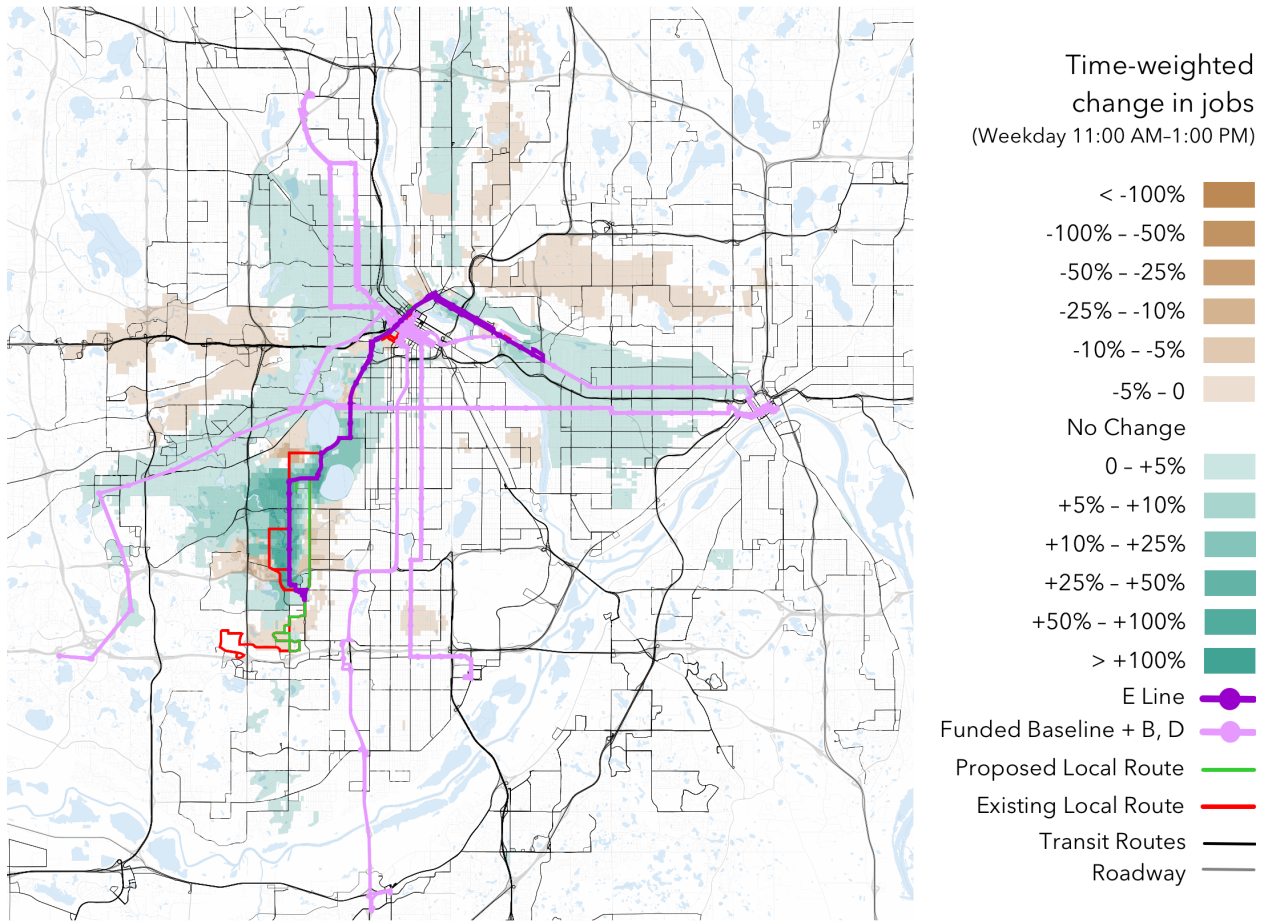


**Figure B.13** Accessibility percent change by adding B Line to the prospective transit network at 4:00–6:00 PM weekday, time-weighted.

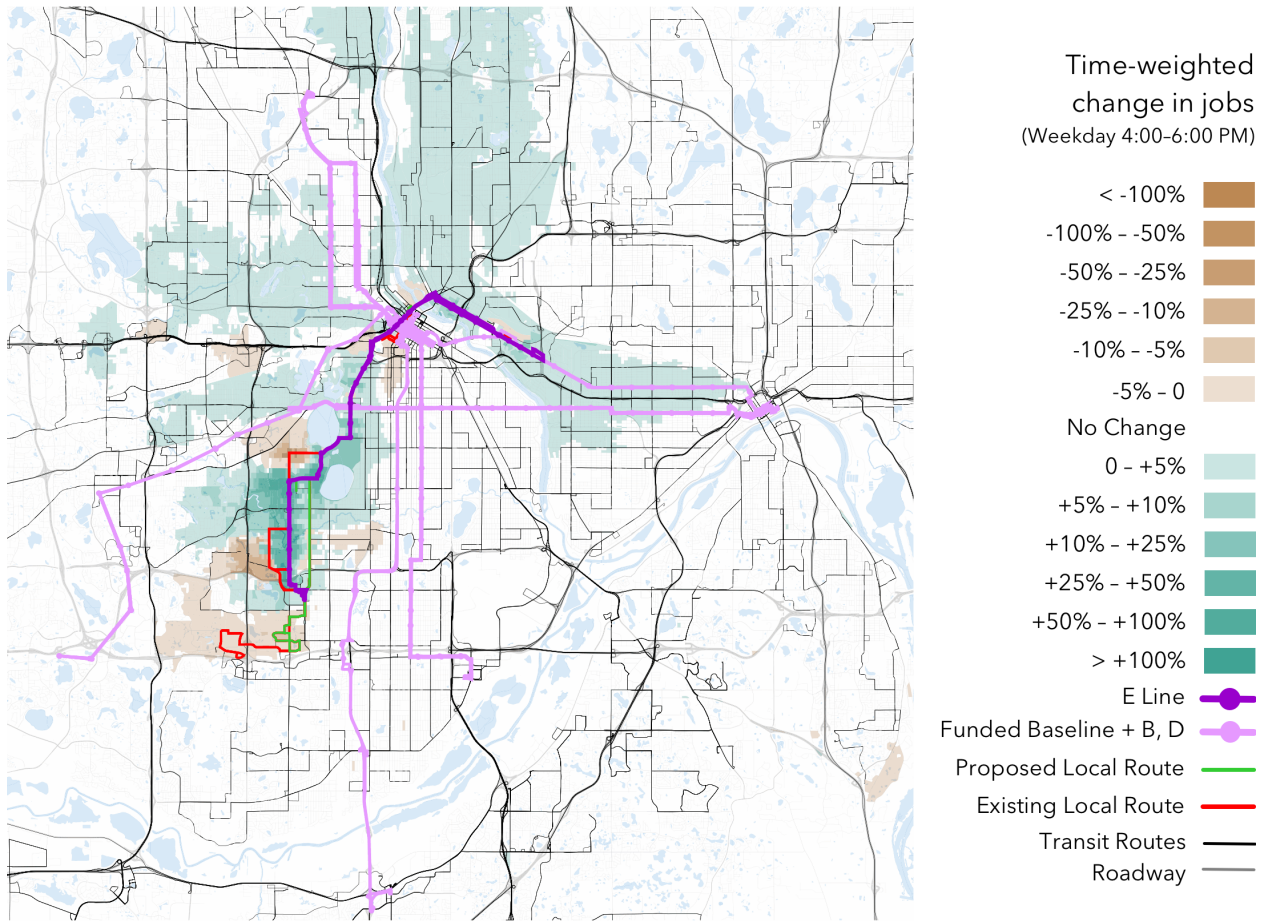
## E Line



**Figure B.14** Accessibility percent change by adding E Line to the prospective transit network at 7:00–9:00 AM weekday, time-weighted.



**Figure B.15** Accessibility percent change by adding E Line to the prospective transit network at 11:00 AM-1:00 PM weekday, time-weighted.



**Figure B.16** Accessibility percent change by adding E Line to the prospective transit network at 4:00–6:00 PM weekday, time-weighted.



## References

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