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# Appendix C: Technical Support Document Template

**NCHRP 25-25, Task 104**

**Streamlining Carbon Monoxide Project-Level Air Quality Analyses with Programmatic Agreements**

**Technical Support Document Template**

*Prepared for:*

AASHTO Committee on Environment and Sustainability

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The information contained in this report was prepared as part of NCHRP Project 25-25, Task 104, National Cooperative Highway Research Program.

**SPECIAL NOTE:** This report **IS NOT** an official publication of the National Cooperative Highway Research Program, Transportation Research Board, National Research Council, or The National Academies.

**Technical Support Document Template**

As described earlier, the coloring scheme in the draft PA template, and its associated TSD, is as follows:

Black text = Text that generally will not need to be modified and can be used for a national PA and for individual state PAs;

Red text = Information (e.g. report or study citations) at a Federal or state level that is not yet complete and can be added at a later date when a national PA or state PA is finalized;

Blue text = Text to be added containing information relevant to a particular state in order to allow completion of a state –specific PA and its associated TSD.

**FHWA-STATE DOT AGREEMENT ON PROJECT-LEVEL CARBON MONOXIDE AIR QUALITY ANALYSIS**

**TECHNICAL SUPPORT DOCUMENT**

**Prepared by**

**STATE DOT**

**Environmental Office**

March 2020

# Executive Summary

This Technical Support Document (TSD) provides background and technical information in support of the Programmatic Agreement (PA) between the STATE DOT and the STATE Division of FHWA related to project level carbon monoxide (CO) air quality analysis. This TSD and the associated PA establish which project types and conditions are not expected to exceed CO National Ambient Air Quality Standards (NAAQS) and therefore do not require a project-specific quantitative air quality analysis.

The analyses described in this TSD demonstrate, with a high degree of confidence, that implementation of these project types under the conditions listed could not cause or contribute to a violation of the ambient air standards for CO. The project types covered are freeways, arterials, interchanges and intersections.

It is recognized that, from time to time, new emission or dispersion models may be developed and approved or that underlying ambient or technical conditions may change. As necessary, this TSD will be updated to reflect any substantive changes.

# **Background**

## Air Quality Standards for CO

Under the Clean Air Act, EPA is required to set National Ambient Air Quality Standards for six principal air pollutants, including CO (**Table 1**). The standards are set to avoid adverse impacts to public health and the environment. The Clean Air Act identifies two types of national ambient air quality standards. Primary standards provide public health protection, including protecting the health of "sensitive" populations such as asthmatics, children, and the elderly with an adequate margin of safety. Secondary standards provide public welfare protection, including protecting against decreased visibility and damage to animals, crops, vegetation, and buildings. There are currently no secondary standards for CO.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Table 1 – Current National Ambient Air Quality Standards (NAAQS) for Carbon Monoxide (CO)** | | | | |
| Pollutant [final rule cite] | Primary/  Secondary | Averaging Time | Level | Form |
| Carbon Monoxide [76 FR 54293, Aug 31, 2011] | Primary | 8-hour | 9 ppm | Not to be exceeded more than once per year |
| 1-hour | 35 ppm |

Source: https://www.epa.gov/co-pollution/national-ambient-air-quality-standards-naaqs-carbon-monoxide-co

EPA designates geographic regions as in attainment or nonattainment of the NAAQS. Generally, regions that met NAAQS when the standards were promulgated and have continued to meet those standards for a given pollutant are designated attainment areas. Regions that were deemed out of compliance when NAAQS were promulgated and that continue to exceed the NAAQS for a given pollutant are designated nonattainment areas. Regions that were previously out of compliance with the standard but have since come into compliance are designated maintenance areas. As of September 27, 2010, all former CO nonattainment areas were determined to be in compliance for CO, and so have been re-designated as maintenance areas.

States with nonattainment or maintenance areas were required under the Clean Air Act to develop State Implementation Plans (SIPs) adopting transportation conformity requirements at least as stringent as the federal requirements. Some states also adopted additional requirements beyond those prescribed under the Clean Air Act. INSERT INFO ABOUT STATES COMPLIANCE STANDING. INSERT STATE REQUIREMENTS FROM CONFORMITY SIPS, IF ANY.

## Highway Projects & CO Requirements

Nationally, annual CO emissions in the US total over 82 million short tons. Mobile sources, including gasoline fueled cars, trucks, buses and off-road vehicles, are responsible for approximately 51% of this total.

Source: 2014 National Emission Inventory[[1]](#footnote-1)

Figure 1 – National Carbon Monoxide Emission Inventory

A similar situation exists at the state level. In STATE – INSERT IFORMATION ON STATE CO INVENTORY AS APPROPRIATE.

INSERT FIGURE OR TABLE ON STATE CO INVENTORY

Because of the significant CO pollution attributable to mobile sources, transportation agencies have been required to examine the effect of their highway projects on CO levels in the project area. Indeed, under Section 176(c) of the Clean Air Act (the conformity provision), in order to proceed, certain highway projects are required to demonstrate that the incremental addition of CO emissions as a result of the project will not cause or contribute to a violation of the CO NAAQS. The analysis necessary to demonstrate this is typically performed during the environmental studies undertaken to examine environmental impacts of the project.

For transportation projects involving federal funding or action, the environmental analysis is performed pursuant to the requirements of the National Environmental Policy Act (NEPA). Enacted on January 1, 1970, NEPA established a national environmental policy focused on federal activities with the goal of balancing a sustainable environment with other essential present and future needs. NEPA established a requirement for federal agencies to consider the potential environmental consequences of their proposals, document the analysis, and make this information available to the public for comment prior to implementation. NEPA also requires Federal agencies to use an interdisciplinary approach in planning and decision making for any action that adversely impacts the environment. As implemented by FHWA, this means investigating and avoiding potential impacts to the social and natural environment (such as a violation of the CO NAAQS) when considering approval of proposed transportation projects. FHWA’s policy and regulations implementing NEPA are found at 23 CFR § 771.105.

Many states have enacted a state version of NEPA to cover state actions and funding. Like NEPA, the state versions typically require an examination of potential environmental impacts and appropriate action to mitigate these impacts to the extent practicable. INSERT HERE INFORMATION ABOUT STATE ENVIRONMENTAL REQUIREMENTS.

As mentioned above, regions of the nation that did not meet the NAAQS for CO when the standards were promulgated were designated as nonattainment areas under the Clean Air Act. Those areas have since all reached attainment of the CO standard based on monitoring or modeling studies and most are now designated as maintenance areas. However, under Section 176(c) of the Clean Air Act (the transportation conformity provision), certain transportation projects in maintenance areas are required to demonstrate that the project will not cause or contribute to a violation of the CO standard.

## Decline in CO Concentrations

The likelihood of highway projects leading to violations of the CO NAAQS has been significantly reduced over the last few decades. Indeed, vehicle miles traveled (VMT) have seen a long-term general increase over time.

Figure 2 shows the trend in VMT at a national level. This has also been the case at the state level.

Background CO concentrations are critical in determining a project’s impact in terms of NAAQS. At the national level, background CO concentrations have seen significant decreases over the past two decades or more. Indeed, the nationwide network of CO air quality monitoring sites have reported a 80% decline in the 90th percentile of maximum 8-hour CO concentration from 9.7 ppm, above the NAAQS for CO (9 ppm—see 9.5 **Table 1**) in 1990 to 1.9 ppm, well below the NAAQS for CO, in 2016 (Figure 3). Similar reductions have been found at the state level.

INSERT INFORMATION AND FIGURE OR TABLE, IF APPLICABLE, REGARDING STATE CO MONITORING DATA.

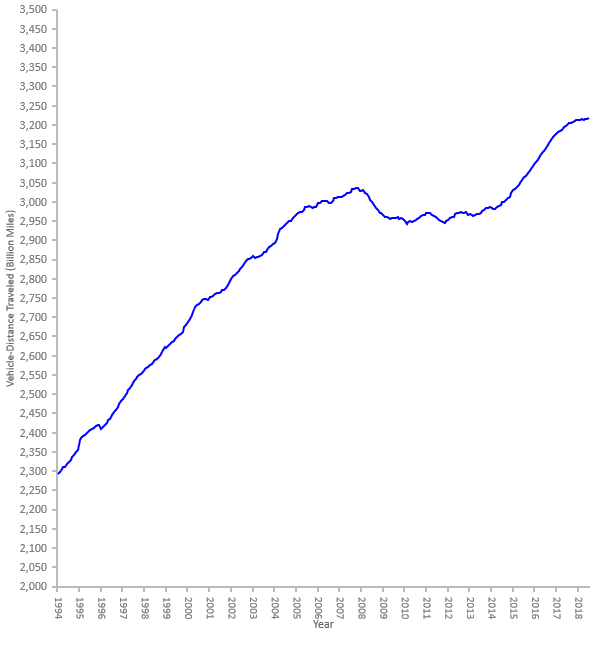


Figure 2 - Total National VMT (in billions of miles) on All Highways, 1994-2018. Source: FHWA.[[2]](#footnote-2)

Figure 3 - National Trends in CO Concentration, 1980-2016 (Annual 2nd High 8-hour average N=62).[[3]](#footnote-3)

The largest contributor to the substantial reductions in CO concentrations has been the Federal Motor Vehicle Emission Control Program, which sets emission limits for on-road vehicles. This program since implementation has been responsible for a 95% reduction in CO emissions from light-duty vehicles. Additional CO emissions reductions are expected to result from EPA’s Tier 3 Control Program, enacted in April 2014, which places limits on the sulfur content of gasoline. Although CO emission rates are not directly regulated under the Tier 3 Control Program, the additional stringency on sulfur content in gasoline will reduce CO emissions by extending the effective life of vehicle catalysts. When fully implemented, by 2030, Tier 3 is expected to produce an additional 24% reduction in CO emissions (**Table 2**).

|  |  |  |
| --- | --- | --- |
| **Table 2 – Projected CO Reductions from EPA’s Tier 3 Program** | | |
|  | [Annual U.S. tons] | |
| 2018 | 2030 |
| Reduction from pre-Tier 3 fleet due to sulfur standard | 122,171 | 17,734 |
| Reduction from Tier 3 fleet due to vehicle and sulfur standards | 156,708 | 3,440,307 |
| Total reduction | 278,879 | 3,458,041 |
| Percent reduction in on road CO emissions | 2% | 24% |

Source: <https://www.federalregister.gov/articles/2014/04/28/2014-06954/control-of-air-pollution-from-motor-vehicles-tier-3-motor-vehicle-emission-and-fuel-standards>

The low ambient CO concentrations and the anticipated continued decline of these concentrations suggest that violations of the current CO NAAQS are unlikely today and into the future. As a result, any changes to local CO concentrations resulting from highway projects are highly unlikely to cause or contribute to a violation of these standards. It is reasonable, therefore, to reduce CO analyses for highway projects to the maximum extent while still monitoring situations that could lead to high levels of ambient CO concentrations.

# Regulatory Context and Prior Programmatic Agreements

## Regulatory Requirements and Guidance

For highway projects involving federal funding or action, project-level CO analyses are performed pursuant to the National Environmental Policy Act (NEPA). Enacted on January 1, 1970, NEPA established a national environmental policy requiring federal agencies to take consideration of the environmental impact of proposed projects in their planning and decision making. Specifically, NEPA established a requirement for federal agencies to perform an environmental assessment that considers the potential environmental consequences of their proposed projects. If the environmental assessment finding is that the project will have significant impact, then the federal agency must prepare an environmental impact statement (EIS). The EIS details the environmental consequences of the project and provides reasonable alternatives or amendments that would mitigate these impacts. NEPA requirements encompass any project, public or private, that receives federal funding, though it is the burden of the federal agency to perform the analysis. When applied to FHWA highway projects, NEPA requires consideration of potential environmental impacts—including violation of CO NAAQS, when considering approval of the projects. FHWA’s policy and regulations implementing NEPA are found at 23 CFR § 771.105.

Nineteen states have enacted a state version of NEPA to cover state funded projects. Thus, for state level highway projects, CO analysis may be required in accordance with state NEPA analogues. Like NEPA, the state versions typically require an examination of potential environmental impacts and proposal of efforts to mitigate these impacts to a practical extent. States may also require CO analyses in order for a project to comply with transportation conformity requirements. Project transportation conformity requirements are found in 40 CFR Parts 51 and 93. INSERT HERE INFORMATION ABOUT STATE ENVIRONMENTAL REQUIREMENTS.

Guidance related to performing these analyses may be found in the FHWA Technical Advisory T6640.8A (October 30, 1987). With respect to air quality, the guidance recognizes that microscale air quality analyses may be performed for some projects but does not offer any methodological guidance beyond adding background concentrations to the project contribution or the preferred alternative to arrive at a total CO concentration for comparison to the NAAQS. Using this general guidance, many states developed their own guidelines and procedures tailored to state policies and air quality status.

The EPA transportation conformity rule requires project-level (“hot-spot”) analyses for CO for areas subject to conformity for that pollutant. As a means to streamline analyses, the conformity rule provides the option of a categorical finding (CF), which is analogous to a PA that may be executed for purposes of NEPA but with key differences: 1) A CF is applicable for areas subject to conformity for CO (and not for NEPA), and is approved by FHWA in consultation with EPA, and not state DOTs, and 2) a PA is applicable for NEPA (not areas subject to conformity for CO) and is typically executed between a state DOT and its respective FHWA Division office. The option exists in concept for a CF for CO to also be designated as applicable for NEPA (i.e., making it both a CF and an PA), although this has not been done to date.

### Prior Work on Programmatic Agreements for CO

Historically, PAs have been implemented by state DOTs to address a range of environmental topics (e.g., NEPA, noise, air quality). At the national level, work began on the development of a template PA and TSD for CO with a National Cooperative Highway Research Project (NCHRP) (“Task 78”) study*[[4]](#footnote-4)* initiated in 2012 by state DOTs to build upon successful state experiences[[5]](#footnote-5) in streamlining project-level air quality clearances for purposes of NEPA with state-specific PAs. The intent was to create a national template PA and associated TSD for CO that state DOTs could customize and implement for their respective jurisdictions. A national template would save state DOTs the cost of development of a PA and TSD for CO and also serve to provide greater consistency nationally in how projects are screened for CO. Completed in 2015, the NCHRP Task 78 study examined a variety of project types and conditions in order and identified multiple highway facility types and configurations that would not reasonably be expected to result in violation of the CO NAAQS. It tested even the remote possibility of CO ambient air quality standard violations using worst-case modeling (following FHWA guidance on worst-case assumptions) and maintaining consistency as appropriate with EPA guidance for CO hot-spot analyses.[[6]](#footnote-6) It applied EPA-approved emission and dispersion models, namely MOVES2010b as the emission model and CAL3QHC (version 04244) as the dispersion model.

Subsequently, the PA and TSD templates developed in the NCHRP Task 78 study were updated in a second NCHRP study (“Task 104”).[[7]](#footnote-7) The NCHRP Task 104 study, which was completed in 2020, covered a greater range of road grades compared to the original Task 78 Templates and also added coverage of a range of intersection skew angles. As with the NCHRP Task 78 study, the modeling for the NCHRP Task 104 update was conducted using EPA-approved emission and dispersion models for project-level CO screening analyses. MOVES2014a was applied as the emission model (which was updated by EPA in the interim period since the original NCHRP Task 78 study was completed), and CAL3QHC (version 04244) was again applied as the dispersion model. This PA and TSD are based on the updated templates developed in the NCHRP Task 104 study.

For reference, in a parallel effort conducted following the initiation of the NCHRP Task 78 study, the FHWA developed a categorical finding (CF) that could be implemented in areas subject to EPA conformity requirements for CO, i.e., in areas in which a PA designed for NEPA applications typically would not be applicable but the functionally-equivalent CF could be applied. State DOTs could then use the NCHRP PA for NEPA and the FHWA CF for conformity. Completed in 2014, the FHWA CF[[8]](#footnote-8) documented conditions for a single facility type (i.e., urban intersections) in areas subject to conformity requirements for CO that would not require project-specific emission and dispersion modeling. The FHWA CF was based on a set of worst-case assumptions similar in concept to those applied in the NCHRP PAs. In 2017, FHWA published a revision[[9]](#footnote-9) to its original 2014 CF based on updated emission modeling (with MOVES2014a) and the CAL3QHC dispersion model. However, the FHWA CF remained limited to large urban intersections; its coverage was not expanded to include the additional highway facility types and configurations covered by this PA. The 2017 FHWA CF is applicable to all states and territories (except California) that are subject to conformity requirements for CO[[10]](#footnote-10).

# Modeling

The models used in CO air quality analysis have evolved over time. For emissions, the MOBILE series of models were used predominantly until the 2010 release of the first version of MOVES (Motor Vehicle Emission Simulator). Similarly, dispersion models have undergone changes over time. Highway sources have historically been treated as line sources using Gaussian dispersion to deliver CO from the source to the receptor. The HIWAY and CALINE series of models were developed to allow for modeling of roadways. However, it was realized that congested intersections, with most vehicles experiencing idling and acceleration and deceleration associated with a traffic signal, may be more of a concern for CO levels than free-flowing highways. To account for intersection scenarios, queuing algorithms were added to dispersion models, resulting in the current series of CAL3QHC and CAL3QHC(R) models. This analysis used MOVES (version MOVES2014a) and CAL3QHC (version 042440) for emissions and dispersion modeling, respectively.

INSERT TEXT OF STATE SITUATION. TOPICS COULD INCLUDE: CHRONOLOGY OF GUIDANCE AND PROCEDURES, PREVIOUS AGREEMENTS, DOCUMENT STATUS OF PROJECT-LEVEL MODELING. A DISCUSSION ON THE CAPITAL PROGRAM (I.E. TYPES OF PROJECTS, MAJOR VS MINOR PROJECTS) WITHIN THE STATE TO SHOW SMALL PERCENTAGE OF PROJECTS WITH NEED FOR AIR QUALITY ANALYSIS

The assumptions and inputs to the modeling process were conservative and/or worst-case. Conservative here refers to a modeling approach that, by design, tends to over predict concentrations. If a project does not cause a violation with these conservative inputs and assumptions, then a violation under “real-world” conditions is extremely unlikely to occur. This is standard practice in transportation air quality modeling. Further discussion of how this conservative emissions and air dispersion modeling was conducted is provided in the remainder of this section.

The use of a number of conservative modeling inputs effectively provides a l safety margin for the PA. Given the degree of conservatism, the criteria to be specified in the PA for its application to proposed projects may reasonably be limited to only the most critical. For example:

* The PA may not specify meteorological data as criteria for its application for proposed projects, as worst-case meteorological inputs (e.g., low winds speed) were assumed for the dispersion modeling for the TSD.
* The PA may specify limits on the number of freeway lanes as a criterion but not project-specific forecast traffic volumes, as worst-case volumes per lane for each facility type were assumed for the modeling for the TSD.
* Similarly, the criteria for application of the PA may reasonably be based on posted speeds (within specified speed ranges) as a reasonable proxy for forecast speeds.

## Emissions Modeling

Emission modeling was performed using the MOVES model (version MOVES2014a). The emissions parameters for MOVES were specified in the Run Specification file (Runspec) and in the Project Data Manager (PDM). All applications of the MOVES model were conducted at the project level scale. Multiple MOVES runs were conducted for varying roadway grades to establish CO emissions rates. Other MOVES input parameters such as temperature and relative humidity were fixed to be conservative and consistent with the dispersion modeling component of the analysis (see section 4.3.3). **Table 3** describes the input parameters that were used in the Runspec and PDM for the MOVES component of the analysis. Appendix C-1 lists the emission factors from the application of the MOVES model for all combinations of speeds, roadway type and grade based on the input parameters discussed in this section.

|  |  |  |  |
| --- | --- | --- | --- |
| **Table 3 – MOVES Input Parameters by Scenario** | | | |
| Parameter | Freeway | Arterial | Intersection |
| **Scale** | Project Level Domain | | |
| **Year** | 2020 | | |
| **Month** | January | | |
| **Time Span - Hour** | 08:00 AM | | |
| **Time Span - Day** | Weekday | | |
| **Geographic Bounds** | Custom Domain | | |
| **Temperature** | 78° Fahrenheit | | |
| **Relative Humidity** | 100% | | |
| **Fuel Formulation** | Gasoline – Formulation ID - 3505 | | |
| Diesel – Formulation ID - 25005 | | |
| CNG – Formulation ID - 30 | | |
| **Fleet Mix** | All Emission Source Type and Fuel Combinations for 2020 (refer to Table 4 and Table 5) | | |
| **Age Distribution** | 2020 National Default | | |
| **Link Source Type Distribution** | Variable - Based on 2020 National Default VMT for Urban and Rural Restricted Access Road Type with Truck Percentage adjustments | Variable - Based on 2020 National Default VMT for Urban and Rural Unrestricted Access Road Type with Truck Percentage adjustments | Variable - Based on 2020 National Default VMT for Urban and Rural Unrestricted Access Road Type with Truck Percentage adjustments |
| **Road Type** | Urban and Rural Restricted Access | Urban and Rural Unrestricted Access | Urban and Rural Unrestricted Access |
| **Link Average Speed** | 19 to 75 mph, with 74mph having the highest emission rate | 15 to 56 mph, with 15 mph having the highest emission rate | 15 to 56 mph, with 15 mph approach and idle having the highest emission rate |
| **Grade** | Multiple Grades between ±0% to ±7% | | |
| **Inspection & Maintenance** | None | | |

### Relative Humidity

A value of 100% relative humidity was used and was only applicable for the emission modeling, which yields the highest CO emission rates for any temperature over 75 degrees Fahrenheit.

### Temperature

Sensitivity tests with MOVES show that emission rates are sensitive to high temperatures for running exhaust and crankcase exhaust emissions (Figure 4)[[11]](#footnote-11). MOVES2014a predicts higher CO beginning at T > 75 degrees Fahrenheit due to air conditioning use. A review of historical meteorological data (2014-2016) from the top 35 non-overlapping 8-hour CO monitored values from all CO reporting sites in the United States showed that the 8-hour average temperature was never higher than 78 degrees Fahrenheit, after excluding four high CO readings due to nearby wildfires. To be conservative, 78 degrees Fahrenheit was then used in the analysis.

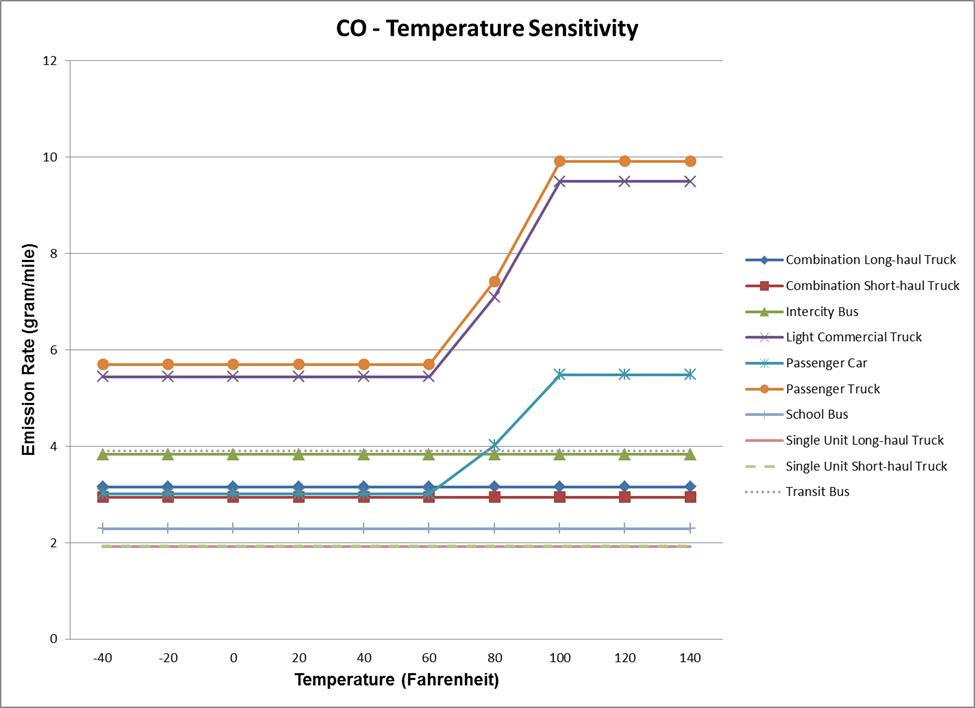


Figure 4 - Sensitivity of CO Emission Rates to Temperature

### Link Source Type Hour Distribution

The national default Link Source Type Hour Distribution was obtained from a national scale MOVES run for the 2020 calendar year. Using the vehicle miles traveled (VMT) information from the ‘movesActivityOutput’ table within the output database, the Link Source Type Hour Distributions were transformed into a Source Type Hour Fraction for intersection, arterial, and freeway scenarios.

Gasoline vehicle types typically have higher CO emission rates compared to diesel vehicle types within MOVES. The Source Type Hour Fractions of heavy-duty trucks for the all road types were adjusted to yield higher CO emission rates. As a worst-case assumption, the Source Type Hour Fractions of short-haul and long-haul trucks were modeled as totaling 20% for all road types. Typically, most heavy-duty trucks will utilize diesel fuel. However, gasoline usage among heavy duty trucks produce significantly higher CO emission rates. In order to yield higher CO emission rates, and as an added worst-case assumption, all short and long-haul trucks were modeled as gasoline powered. It is also more likely that Single Unit Short-Haul and Single-Unit Long-Haul Trucks utilize gasoline than Combination Short-Haul Trucks (Gasoline Combination Long-Haul Trucks cannot be modeled in MOVES). As a further worst-case assumption, given that gasoline usage among Combination Short-Haul Trucks is extremely low and gasoline Combination Long-Haul Trucks are not modeled with MOVES, their Source Type Hour Fractions were set to zero for the all scenarios.

Single Unit Short-Haul Trucks have a significantly higher gasoline usage percentage than Single Unit Long-Haul Trucks. However, gasoline Single Unit Long-Haul Trucks have a significantly higher CO emission rate compared to gasoline Single Unit Short Haul Trucks. As another worst-case assumption, given these factors, a 50/50 proportional split between Single Unit Short-Haul Truck and Single Unit Long-Haul Trucks was assumed.

These two adjustments are reflected in Table 4 for the worst-case Link Source Type Hour Fractions utilized for the freeway, arterial, and intersection scenarios.

| Table 4 – Worst-Case Link Source Type Hour Fractions | | | | | |
| --- | --- | --- | --- | --- | --- |
| Source  Type ID | Description | Source Type Hour Fraction | | | |
| Rural Restricted Access | Rural Unrestricted Access | Urban Restricted Access | Urban Unrestricted Access |
| 11 | Motorcycle | 0.005148815 | 0.006517137 | 0.004624823 | 0.005437676 |
| 21 | Passenger Car | 0.351670565 | 0.350773406 | 0.356868392 | 0.356671678 |
| 31 | Passenger Truck | 0.351670565 | 0.350773406 | 0.356868392 | 0.356671678 |
| 32 | Light Commercial Truck | 0.078288293 | 0.083983908 | 0.074416577 | 0.075599511 |
| 41 | Intercity Bus | 0.000886219 | 0.000596595 | 0.000521725 | 0.000449224 |
| 42 | Transit Bus | 0.001753513 | 0.001202121 | 0.001050873 | 0.000910747 |
| 43 | School Bus | 0.0048217 | 0.003306813 | 0.002890741 | 0.002505633 |
| 51 | Refuse Truck | 0.004170256 | 0.001595545 | 0.001659885 | 0.000819345 |
| 52\* | Single Unit Short-haul Truck | 0.1 | 0.1 | 0.1 | 0.1 |
| 53\* | Single Unit Long-haul Truck | 0.1 | 0.1 | 0.1 | 0.1 |
| 54 | Motor Home | 0.001590074 | 0.001251068 | 0.001098592 | 0.000934507 |
| 61\* | Combination Short-haul Truck | 0 | 0 | 0 | 0 |
| 62\* | Combination Long-haul Truck | 0 | 0 | 0 | 0 |

\* Worst-case values were assumed for these inputs.

**Table 5** lists the source type and fuel type combinations that were modeled in all scenarios. All fuel type and source type combinations were chosen in the runspec files to account for all VMT. There were not any electric or E-85 vehicles modeled.

|  |  |
| --- | --- |
| **Table 5 – Fuel Types Listed For Source Types** | |
| Source Types | Fuel Type(s) |
| Motorcycle | Gasoline |
| Passenger Car | Diesel Fuel, Gasoline, Electricity, Gasoline |
| Passenger Truck | Diesel Fuel, Gasoline, Electricity, Gasoline |
| Light Commercial Truck | Diesel Fuel, Gasoline, Electricity, Gasoline |
| Refuse Truck | Diesel Fuel and Gasoline |
| Motor Home | Diesel Fuel and Gasoline |
| School Bus | Diesel Fuel and Gasoline |
| Transit Bus | Diesel Fuel, Gasoline, CNG |
| Intercity Bus | Diesel Fuel |
| Single Unit Short-haul Truck | Diesel Fuel and Gasoline |
| Single Unit Long-haul Truck | Diesel Fuel and Gasoline |
| Combination Short-haul Truck | Diesel Fuel and Gasoline |
| Combination Long-haul Truck | Diesel Fuel |

### Age Distribution

The 2020 national default age distribution was utilized and is consistent with the analysis year that was modeled.

### Mileage Accumulation Rates

No adjustments were made to weight the modeled fleet average emission factor for CO based on annual average mileage accumulation rates by model year. The MOVES model does this for automatically for regional modeling but not for project-level. Weighting is needed as mileage accumulation rates tend to decline with vehicle age (older vehicles are driven less, on average), and newer vehicles are automatically set to comply with more stringent emission standards. As a result, unweighted fleet average emission factors for CO tend to be higher than emission factors weighted based on mileage accumulation. Therefore, the use of unweighted factors for this analysis serves as another worst-case modeling assumption.

### Fuel Supply and Formulation

Fuel formulation parameters can significantly affect CO emission rates. The FHWA CF determined the effects of certain fuel parameters on CO emission rates. Fuel parameters that can affect CO emission rates include Reid vapor pressure (RVP), sulfur content, ethanol (ETOH), percent of fuel evaporated at 200° and 300° Fahrenheit (E200/E300), and distillation parameters T50 and T90. The FHWA CF found that fuel formulation ID 3812 yields higher CO emission rates than other relevant fuel formulations. As previously noted, for consistency, this study applied the same worst-case assumptions for certain inputs as the FHWA CF. Fuel formulation is one example where the inputs were made consistent. Table 6 lists the fuel formulation that was used in both the FHWA CFand this analysis.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Table 6 – Worst-Case Fuel formulation** | | | | | | | | |
| Fuel Type | Fuel Formulation ID | RVP | Sulfur Content (ppm) | ETOH Volume | e200 | e300 | T50 | T90 |
| Diesel | 20 | 0 | 11 | 0 | 0 | 0 | - | - |
| Gasoline | 3505 | 13.92 | 10 | 10 | 56.12 | 84.2 | 187.33 | 323.96 |
| CNG | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

### Link Average Speed and Operating Mode Distribution

When average speed is utilized in the ‘Links’ input file, entered through the MOVES’ PDM, MOVES creates an operating mode distribution based upon the default drive schedules located in the default database. This operating mode distribution was used to represent the freeways, arterials and intersection scenarios. The speeds used in the analysis for each facility type are shown in **Table 3**.

### Emissions Processes

The ‘Running Exhaust’ and ‘Crankcase Running Exhaust’ emissions process were utilized in the intersection, freeway, and arterial scenarios.

### Inspection and Maintenance Program

An inspection and maintenance (I/M) program produces CO emissions rate benefits. As a worst-case assumption, emission reduction benefits that would be obtained from I/M programs were not included in this analysis.

## Dispersion Modeling

The dispersion modeling was conducted following FHWA guidance on worst-case modeling as well as EPA’s 1992 Guidance for CO determinations. The modeling was conducted using CAL3QHC (version 04244)[[12]](#footnote-12), with the modeling inputs made consistent as noted above with the approach used by the FHWA CF (which was for intersections). As done for emissions modeling, the dispersion modeling used conservative and, in many cases, worst-case inputs and assumptions. The modeling approach is described in greater detail below for each facility type assessed in this document.

### Intersections, Freeways, and Arterials

Table 7 provides a summary of those input parameters that are EPA CO screening values for near roadway dispersion modeling. Other inputs, or those that vary by facility type, are given in bullet format.

|  |  |
| --- | --- |
| **Table 7 – Simple Modeling Defaults for CAL3QHC** | |
| Source Types | Fuel Type(s) |
| Wind Speed | 1.0 m/s |
| Wind Direction | Varying wind direction 0 to 350 degrees at 10-degree increments |
| Atmospheric Stability Class | Urban – stability Class D; Rural – Stability Class E |
| Mixing Height | 1000 meters |
| Receptor Heights | 1.8 meters |

* For urban modeling, a surface roughness (z0) of 108 cm (3.54 ft) was used, corresponding to a single-family residential setting. The single-family residential setting is the least rough setting for an urban environment and is conservative. The recommended surface roughness in urban areas can vary from 108 to 370 cm (3.54 to 12.1 ft). For rural areas, a surface roughness of 1.0 cm (0.03 ft) was used, which corresponds to a moderately short grass height (6-8 cm; 0.20-0.26 ft) as identified in the Kansas prairie grass[[13]](#footnote-13). Shorter grass heights are unlikely to be found most rural locations.
* Receptor Placement

Freeways and Arterials:

Receptors were modeled per the CAL3QHC and 1992 EPA Guidance and were located starting at 20 feet from the outside lane for freeways to account for off-road safety clearance. Receptors were located starting at 10 feet from roadway edge for arterials (where the general public has access and within the limitations of the model to predict valid concentrations).

Receptors were evaluated perpendicular to and at the center of the defined link to avoid end effects.

Receptors were placed on both sides of the roadway at increments of 10 feet for freeways and 25 feet for arterials, extending out to 295 feet from the roadway. These were modeled to establish decreasing CO concentrations with distance from the roadway edge.

Intersections:

Receptors were modeled per the CAL3QHC and 1992 EPA Guidance and began at 10 feet from roadway edge.

Receptors were placed in each quadrant consistent with the 1992 CO Guideline[[14]](#footnote-14) to ensure the worst-case concentrations were identified. The closest receptor was grid spacing started at the corner, 10 feet from each roadway and then at 25 feet and 50 feet from the roadway edge (along the adjacent roadway leg), and at the mid-block position.

Figure 5 shows a typical intersection receptor configuration with link geometry.

* Link Geometries and Traffic Activity Levels

Freeways and Arterials

Links 5,000 feet in length were evaluated to avoid end effects.

Freeway facilities were evaluated from 2 to 22 total lanes, in two lane increments. Arterials were evaluated from 2 to 12 total lanes, in two lane increments.

Median width was 3.3 feet for freeways and 0 feet for arterials

Lane width was 12 feet in all cases.

Traffic volumes were conservatively modeled as 2,400 vehicles-per-lane-per-hour for multi-lane freeways and 2,200 vehicles-per-lane-per-hour for multi-lane arterials. Two lane arterials and freeways were modeled at 1,700 vehicles-per-lane-per-hour.

Grades from ±0 to ±7 percent were modeled, with one leg uphill and one leg downhill.

Figure 6 shows a typical modeling scenario.

Intersections.

Approach and departure links extended 3,000 feet from the center of the intersection to ensure end effects at receptor locations are not encountered.

Links were input for the start and end locations per the guidance in the CAL3QHC User Manual. Figure 7 shows an example of the link placement for the six-lane intersection with 4 through lane and 2 left turn lanes per approach for a right-angle (90-degree skew) intersection.

Lane width was conservatively modeled as 11 feet in all cases.

In addition to the right-angle intersections, skew angles of 60°, 45°, 30°, and 15° angles were considered. Figure 8 shows this configuration for a 60-degree skew.

Queue lengths were determined by CAL3QHC internal algorithm.

Grades from ±0 to ±7 percent were modeled, with a side-of-a-hill configuration, where the northbound approach and the westbound approach are up hill.

Turn movement were 15% left turn and 5% right turn.

Signalization cycle length of 130 seconds with average green time length of 14 seconds for left turn and average green time length for right and through of 41 seconds

Traffic volume of 2,640 vehicles per hour on each approach

### Interchanges

Threshold PA CO concentration levels for the interchange configuration were analyzed using the MOVES and CALQHC models, with a combination of the grade separated intersection and freeway separated at various distances. A variable number of freeway lanes (even number of lanes ranging from 2 -12 lanes) were simulated. Likewise, various distances from the edge of the nearest freeway travel lane to the edge of the nearest travel lane of the interchange ramp (20, 30, 60, 80, 100, 125, 150, 175, 300, 500 and 1,000 feet) were simulated. The roadway link connecting the freeway to the intersection was modeled at skew angles of 90-, 60-, and 45-degree angles. Intersections were considered on either side of the freeway. Figure 8 shows the layout of the interchange for a 90-degree skew angle and with the intersection on the right side of the freeway. This modeling combines the impacts from the freeway and intersection modeling to determine the CO contribution for an interchange project for any given combination of the modeled number of freeway lanes and distances from the freeway to the interchange. That is, two separate modeling applications were conducted, and the results combined. Due to the skew angle, receptors for each cannot simply be added based on distance between the facility types. The results shown here represent a combination of the two facility types that considered receptor location, geometry (skew, left/right orientation, and distance between the facilities), road grade, setting (urban or rural) and wind directions in an R-based program that combined CAL3QHCR results with appropriate pairing and determined the overall peak concentrations from the combined facilities. Grade effects for the interchange were modeled for the non-freeway portion of the interchange from ±0 to ±7 percent grade. The total of the freeway contribution, intersection contribution, and background are to be directly compared to the CO NAAQS.

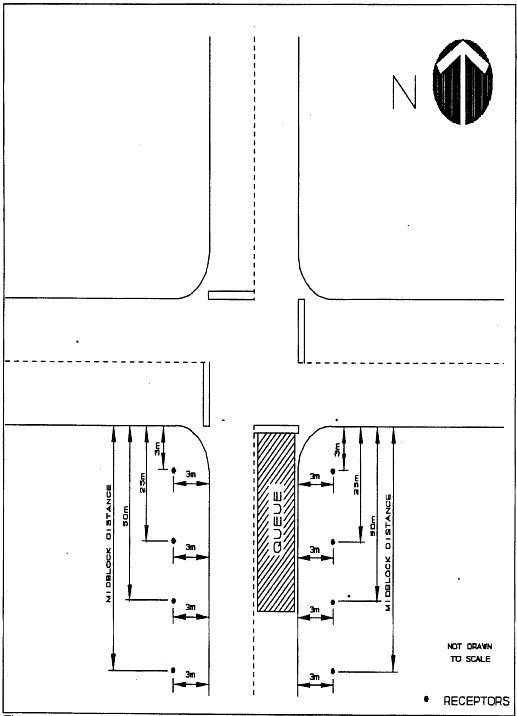
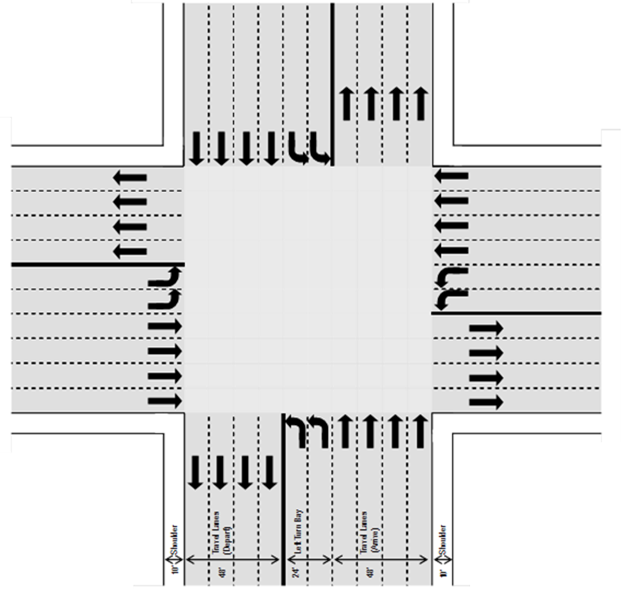


Figure 5 - Intersection configuration used for modeling with link placement



Figure 6 - Typical Modeling Layout for Freeways and Arterials



Note: Each oncoming direction has 4 approach and 2 left turn lanes as well as 4 departure lanes.

Figure 7 - Intersection Geometry Modeled

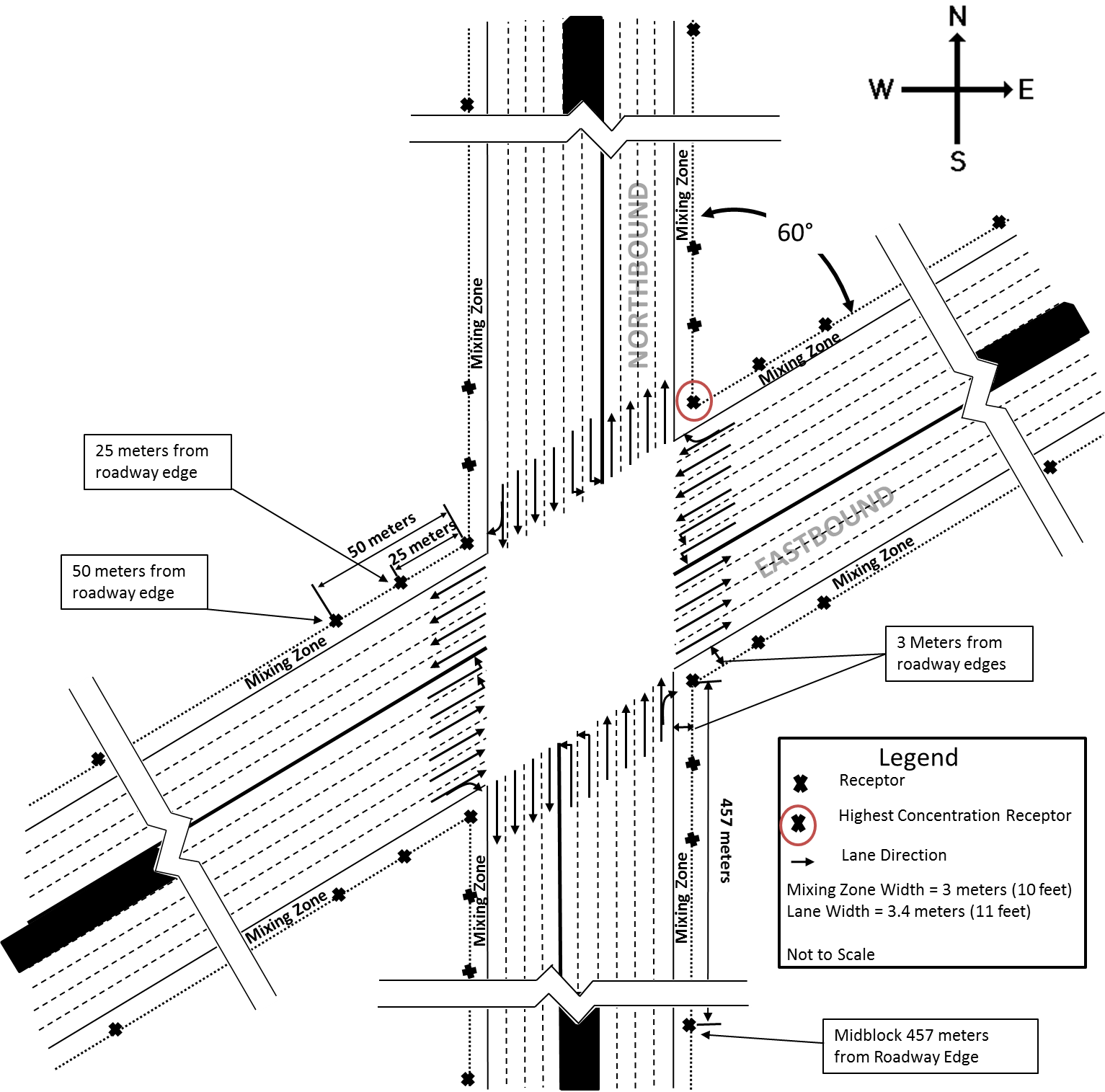


Figure 8 - Geometry Modeled for 60-degree Skew Intersection

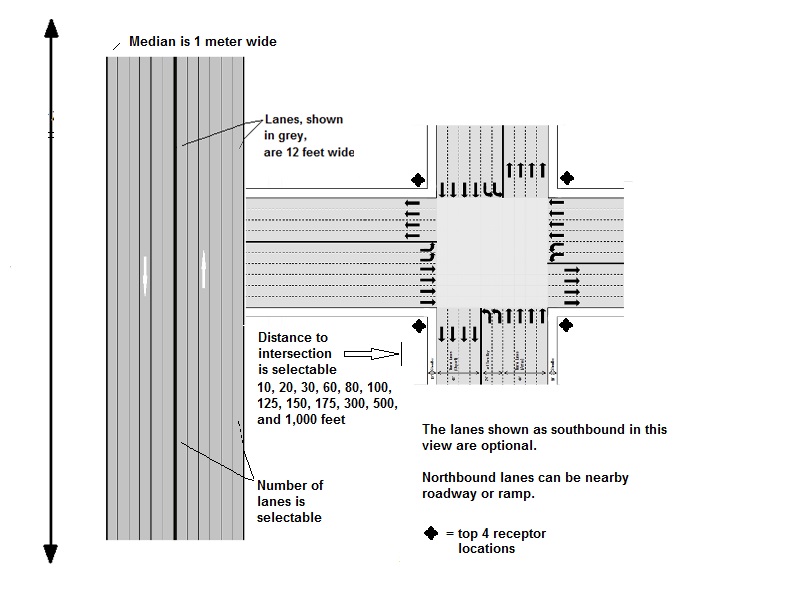


Figure 9 - Interchange Configuration with Nearby Freeway and Intersection/Ramp Layout

### Background Concentrations

THE BACKGROUND DISCUSSION CAN EITHER USE THE FIRST PARAGRAPH IF STATE CO MONITORING DATA IS USED TO DETERMINE BACKGROUND OR THE SECOND PARAGRAPH WHICH USED THE NATIONAL BACKGROUND.

FOR STATE BACKGROUND

Background concentrations were determined from data collected over the previous calendar year by STATE AIR AGENCY operated ambient CO monitors. The 2nd highest non-overlapping representative monitored CO concentrations from the most recent calendar year was used to arrive at a background concentration value to be used for project analysis. This method produced a 1-hour background concentration of 4.4 ppm and an 8-hour background concentration of 2.4 ppm.

*(Add state-specific text and tables as needed)*

FOR NATIONAL BACKGROUND

To develop a realistic nationwide CO background concentration estimate, observed data for 8-hour and 1-hour average CO concentrations were extracted from EPA’s AirData for each of the three most recent years (2014-2016). AirData is a database of air monitoring data. Datasets representing the 1-hour average, 8-hour average, and annual summary statistics from all reporting sites are available.[[15]](#footnote-15)

To determine a nationally representative background concentration, we chose a form consistent with the CO design value (the 2nd highest non-overlapping observed CO concentrations) and the form of the CO national ambient air quality standards (NAAQS) from each of the nation’s CO monitoring stations. We determined the range of reported DVs from all stations in AirData, excluding those in Mexico and Puerto Rico, from 2014-2016. Table shows the 90th, 95th, and 99th percentiles from the reported DVs from each station in the record meeting a 75% data completeness threshold. To accommodate the recent trend and be consistent with the form of the DV, Table shows the maximum from the three most recent years for each of those percentages.

Based on this review, it was determined that a reasonably conservative value, applicable to almost any location nationwide, is the highest 95th percentile CO concentration from the past three years (Table 8). Using this value, the representative 1-hour background concentration was determined to be 4.4 ppm and the representative 8-hour background concentration was determined to be 2.4 ppm.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Table 8 – Nationwide Network of CO Monitoring Stations Ranked Concentrations 2014-2016** | | | | |
| Percentile | 2011 | 2012 | 2013 | Highest |
| 2nd High Maximum 8-hour CO Concentrations (ppm) | | | | |
| 99th | 3.4 | 2.9 | 3.7 | 3.7 |
| 95th | 2.4 | 2.3 | 2.2 | 2.4 |
| 90th | 2.0 | 2.0 | 1.8 | 2.0 |
| 2nd High Maximum 1-hour CO Concentrations (ppm) | | | | |
| 99th | 6.5 | 5.7 | 7.2 | 7.2 |
| 95th | 4.3 | 4.4 | 4.2 | 4.4 |
| 90th | 3.2 | 3.1 | 2.9 | 3.2 |

Source: USEPA AIRData (2018)

FUTURE BACKGROUND

For future years mobile sources are expected to remain the primary source of CO emissions nationwide. EPA provides for the option to adjust for future CO concentrations as a result of emissions rate changes in the mobile source fleet, Continued fleet turnover at a national level to vehicles constructed to more stringent EPA emission standards may reasonably be expected to result in reduced emission rates in the future. However, to preserve the conservative, “worst-case” approach, no reductions in future emission rates and background levels were assumed for this study. Thus, the results presented in the following Section are representative of years 2020 and later.

### Persistence Factor

In order to compare results to the 8-hour CO standard, the total CO concentration for a given scenario is conservatively estimated by multiplying the 1-hour modeled project contribution CO concentration by the persistence factor and then adding the 8-hour CO background concentration:

The persistence factor accounts for variability in traffic (i.e., less traffic during off peak hours) and meteorological conditions (i.e., changes in wind speed, wind direction, and temperature) between the 1-hour time frame and the 8-hour time frame. The persistence factor is the ratio between the maximum 1-hour concentration and the resulting maximum 8-hour concentration in the 8-hour time frame containing the maximum 1-hour concentration. The persistence factor recommended by EPA for a local area is derived from the average of the highest 10 non-overlapping 8-hour CO concentrations over the previous three years.

Where representative monitoring data is not available, EPA recommends the use of a persistence factor of 0.7. For this study, the persistence factor was determined from an examination of data from the ambient CO monitors operated by the STATE AIR AGENCY. Analysis following EPA methodology of CO monitoring data for the latest three years yielded a persistence factor of <value>. OR based on EPA recommended factor of 0.7 as local representative CO monitoring data were unavailable.

Examination of state or local air quality monitoring data may yield persistence factors that are different than the national default value of 0.7. If a state or local specific persistence factor is developed, it would be multiplied by the maximum 1-hour concentration and added to the state or local specific 8-hour background concentration to determine compliance with the 8-hour CO NAAQS.

## Comparison with the CO NAAQS

Each scenario (facility type, configuration, and number of lanes, road grade and traffic volume) was modeled, and the results compared with the current 1- and 8-hour CO NAAQS to determine if the scenario met or exceeded the standards. The comparison began with project scenarios that yielded the highest modeled concentrations and were iterated downward to determine which scenario first passes. The results from the comparison are a set of tables which identify those projects which pass a specific scenario. These results are the basis for the highway project types and conditions identified in the programmatic agreement.

As the respective margin between background concentrations and the NAAQS are much higher for the 1-hour NAAQS than the 8-hour, the latter (8-hour) standard is controlling. As a result, projects are screened based on compliance with the 8-hour NAAQS.

To compare results to the 8-hour CO standard, the total CO concentration for a given scenario is derived by multiplying the 1-hour modeled CO concentration by the persistence factor and then adding the 8-hour CO background concentration, as follows.

# Results

Modeling results for the project types and conditions discussed above are presented here. Tables of results are presented in the Attachment to the TSD Section 6.1, below. In each case, scenarios that lead to project level exceedances with the modeling described in Section 4 are shown in red with the values crossed through.

## Freeway and Arterials

Based on the MOVES2014a and CAL3QHC (version 04244) inputs and assumptions described above, the maximum 1-hour CO concentrations for urban and rural arterials and freeways were calculated for varying lane, urban or rural setting, and grade combinations. Table shows the lane and grade combinations for arterials and freeways in urban and rural locations that do not produce emissions sufficient to result in an exceedance of the 8-hour CO standard[[16]](#footnote-16).

In all cases, the 8-hour CO standard is the limiting case. Thus, freeway and arterial projects with lane and grade conditions less than or equal to those shown as in compliance through Table 8 also do not require project-specific modeling to demonstrate compliance with the 1-hour CO ambient standard.

## Intersections

Table , shows the maximum 1-hour CO concentrations for six approach lane (2 left turn lanes and 4 through lanes), urban and rural intersections that, with the applied, conservative 8-hour national CO background level of 2.4 ppm and persistence factor of 0.7, do not produce modeled CO concentrations that could result in exceedances of the 8-hour CO NAAQS. That is, intersection projects of this size or smaller, and with grade and skew angle less than or equal to the prescribed, would not result in an exceedance of the CO NAAQS. These results assume the same background and persistence factors previously discussed.

Intersections with posted speeds under 15 mph and/or with five or more legs are not covered by the PA, although they may be added in a future update.

## Interchanges

Table 10 (a), (b), and (c), attached, show the one-hour CO concentrations for these interchange scenarios that, with the assumed 8-hour CO background level and persistence factor, do not produce modeled concentrations that would cause or contribute to an exceedance of the 8-hour CO ambient air standard (NAAQS) and therefore will not require project-specific CO modeling to demonstrate compliance with the ambient CO standards (NAAQS). Although intersections were considered on either side of the freeway, Table 10, only reports the higher of these. The same speed limitations for freeways and arterials from above also apply here.

The intersection geometry is the same as in the intersection case, with six lanes on each approach (4 approach, 2 left turn) and 4 departure lanes, with grades from 0 to 7 percent. This is a conservative approach for this type of project because freeway interchanges generally have a one- or two-lane ramp approaching or departing from the intersection. The freeway was modeled at a 0% grade. Both rural and urban locations were modeled.

The table columns represent varying distances from the edge of the nearest freeway travel lane to the edge of the nearest parallel roadway. For the 90-degree skew case, this is also the length of the interchange ramp. The table rows represent the setting (urban or rural), varying numbers of travel lanes on the freeway, and the skew angle of the interchange ramp.

Thus, a rural interchange with a 2-lane freeway and an adjacent intersection that is located not less than 20 feet from the nearest edge of the freeway lanes, connected with a 45 degree angled road segment, and has an intersection grade of 3 percent or less has a one-hour concentration listed of 8.1 ppm. Since a concentration is listed for this project configuration, it does not exceed the 8-hour CO standard and therefore does not require project-specific CO modeling to demonstrate compliance with the ambient CO standards.

# Project Documentation and Other Terms of Agreement

For the project types and conditions listed above, the project environmental documentation will not require a quantitative air quality analysis for CO., highway projects that meet the above-listed project conditions and types may address air quality requirements qualitatively with statements such as:

“The proposed project does not exceed the project types and conditions listed in the Programmatic Agreement between the Federal Highway Administration and the STATE Department of Transportation for streamlining the project-level air quality analysis process for carbon monoxide. Modeling using "worst-case" parameters has been conducted for these project types and conditions. It has been determined that projects, such as this one, for which the conditions are not exceeded, would not significantly impact air quality and would not cause or contribute to a new violation, increase the frequency or severity of an existing violation, or delay timely attainment of the National Ambient Air Quality Standards for carbon monoxide.”

Or

“An air quality analysis is not necessary as this project will not increase traffic volumes, reduce source-receptor distances, or change other existing conditions to such a degree as to jeopardize attainment of the National Ambient Air Quality Standards for carbon monoxide.”

The technical analysis to support the Programmatic Agreement between the STATE Division of FHWA and the STATE Department of Transportation only extends to the project types and conditions listed above. Projects of different types or project having substantially different conditions may require project-specific modeling to document compliance with the CO NAAQS.

The STATE Department of Transportation will coordinate with STATE Division of FHWA (and the STATE AIR QUALITY AGENCY) when underlying assumptions related to the Programmatic Agreement may change. This could include, but is not limited to:

* Project types and/or conditions not covered by the Programmatic Agreement;
* Updates to emission or dispersion models or release of new, relevant models;
* Updates to model inputs and/or planning assumptions

## Attachment to the Technical Support Document

| Table 8 – One-hour CO Concentrations (ppm) for Freeways and Arterialsa in Urban and Rural Locations of Varying Lane and Grade Configuration (not including background concentrations) | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Facility Type | Location | Number of Lanes | Grade (Percent) | | | | | | | |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Arterials | Rural | 2 | 3 | 3 | 3.3 | 3.4 | 3.7 | 4 | 4.4 | 4.8 |
| Arterials | Rural | 4 | 6.5 | 6.9 | 7.3 | 7.7 | 8.4 | 9 | ~~9.9~~ | ~~10.5~~ |
| Arterials | Rural | 6 | 8.7 | 9.3 | ~~9.9~~ | ~~10.5~~ | ~~11.4~~ | ~~12.3~~ | ~~13.4~~ | ~~14.6~~ |
| Arterials | Rural | 8 | ~~10.7~~ | ~~11.3~~ | ~~12.1~~ | ~~12.8~~ | ~~14~~ | ~~15.1~~ | ~~16.5~~ | ~~17.9~~ |
| Arterials | Rural | 10 | ~~12.3~~ | ~~13.1~~ | ~~14.1~~ | ~~15~~ | ~~16.2~~ | ~~17.6~~ | ~~19.2~~ | ~~20.8~~ |
| Arterials | Rural | 12 | ~~13.6~~ | ~~14.6~~ | ~~15.8~~ | ~~16.7~~ | ~~18.2~~ | ~~19.7~~ | ~~21.6~~ | ~~23.4~~ |
| Arterials | Urban | 2 | 1.8 | 1.9 | 2.1 | 2.1 | 2.3 | 2.4 | 2.7 | 2.8 |
| Arterials | Urban | 4 | 4 | 4.3 | 4.6 | 4.9 | 5.2 | 5.7 | 6.2 | 6.7 |
| Arterials | Urban | 6 | 5.5 | 5.7 | 6.2 | 6.7 | 7.2 | 7.7 | 8.5 | 9.2 |
| Arterials | Urban | 8 | 6.6 | 7.1 | 7.6 | 8.1 | 8.8 | ~~9.6~~ | ~~10.5~~ | ~~11.4~~ |
| Arterials | Urban | 10 | 7.5 | 8.2 | 8.8 | 9.4 | ~~10.3~~ | ~~11.1~~ | ~~12.3~~ | ~~13.3~~ |
| Arterials | Urban | 12 | 8.4 | 9.1 | ~~9.8~~ | ~~10.5~~ | ~~11.5~~ | ~~12.5~~ | ~~13.8~~ | ~~15~~ |
| Freeways | Rural | 2 | 1.4 | 1.7 | 1.9 | 2.1 | 2.4 | 2.8 | 3 | 3.2 |
| Freeways | Rural | 4 | 3.7 | 4.2 | 5 | 5.7 | 6.6 | 7.5 | 8.2 | 8.6 |
| Freeways | Rural | 6 | 5.3 | 6.1 | 7.1 | 8.2 | ~~9.5~~ | ~~10.8~~ | ~~11.8~~ | ~~12.4~~ |
| Freeways | Rural | 8 | 6.6 | 7.6 | 9.2 | ~~10.6~~ | ~~12.2~~ | ~~13.9~~ | ~~15.2~~ | ~~16.1~~ |
| Freeways | Rural | 10 | 7.8 | 9.1 | ~~10.9~~ | ~~12.6~~ | ~~14.7~~ | ~~16.7~~ | ~~18.3~~ | ~~19.3~~ |
| Freeways | Rural | 12 | 8.9 | ~~10.4~~ | ~~12.5~~ | ~~14.6~~ | ~~16.9~~ | ~~19.3~~ | ~~21.1~~ | ~~22.4~~ |
| Freeways | Rural | 14 | ~~9.8~~ | ~~11.5~~ | ~~13.9~~ | ~~16.3~~ | ~~18.9~~ | ~~21.6~~ | ~~23.7~~ | ~~25~~ |
| Freeways | Rural | 16 | ~~10.7~~ | ~~12.6~~ | ~~15.2~~ | ~~17.8~~ | ~~20.7~~ | ~~23.6~~ | ~~25.9~~ | ~~27.4~~ |
| Freeways | Rural | 18 | ~~11.3~~ | ~~13.6~~ | ~~16.4~~ | ~~19.1~~ | ~~22.3~~ | ~~25.6~~ | ~~28~~ | ~~29.6~~ |
| Freeways | Rural | 20 | ~~12~~ | ~~14.3~~ | ~~17.5~~ | ~~20.4~~ | ~~23.7~~ | ~~27.2~~ | ~~29.8~~ | ~~31.6~~ |
| Freeways | Rural | 22 | ~~12.5~~ | ~~15.1~~ | ~~18.4~~ | ~~21.5~~ | ~~25.1~~ | ~~28.7~~ | ~~31.6~~ | ~~33.5~~ |
| Freeways | Urban | 2 | 0.9 | 1 | 1.1 | 1.3 | 1.5 | 1.7 | 1.9 | 1.9 |
| Freeways | Urban | 4 | 2.3 | 2.6 | 3.1 | 3.6 | 4.1 | 4.7 | 5.2 | 5.5 |
| Freeways | Urban | 6 | 3.2 | 3.7 | 4.5 | 5.2 | 6 | 6.9 | 7.6 | 8 |
| Freeways | Urban | 8 | 4 | 4.8 | 5.8 | 6.7 | 7.8 | 8.9 | ~~9.7~~ | ~~10.4~~ |
| Freeways | Urban | 10 | 4.8 | 5.7 | 6.8 | 8 | 9.3 | ~~10.7~~ | ~~11.8~~ | ~~12.4~~ |
| Freeways | Urban | 12 | 5.4 | 6.5 | 7.8 | 9.2 | ~~10.7~~ | ~~12.3~~ | ~~13.5~~ | ~~14.3~~ |
| Freeways | Urban | 14 | 5.9 | 7.2 | 8.8 | ~~10.3~~ | ~~11.9~~ | ~~13.8~~ | ~~15.1~~ | ~~16~~ |
| Freeways | Urban | 16 | 6.4 | 7.8 | ~~9.5~~ | ~~11.2~~ | ~~13.1~~ | ~~15~~ | ~~16.5~~ | ~~17.5~~ |
| Freeways | Urban | 18 | 6.9 | 8.4 | ~~10.3~~ | ~~12.1~~ | ~~14.1~~ | ~~16.2~~ | ~~17.8~~ | ~~18.9~~ |
| Freeways | Urban | 20 | 7.2 | 8.9 | ~~10.9~~ | ~~12.9~~ | ~~15~~ | ~~17.2~~ | ~~19~~ | ~~20.1~~ |
| Freeways | Urban | 22 | 7.5 | 9.3 | ~~11.5~~ | ~~13.5~~ | ~~15.8~~ | ~~18.2~~ | ~~20~~ | ~~21.2~~ |

Notes: Red strikethrough values indicated exceedances of the standard.

a These findings apply to scenarios with average speed ranging from 15 to 56 mph for arterials and 19 to 75 mph for freeways, for which posted speeds in this range may be applied as a reasonable proxy.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Table 9 – One-Hour CO Concentrations (not including background concentrations) for Rural and Urban Intersectionsb at Varying Skew Angles and Intersection Grades for a Six Approach Lane Intersection | | | | | | | | | |
| Location | Skew Angle | Grade (Percent) | | | | | | | |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Rural | 15 | 8.6 | 9.1 | ~~9.8~~ | ~~10.2~~ | ~~11.1~~ | ~~11.9~~ | ~~13~~ | ~~13.9~~ |
| Rural | 30 | 6.3 | 6.7 | 7.1 | 7.5 | 8.2 | 8.8 | 9.4 | ~~10.1~~ |
| Rural | 45 | 6.2 | 6.4 | 6.9 | 7.2 | 7.8 | 8.4 | 9 | ~~9.9~~ |
| Rural | 60 | 5.6 | 5.9 | 6.2 | 6.5 | 7 | 7.5 | 8 | 8.7 |
| Rural | 90 | 5.4 | 5.6 | 6 | 6.3 | 6.8 | 7.3 | 7.8 | 8.4 |
| Urban | 15 | 4.7 | 4.9 | 5.3 | 5.6 | 6.1 | 6.7 | 7.1 | 7.7 |
| Urban | 30 | 4.5 | 4.8 | 5 | 5.5 | 6.1 | 6.4 | 6.7 | 7.2 |
| Urban | 45 | 4.1 | 4.4 | 4.6 | 4.8 | 5.2 | 5.7 | 6.2 | 6.5 |
| Urban | 60 | 3.8 | 4.1 | 4.3 | 4.5 | 5 | 5.3 | 5.9 | 6.3 |
| Urban | 90 | 3.6 | 3.9 | 4.1 | 4.3 | 4.5 | 5 | 5.4 | 5.9 |

Notes: Red strikethrough values indicated exceedances of the standard.

b These findings apply to scenarios with average speed ranging from 15 to 45 mph for intersections, for which posted speeds in this range may be applied as a reasonable proxy

| Table 10(a) – One-hour CO Concentrations at Varying Intersection-Freeway Distances, Intersection Grade, and Lane Configurations for 45o Skew Angle (not including background concentrations)c | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Location | Number of Lanes | Intersection Grade (Percent) | Distance between Freeway and Intersection (ft) | | | | | | | | | | |
| 20 | 30 | 60 | 80 | 100 | 125 | 150 | 175 | 300 | 500 | 1000 |
| Rural | 2 | 0% | 6.9 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.2 |
| Rural | 2 | 1% | 7.3 | 6.7 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 6.5 |
| Rural | 2 | 2% | 7.7 | 7.3 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| Rural | 2 | 3% | 8.1 | 7.6 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 |
| Rural | 2 | 4% | 8.5 | 8.1 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 7.9 |
| Rural | 2 | 5% | 8.9 | 8.8 | 8.6 | 8.6 | 8.6 | 8.6 | 8.6 | 8.6 | 8.6 | 8.6 | 8.6 |
| Rural | 2 | 6% | ~~9.7~~ | 9.4 | 9.2 | 9.2 | 9.2 | 9.2 | 9.2 | 9.2 | 9.2 | 9.2 | 9.2 |
| Rural | 2 | 7% | ~~10.3~~ | ~~10.3~~ | ~~10.1~~ | ~~10.1~~ | ~~10.1~~ | ~~10.1~~ | ~~10.1~~ | ~~10.1~~ | ~~10.1~~ | ~~10.1~~ | ~~10.1~~ |
| Rural | 4 | 0% | 9.4 | 7.9 | 7.1 | 7 | 6.9 | 6.8 | 6.8 | 6.8 | 6.6 | 6.6 | 6.4 |
| Rural | 4 | 1% | ~~9.8~~ | 8.3 | 7.3 | 7.2 | 7.1 | 7 | 7 | 7 | 6.9 | 6.8 | 6.7 |
| Rural | 4 | 2% | ~~10.2~~ | 8.7 | 7.7 | 7.7 | 7.7 | 7.6 | 7.5 | 7.5 | 7.5 | 7.3 | 7.3 |
| Rural | 4 | 3% | ~~10.6~~ | 9.1 | 8 | 8 | 8 | 7.9 | 7.8 | 7.8 | 7.8 | 7.6 | 7.6 |
| Rural | 4 | 4% | ~~11~~ | ~~9.5~~ | 8.5 | 8.5 | 8.5 | 8.4 | 8.4 | 8.4 | 8.3 | 8.2 | 8.1 |
| Rural | 4 | 5% | ~~11.4~~ | ~~9.9~~ | 9.2 | 9.2 | 9.2 | 9.1 | 9 | 9 | 9 | 8.8 | 8.8 |
| Rural | 4 | 6% | ~~12.2~~ | ~~10.7~~ | ~~9.8~~ | ~~9.8~~ | ~~9.8~~ | ~~9.7~~ | ~~9.6~~ | ~~9.6~~ | ~~9.6~~ | 9.4 | 9.4 |
| Rural | 4 | 7% | ~~12.7~~ | ~~11.2~~ | ~~10.7~~ | ~~10.7~~ | ~~10.7~~ | ~~10.6~~ | ~~10.5~~ | ~~10.5~~ | ~~10.5~~ | ~~10.3~~ | ~~10.3~~ |
| Rural | 6 | 0% | ~~10.5~~ | 8.7 | 7.7 | 7.6 | 7.5 | 7.3 | 7.2 | 7.2 | 6.9 | 6.8 | 6.6 |
| Rural | 6 | 1% | ~~10.9~~ | 9.1 | 7.9 | 7.8 | 7.7 | 7.5 | 7.4 | 7.4 | 7.1 | 7 | 6.8 |
| Rural | 6 | 2% | ~~11.3~~ | ~~9.5~~ | 8.3 | 8.2 | 8.1 | 7.9 | 7.9 | 7.9 | 7.7 | 7.5 | 7.3 |
| Rural | 6 | 3% | ~~11.7~~ | ~~9.9~~ | 8.6 | 8.5 | 8.4 | 8.2 | 8.2 | 8.2 | 8 | 7.8 | 7.6 |
| Rural | 6 | 4% | ~~12.1~~ | ~~10.3~~ | 9.1 | 9 | 8.9 | 8.8 | 8.8 | 8.8 | 8.5 | 8.4 | 8.2 |
| Rural | 6 | 5% | ~~12.5~~ | ~~10.7~~ | ~~9.7~~ | ~~9.5~~ | ~~9.5~~ | 9.4 | 9.4 | 9.4 | 9.2 | 9 | 8.8 |
| Rural | 6 | 6% | ~~13.3~~ | ~~11.5~~ | ~~10.3~~ | ~~10.1~~ | ~~10.1~~ | ~~10~~ | ~~10~~ | ~~10~~ | ~~9.8~~ | ~~9.6~~ | 9.4 |
| Rural | 6 | 7% | ~~13.8~~ | ~~12~~ | ~~11.2~~ | ~~11~~ | ~~11~~ | ~~10.9~~ | ~~10.9~~ | ~~10.9~~ | ~~10.7~~ | ~~10.5~~ | ~~10.3~~ |
| Rural | 8 | 0% | ~~11.4~~ | 9.4 | 8.3 | 8.1 | 8 | 7.8 | 7.6 | 7.4 | 7.3 | 7 | 6.8 |
| Rural | 8 | 1% | ~~11.8~~ | ~~9.8~~ | 8.5 | 8.3 | 8.2 | 8 | 7.8 | 7.6 | 7.5 | 7.2 | 7 |
| Rural | 8 | 2% | ~~12.2~~ | ~~10.2~~ | 8.9 | 8.7 | 8.6 | 8.4 | 8.2 | 8.1 | 8 | 7.8 | 7.5 |
| Rural | 8 | 3% | ~~12.6~~ | ~~10.6~~ | 9.2 | 9 | 8.9 | 8.7 | 8.5 | 8.4 | 8.3 | 8.1 | 7.8 |
| Rural | 8 | 4% | ~~13~~ | ~~11~~ | ~~9.7~~ | ~~9.5~~ | 9.4 | 9.2 | 9 | 9 | 8.9 | 8.6 | 8.4 |
| Rural | 8 | 5% | ~~13.4~~ | ~~11.4~~ | ~~10.2~~ | ~~10~~ | ~~9.9~~ | ~~9.7~~ | ~~9.7~~ | ~~9.6~~ | ~~9.5~~ | 9.3 | 9 |
| Rural | 8 | 6% | ~~14.2~~ | ~~12.2~~ | ~~10.8~~ | ~~10.6~~ | ~~10.5~~ | ~~10.3~~ | ~~10.3~~ | ~~10.2~~ | ~~10.1~~ | ~~9.9~~ | ~~9.6~~ |
| Rural | 8 | 7% | ~~14.7~~ | ~~12.7~~ | ~~11.6~~ | ~~11.5~~ | ~~11.4~~ | ~~11.2~~ | ~~11.2~~ | ~~11.1~~ | ~~11~~ | ~~10.8~~ | ~~10.5~~ |
| Rural | 10 | 0% | ~~12~~ | ~~9.9~~ | 8.8 | 8.6 | 8.4 | 8.1 | 7.9 | 7.7 | 7.4 | 7.2 | 7 |
| Rural | 10 | 1% | ~~12.4~~ | ~~10.3~~ | 9 | 8.8 | 8.6 | 8.3 | 8.1 | 7.9 | 7.7 | 7.4 | 7.2 |
| Rural | 10 | 2% | ~~12.8~~ | ~~10.7~~ | 9.4 | 9.2 | 9 | 8.7 | 8.6 | 8.4 | 8.3 | 7.9 | 7.7 |
| Rural | 10 | 3% | ~~13.2~~ | ~~11.1~~ | ~~9.7~~ | ~~9.5~~ | 9.3 | 9 | 8.9 | 8.7 | 8.6 | 8.2 | 8 |
| Rural | 10 | 4% | ~~13.6~~ | ~~11.5~~ | ~~10.2~~ | ~~10~~ | ~~9.8~~ | ~~9.5~~ | 9.4 | 9.2 | 9.1 | 8.8 | 8.6 |
| Rural | 10 | 5% | ~~14~~ | ~~11.9~~ | ~~10.7~~ | ~~10.5~~ | ~~10.3~~ | ~~10.2~~ | ~~10.1~~ | ~~9.9~~ | ~~9.8~~ | 9.4 | 9.2 |
| Rural | 10 | 6% | ~~14.8~~ | ~~12.7~~ | ~~11.3~~ | ~~11.1~~ | ~~10.9~~ | ~~10.8~~ | ~~10.7~~ | ~~10.5~~ | ~~10.4~~ | ~~10~~ | ~~9.8~~ |
| Rural | 10 | 7% | ~~15.3~~ | ~~13.2~~ | ~~12~~ | ~~11.8~~ | ~~11.8~~ | ~~11.7~~ | ~~11.6~~ | ~~11.4~~ | ~~11.3~~ | ~~10.9~~ | ~~10.7~~ |
| Rural | 12 | 0% | ~~12.6~~ | ~~11~~ | 9.3 | 9.1 | 8.8 | 8.5 | 8.2 | 8 | 7.6 | 7.5 | 7.1 |
| Rural | 12 | 1% | ~~13~~ | ~~11.1~~ | ~~9.5~~ | 9.3 | 9 | 8.7 | 8.4 | 8.3 | 7.9 | 7.7 | 7.3 |
| Rural | 12 | 2% | ~~13.4~~ | ~~11.1~~ | ~~9.9~~ | ~~9.7~~ | 9.4 | 9.1 | 8.9 | 8.9 | 8.5 | 8.2 | 7.9 |
| Rural | 12 | 3% | ~~13.8~~ | ~~11.4~~ | ~~10.2~~ | ~~10~~ | ~~9.7~~ | 9.4 | 9.2 | 9.2 | 8.8 | 8.5 | 8.2 |
| Rural | 12 | 4% | ~~14.2~~ | ~~11.8~~ | ~~10.7~~ | ~~10.5~~ | ~~10.2~~ | ~~9.9~~ | ~~9.7~~ | ~~9.7~~ | 9.3 | 9.1 | 8.7 |
| Rural | 12 | 5% | ~~14.6~~ | ~~12.2~~ | ~~11.2~~ | ~~11~~ | ~~10.7~~ | ~~10.5~~ | ~~10.4~~ | ~~10.4~~ | ~~10~~ | ~~9.7~~ | 9.4 |
| Rural | 12 | 6% | ~~15.4~~ | ~~13~~ | ~~11.8~~ | ~~11.6~~ | ~~11.3~~ | ~~11.1~~ | ~~11~~ | ~~11~~ | ~~10.6~~ | ~~10.3~~ | ~~10~~ |
| Rural | 12 | 7% | ~~15.9~~ | ~~13.5~~ | ~~12.5~~ | ~~12.3~~ | ~~12.2~~ | ~~12~~ | ~~11.9~~ | ~~11.9~~ | ~~11.5~~ | ~~11.2~~ | ~~10.9~~ |
| Urban | 2 | 0% | 4.6 | 4.4 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.2 | 4.1 | 4.1 |
| Urban | 2 | 1% | 4.8 | 4.6 | 4.6 | 4.6 | 4.6 | 4.6 | 4.6 | 4.6 | 4.6 | 4.4 | 4.4 |
| Urban | 2 | 2% | 5.1 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.6 | 4.6 |
| Urban | 2 | 3% | 5.3 | 5.1 | 5 | 5 | 5 | 5 | 5 | 5 | 4.9 | 4.8 | 4.8 |
| Urban | 2 | 4% | 5.7 | 5.5 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.3 | 5.2 | 5.2 |
| Urban | 2 | 5% | 6.2 | 6 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 | 5.8 | 5.7 | 5.7 |
| Urban | 2 | 6% | 6.7 | 6.5 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.3 | 6.2 | 6.2 |
| Urban | 2 | 7% | 7 | 6.8 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.5 | 6.5 |
| Urban | 4 | 0% | 5.9 | 5.2 | 4.7 | 4.7 | 4.6 | 4.6 | 4.5 | 4.5 | 4.4 | 4.3 | 4.2 |
| Urban | 4 | 1% | 6.2 | 5.5 | 5 | 5 | 5 | 5 | 4.9 | 4.8 | 4.8 | 4.6 | 4.6 |
| Urban | 4 | 2% | 6.5 | 5.8 | 5.2 | 5.2 | 5.2 | 5.2 | 5.1 | 5 | 5 | 4.8 | 4.8 |
| Urban | 4 | 3% | 6.7 | 6 | 5.4 | 5.4 | 5.3 | 5.3 | 5.2 | 5.2 | 5.1 | 5 | 4.9 |
| Urban | 4 | 4% | 6.9 | 6.2 | 5.8 | 5.8 | 5.7 | 5.7 | 5.6 | 5.6 | 5.5 | 5.4 | 5.3 |
| Urban | 4 | 5% | 7.3 | 6.6 | 6.3 | 6.3 | 6.2 | 6.2 | 6.1 | 6.1 | 6 | 5.9 | 5.8 |
| Urban | 4 | 6% | 7.8 | 7.1 | 6.8 | 6.8 | 6.7 | 6.7 | 6.6 | 6.6 | 6.5 | 6.4 | 6.3 |
| Urban | 4 | 7% | 8.2 | 7.5 | 7.1 | 7.1 | 7.1 | 7.1 | 7 | 6.9 | 6.9 | 6.7 | 6.7 |
| Urban | 6 | 0% | 6.8 | 5.9 | 5 | 5 | 4.9 | 4.8 | 4.8 | 4.7 | 4.6 | 4.4 | 4.2 |
| Urban | 6 | 1% | 7.1 | 6.2 | 5.3 | 5.3 | 5.2 | 5.2 | 5.2 | 5.1 | 5 | 4.8 | 4.6 |
| Urban | 6 | 2% | 7.4 | 6.5 | 5.5 | 5.5 | 5.4 | 5.4 | 5.4 | 5.3 | 5.2 | 5 | 4.8 |
| Urban | 6 | 3% | 7.6 | 6.7 | 5.7 | 5.7 | 5.6 | 5.5 | 5.5 | 5.5 | 5.3 | 5.1 | 4.9 |
| Urban | 6 | 4% | 7.8 | 6.9 | 6.1 | 6.1 | 6 | 5.9 | 5.9 | 5.8 | 5.7 | 5.5 | 5.3 |
| Urban | 6 | 5% | 8.2 | 7.3 | 6.6 | 6.6 | 6.5 | 6.4 | 6.4 | 6.3 | 6.2 | 6 | 5.8 |
| Urban | 6 | 6% | 8.7 | 7.8 | 7.1 | 7.1 | 7 | 6.9 | 6.9 | 6.8 | 6.7 | 6.5 | 6.3 |
| Urban | 6 | 7% | 9.1 | 8.2 | 7.4 | 7.4 | 7.3 | 7.3 | 7.3 | 7.2 | 7.1 | 6.9 | 6.7 |
| Urban | 8 | 0% | 7.4 | 6.4 | 5.3 | 5.3 | 5.2 | 5.1 | 5 | 5 | 4.8 | 4.6 | 4.4 |
| Urban | 8 | 1% | 7.7 | 6.7 | 5.7 | 5.7 | 5.5 | 5.5 | 5.4 | 5.4 | 5.2 | 5 | 4.8 |
| Urban | 8 | 2% | 8 | 7 | 5.9 | 5.9 | 5.7 | 5.7 | 5.6 | 5.6 | 5.4 | 5.2 | 5 |
| Urban | 8 | 3% | 8.2 | 7.2 | 6 | 6 | 5.9 | 5.8 | 5.8 | 5.7 | 5.5 | 5.3 | 5.1 |
| Urban | 8 | 4% | 8.4 | 7.4 | 6.4 | 6.4 | 6.3 | 6.2 | 6.1 | 6.1 | 5.9 | 5.7 | 5.5 |
| Urban | 8 | 5% | 8.8 | 7.8 | 6.9 | 6.9 | 6.8 | 6.7 | 6.6 | 6.6 | 6.4 | 6.2 | 6 |
| Urban | 8 | 6% | 9.3 | 8.3 | 7.4 | 7.4 | 7.3 | 7.2 | 7.1 | 7.1 | 6.9 | 6.7 | 6.5 |
| Urban | 8 | 7% | ~~9.7~~ | 8.7 | 7.8 | 7.8 | 7.6 | 7.6 | 7.5 | 7.5 | 7.3 | 7.1 | 6.9 |
| Urban | 10 | 0% | 7.9 | 7.2 | 5.6 | 5.5 | 5.5 | 5.3 | 5.3 | 5.2 | 5 | 4.7 | 4.4 |
| Urban | 10 | 1% | 8.2 | 7.4 | 6 | 5.9 | 5.9 | 5.7 | 5.7 | 5.6 | 5.4 | 5.1 | 4.8 |
| Urban | 10 | 2% | 8.5 | 7.5 | 6.2 | 6.1 | 6.1 | 5.9 | 5.9 | 5.8 | 5.6 | 5.3 | 5 |
| Urban | 10 | 3% | 8.7 | 7.7 | 6.4 | 6.3 | 6.2 | 6.1 | 6 | 6 | 5.7 | 5.4 | 5.1 |
| Urban | 10 | 4% | 8.9 | 7.9 | 6.7 | 6.6 | 6.6 | 6.4 | 6.4 | 6.3 | 6.1 | 5.8 | 5.5 |
| Urban | 10 | 5% | 9.3 | 8.2 | 7.2 | 7.1 | 7.1 | 6.9 | 6.9 | 6.8 | 6.6 | 6.3 | 6 |
| Urban | 10 | 6% | ~~9.8~~ | 8.7 | 7.7 | 7.6 | 7.6 | 7.4 | 7.4 | 7.3 | 7.1 | 6.8 | 6.5 |
| Urban | 10 | 7% | ~~10.2~~ | 9.1 | 8.1 | 8 | 8 | 7.8 | 7.8 | 7.7 | 7.5 | 7.2 | 6.9 |
| Urban | 12 | 0% | 8.6 | 7.8 | 6 | 5.8 | 5.7 | 5.6 | 5.5 | 5.5 | 5.1 | 4.9 | 4.4 |
| Urban | 12 | 1% | 8.8 | 8 | 6.4 | 6.2 | 6.1 | 6 | 5.9 | 5.9 | 5.5 | 5.3 | 4.8 |
| Urban | 12 | 2% | 9 | 8.1 | 6.6 | 6.4 | 6.3 | 6.2 | 6.1 | 6.1 | 5.7 | 5.5 | 5 |
| Urban | 12 | 3% | 9.2 | 8.3 | 6.7 | 6.6 | 6.5 | 6.4 | 6.3 | 6.2 | 5.8 | 5.6 | 5.1 |
| Urban | 12 | 4% | 9.4 | 8.5 | 7.1 | 6.9 | 6.8 | 6.7 | 6.6 | 6.6 | 6.2 | 6 | 5.5 |
| Urban | 12 | 5% | ~~9.8~~ | 8.8 | 7.6 | 7.4 | 7.3 | 7.2 | 7.1 | 7.1 | 6.7 | 6.5 | 6 |
| Urban | 12 | 6% | ~~10.3~~ | 9.2 | 8.1 | 7.9 | 7.8 | 7.7 | 7.6 | 7.6 | 7.2 | 7 | 6.5 |
| Urban | 12 | 7% | ~~10.7~~ | ~~9.6~~ | 8.5 | 8.3 | 8.2 | 8.1 | 8 | 8 | 7.6 | 7.4 | 6.9 |

Notes: Red strikethrough values indicated exceedances of the standard

c. These findings apply to scenarios with the intersection average speed ranging from 15 to 45 mph and the freeway average speed ranging from 19 to 75 mph, for which posted speeds in these ranges may be applied as reasonable proxies

| Table 10(b) – One-hour CO Concentrations at Varying Intersection-Freeway Distances, Intersection Grade, and Lane Configurations for 60o Skew Angle (not including background concentrations)d | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Location | Number of Lanes | Intersection Grade (Percent) | Distance between Freeway and Intersection (ft) | | | | | | | | | | |
| 20 | 30 | 60 | 80 | 100 | 125 | 150 | 175 | 300 | 500 | 1000 |
| Rural | 2 | 0% | 6.7 | 6.2 | 6 | 6 | 6 | 6 | 6 | 5.9 | 5.8 | 5.6 | 5.6 |
| Rural | 2 | 1% | 7 | 6.5 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.2 | 6.1 | 5.9 | 5.9 |
| Rural | 2 | 2% | 7.4 | 6.8 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 6.5 | 6.4 | 6.2 | 6.2 |
| Rural | 2 | 3% | 7.8 | 7.1 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.8 | 6.7 | 6.5 | 6.5 |
| Rural | 2 | 4% | 8.2 | 7.6 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.3 | 7.2 | 7 | 7 |
| Rural | 2 | 5% | 8.8 | 8.1 | 7.9 | 7.9 | 7.9 | 7.9 | 7.9 | 7.8 | 7.7 | 7.5 | 7.5 |
| Rural | 2 | 6% | 9.4 | 8.7 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.3 | 8.2 | 8 | 8 |
| Rural | 2 | 7% | ~~9.9~~ | 9.3 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | 9 | 8.9 | 8.7 | 8.7 |
| Rural | 4 | 0% | 9.1 | 7.6 | 6.9 | 6.8 | 6.7 | 6.6 | 6.5 | 6.4 | 6 | 5.8 | 5.6 |
| Rural | 4 | 1% | 9.4 | 7.9 | 7.2 | 7.1 | 7 | 6.9 | 6.8 | 6.7 | 6.3 | 6.1 | 5.9 |
| Rural | 4 | 2% | ~~9.8~~ | 8.3 | 7.5 | 7.4 | 7.3 | 7.2 | 7.1 | 7 | 6.6 | 6.4 | 6.2 |
| Rural | 4 | 3% | ~~10.2~~ | 8.7 | 7.8 | 7.7 | 7.6 | 7.5 | 7.4 | 7.3 | 6.9 | 6.7 | 6.5 |
| Rural | 4 | 4% | ~~10.6~~ | 9.1 | 8.3 | 8.2 | 8.1 | 8 | 7.9 | 7.8 | 7.4 | 7.2 | 7 |
| Rural | 4 | 5% | ~~11.2~~ | ~~9.7~~ | 8.8 | 8.7 | 8.6 | 8.5 | 8.4 | 8.3 | 7.9 | 7.7 | 7.5 |
| Rural | 4 | 6% | ~~11.8~~ | ~~10.3~~ | 9.3 | 9.2 | 9.1 | 9 | 8.9 | 8.8 | 8.4 | 8.2 | 8 |
| Rural | 4 | 7% | ~~12.3~~ | ~~10.8~~ | ~~10~~ | ~~9.9~~ | ~~9.8~~ | ~~9.7~~ | ~~9.6~~ | ~~9.5~~ | 9.1 | 8.9 | 8.7 |
| Rural | 6 | 0% | ~~10.3~~ | 8.5 | 7.5 | 7.4 | 7.3 | 7.1 | 6.9 | 6.7 | 6.3 | 6 | 5.8 |
| Rural | 6 | 1% | ~~10.6~~ | 8.8 | 7.8 | 7.7 | 7.6 | 7.4 | 7.2 | 7 | 6.6 | 6.3 | 6.1 |
| Rural | 6 | 2% | ~~11~~ | 9.2 | 8.1 | 8 | 7.9 | 7.7 | 7.5 | 7.3 | 6.9 | 6.6 | 6.4 |
| Rural | 6 | 3% | ~~11.4~~ | ~~9.6~~ | 8.4 | 8.3 | 8.2 | 8 | 7.8 | 7.6 | 7.2 | 6.9 | 6.7 |
| Rural | 6 | 4% | ~~11.8~~ | ~~10~~ | 8.9 | 8.8 | 8.7 | 8.5 | 8.3 | 8.1 | 7.7 | 7.4 | 7.2 |
| Rural | 6 | 5% | ~~12.4~~ | ~~10.6~~ | 9.4 | 9.3 | 9.2 | 9 | 8.8 | 8.6 | 8.2 | 7.9 | 7.7 |
| Rural | 6 | 6% | ~~13~~ | ~~11.2~~ | ~~9.9~~ | ~~9.8~~ | ~~9.7~~ | ~~9.5~~ | 9.3 | 9.1 | 8.7 | 8.4 | 8.2 |
| Rural | 6 | 7% | ~~13.5~~ | ~~11.7~~ | ~~10.6~~ | ~~10.5~~ | ~~10.4~~ | ~~10.2~~ | ~~10~~ | ~~9.8~~ | 9.4 | 9.1 | 8.9 |
| Rural | 8 | 0% | ~~11.1~~ | 9.2 | 8.1 | 7.9 | 7.8 | 7.6 | 7.4 | 7.2 | 6.5 | 6.2 | 6 |
| Rural | 8 | 1% | ~~11.4~~ | ~~9.5~~ | 8.4 | 8.2 | 8.1 | 7.9 | 7.7 | 7.5 | 6.8 | 6.5 | 6.3 |
| Rural | 8 | 2% | ~~11.8~~ | ~~9.9~~ | 8.7 | 8.5 | 8.4 | 8.2 | 8 | 7.8 | 7.1 | 6.8 | 6.6 |
| Rural | 8 | 3% | ~~12.2~~ | ~~10.3~~ | 9 | 8.8 | 8.7 | 8.5 | 8.3 | 8.1 | 7.4 | 7.1 | 6.9 |
| Rural | 8 | 4% | ~~12.6~~ | ~~10.7~~ | ~~9.5~~ | 9.3 | 9.2 | 9 | 8.8 | 8.6 | 7.9 | 7.6 | 7.4 |
| Rural | 8 | 5% | ~~13.2~~ | ~~11.3~~ | ~~10~~ | ~~9.8~~ | ~~9.7~~ | ~~9.5~~ | 9.3 | 9.1 | 8.4 | 8.1 | 7.9 |
| Rural | 8 | 6% | ~~13.8~~ | ~~11.9~~ | ~~10.5~~ | ~~10.3~~ | ~~10.2~~ | ~~10~~ | ~~9.8~~ | ~~9.6~~ | 8.9 | 8.6 | 8.4 |
| Rural | 8 | 7% | ~~14.3~~ | ~~12.4~~ | ~~11.2~~ | ~~11~~ | ~~10.9~~ | ~~10.7~~ | ~~10.5~~ | ~~10.3~~ | ~~9.6~~ | 9.3 | 9.1 |
| Rural | 10 | 0% | ~~11.8~~ | ~~9.7~~ | 8.6 | 8.4 | 8.1 | 7.9 | 7.7 | 7.5 | 6.6 | 6.4 | 6.2 |
| Rural | 10 | 1% | ~~12.1~~ | ~~10~~ | 8.9 | 8.7 | 8.4 | 8.2 | 8 | 7.8 | 6.9 | 6.7 | 6.5 |
| Rural | 10 | 2% | ~~12.5~~ | ~~10.4~~ | 9.2 | 9 | 8.7 | 8.5 | 8.3 | 8.1 | 7.2 | 7 | 6.8 |
| Rural | 10 | 3% | ~~12.9~~ | ~~10.8~~ | ~~9.5~~ | 9.3 | 9 | 8.8 | 8.6 | 8.4 | 7.5 | 7.3 | 7.1 |
| Rural | 10 | 4% | ~~13.3~~ | ~~11.2~~ | ~~10~~ | ~~9.8~~ | ~~9.5~~ | 9.3 | 9.1 | 8.9 | 8 | 7.8 | 7.6 |
| Rural | 10 | 5% | ~~13.9~~ | ~~11.8~~ | ~~10.5~~ | ~~10.3~~ | ~~10~~ | ~~9.8~~ | ~~9.6~~ | 9.4 | 8.5 | 8.3 | 8.1 |
| Rural | 10 | 6% | ~~14.5~~ | ~~12.4~~ | ~~11~~ | ~~10.8~~ | ~~10.5~~ | ~~10.3~~ | ~~10.1~~ | ~~9.9~~ | 9 | 8.8 | 8.6 |
| Rural | 10 | 7% | ~~15~~ | ~~12.9~~ | ~~11.7~~ | ~~11.5~~ | ~~11.2~~ | ~~11~~ | ~~10.8~~ | ~~10.6~~ | ~~9.7~~ | ~~9.5~~ | 9.3 |
| Rural | 12 | 0% | ~~12.3~~ | ~~10.7~~ | 9.1 | 8.9 | 8.6 | 8.2 | 8 | 7.8 | 6.8 | 6.7 | 6.4 |
| Rural | 12 | 1% | ~~12.6~~ | ~~10.8~~ | 9.4 | 9.2 | 8.9 | 8.5 | 8.3 | 8.1 | 7.1 | 7 | 6.7 |
| Rural | 12 | 2% | ~~13~~ | ~~10.9~~ | ~~9.7~~ | ~~9.5~~ | 9.2 | 8.8 | 8.6 | 8.4 | 7.4 | 7.3 | 7 |
| Rural | 12 | 3% | ~~13.4~~ | ~~11.1~~ | ~~10~~ | ~~9.8~~ | ~~9.5~~ | 9.1 | 8.9 | 8.7 | 7.7 | 7.6 | 7.3 |
| Rural | 12 | 4% | ~~13.8~~ | ~~11.5~~ | ~~10.5~~ | ~~10.3~~ | ~~10~~ | ~~9.6~~ | 9.4 | 9.2 | 8.2 | 8.1 | 7.8 |
| Rural | 12 | 5% | ~~14.4~~ | ~~12.1~~ | ~~11~~ | ~~10.8~~ | ~~10.5~~ | ~~10.1~~ | ~~9.9~~ | ~~9.7~~ | 8.7 | 8.6 | 8.3 |
| Rural | 12 | 6% | ~~15~~ | ~~12.7~~ | ~~11.5~~ | ~~11.3~~ | ~~11~~ | ~~10.6~~ | ~~10.4~~ | ~~10.2~~ | 9.2 | 9.1 | 8.8 |
| Rural | 12 | 7% | ~~15.5~~ | ~~13.2~~ | ~~12.2~~ | ~~12~~ | ~~11.7~~ | ~~11.3~~ | ~~11.1~~ | ~~10.9~~ | ~~9.9~~ | ~~9.8~~ | ~~9.5~~ |
| Urban | 2 | 0% | 4.4 | 4.1 | 4 | 4 | 4 | 4 | 4 | 4 | 3.8 | 3.8 | 3.8 |
| Urban | 2 | 1% | 4.6 | 4.4 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.1 | 4.1 | 4.1 |
| Urban | 2 | 2% | 4.8 | 4.6 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.3 | 4.3 | 4.3 |
| Urban | 2 | 3% | 5.1 | 4.8 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.5 | 4.5 | 4.5 |
| Urban | 2 | 4% | 5.5 | 5.3 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5 | 5 | 5 |
| Urban | 2 | 5% | 5.8 | 5.6 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.3 | 5.3 | 5.3 |
| Urban | 2 | 6% | 6.4 | 6.2 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 5.9 | 5.9 | 5.9 |
| Urban | 2 | 7% | 6.8 | 6.6 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.3 | 6.3 | 6.3 |
| Urban | 4 | 0% | 5.8 | 5.1 | 4.4 | 4.4 | 4.3 | 4.2 | 4.2 | 4.2 | 4 | 4 | 3.8 |
| Urban | 4 | 1% | 5.9 | 5.2 | 4.7 | 4.7 | 4.6 | 4.5 | 4.5 | 4.5 | 4.3 | 4.3 | 4.1 |
| Urban | 4 | 2% | 6.2 | 5.5 | 4.9 | 4.9 | 4.8 | 4.7 | 4.7 | 4.7 | 4.5 | 4.5 | 4.3 |
| Urban | 4 | 3% | 6.5 | 5.8 | 5.1 | 5.1 | 5 | 4.9 | 4.9 | 4.9 | 4.7 | 4.7 | 4.5 |
| Urban | 4 | 4% | 6.8 | 6.1 | 5.6 | 5.6 | 5.5 | 5.4 | 5.4 | 5.4 | 5.2 | 5.2 | 5 |
| Urban | 4 | 5% | 7.1 | 6.4 | 5.9 | 5.9 | 5.8 | 5.7 | 5.7 | 5.7 | 5.5 | 5.5 | 5.3 |
| Urban | 4 | 6% | 7.6 | 6.9 | 6.5 | 6.5 | 6.4 | 6.3 | 6.3 | 6.3 | 6.1 | 6.1 | 5.9 |
| Urban | 4 | 7% | 7.9 | 7.2 | 6.9 | 6.9 | 6.8 | 6.7 | 6.7 | 6.7 | 6.5 | 6.5 | 6.3 |
| Urban | 6 | 0% | 6.7 | 5.8 | 4.8 | 4.7 | 4.6 | 4.5 | 4.4 | 4.4 | 4.2 | 4 | 3.8 |
| Urban | 6 | 1% | 6.8 | 5.9 | 5 | 5 | 4.9 | 4.8 | 4.7 | 4.7 | 4.5 | 4.3 | 4.1 |
| Urban | 6 | 2% | 7.1 | 6.2 | 5.2 | 5.2 | 5.1 | 5 | 4.9 | 4.9 | 4.7 | 4.5 | 4.3 |
| Urban | 6 | 3% | 7.4 | 6.5 | 5.5 | 5.4 | 5.3 | 5.2 | 5.1 | 5.1 | 4.9 | 4.7 | 4.5 |
| Urban | 6 | 4% | 7.7 | 6.8 | 5.9 | 5.9 | 5.8 | 5.7 | 5.6 | 5.6 | 5.4 | 5.2 | 5 |
| Urban | 6 | 5% | 8 | 7.1 | 6.2 | 6.2 | 6.1 | 6 | 5.9 | 5.9 | 5.7 | 5.5 | 5.3 |
| Urban | 6 | 6% | 8.5 | 7.6 | 6.8 | 6.8 | 6.7 | 6.6 | 6.5 | 6.5 | 6.3 | 6.1 | 5.9 |
| Urban | 6 | 7% | 8.8 | 7.9 | 7.2 | 7.2 | 7.1 | 7 | 6.9 | 6.9 | 6.7 | 6.5 | 6.3 |
| Urban | 8 | 0% | 7.3 | 6.4 | 5.1 | 4.9 | 4.9 | 4.7 | 4.7 | 4.6 | 4.4 | 4.2 | 4 |
| Urban | 8 | 1% | 7.4 | 6.4 | 5.3 | 5.2 | 5.2 | 5 | 5 | 4.9 | 4.7 | 4.5 | 4.3 |
| Urban | 8 | 2% | 7.7 | 6.7 | 5.5 | 5.4 | 5.4 | 5.2 | 5.2 | 5.1 | 4.9 | 4.7 | 4.5 |
| Urban | 8 | 3% | 8 | 7 | 5.8 | 5.6 | 5.6 | 5.4 | 5.4 | 5.3 | 5.1 | 4.9 | 4.7 |
| Urban | 8 | 4% | 8.3 | 7.3 | 6.2 | 6.1 | 6.1 | 5.9 | 5.9 | 5.7 | 5.5 | 5.4 | 5.2 |
| Urban | 8 | 5% | 8.6 | 7.6 | 6.5 | 6.4 | 6.4 | 6.2 | 6.2 | 6 | 5.8 | 5.7 | 5.5 |
| Urban | 8 | 6% | 9.1 | 8.1 | 7.1 | 7 | 7 | 6.8 | 6.8 | 6.6 | 6.4 | 6.3 | 6.1 |
| Urban | 8 | 7% | 9.4 | 8.4 | 7.5 | 7.4 | 7.4 | 7.2 | 7.2 | 7 | 6.8 | 6.7 | 6.5 |
| Urban | 10 | 0% | 7.9 | 7.2 | 5.6 | 5.2 | 5.1 | 5 | 4.9 | 4.9 | 4.5 | 4.3 | 4 |
| Urban | 10 | 1% | 7.9 | 7.2 | 5.6 | 5.5 | 5.4 | 5.3 | 5.2 | 5.2 | 4.8 | 4.6 | 4.3 |
| Urban | 10 | 2% | 8.2 | 7.5 | 5.9 | 5.7 | 5.6 | 5.5 | 5.4 | 5.4 | 5 | 4.8 | 4.5 |
| Urban | 10 | 3% | 8.5 | 7.6 | 6.2 | 5.9 | 5.8 | 5.7 | 5.6 | 5.6 | 5.3 | 5 | 4.7 |
| Urban | 10 | 4% | 8.8 | 7.9 | 6.5 | 6.4 | 6.2 | 6.1 | 6.1 | 5.9 | 5.7 | 5.4 | 5.2 |
| Urban | 10 | 5% | 9.1 | 8 | 6.8 | 6.7 | 6.5 | 6.4 | 6.4 | 6.2 | 6 | 5.7 | 5.5 |
| Urban | 10 | 6% | ~~9.6~~ | 8.5 | 7.3 | 7.3 | 7.1 | 7 | 7 | 6.8 | 6.6 | 6.3 | 6.1 |
| Urban | 10 | 7% | ~~9.9~~ | 8.8 | 7.7 | 7.7 | 7.5 | 7.4 | 7.4 | 7.2 | 7 | 6.7 | 6.5 |
| Urban | 12 | 0% | 8.6 | 7.8 | 6 | 5.6 | 5.4 | 5.3 | 5.2 | 5.1 | 4.7 | 4.4 | 4.2 |
| Urban | 12 | 1% | 8.6 | 7.8 | 6 | 5.8 | 5.7 | 5.6 | 5.5 | 5.4 | 5 | 4.7 | 4.5 |
| Urban | 12 | 2% | 8.9 | 8.1 | 6.3 | 6 | 5.9 | 5.8 | 5.7 | 5.6 | 5.2 | 4.9 | 4.7 |
| Urban | 12 | 3% | 9 | 8.2 | 6.4 | 6.2 | 6.1 | 6 | 5.9 | 5.8 | 5.4 | 5.2 | 4.9 |
| Urban | 12 | 4% | 9.3 | 8.5 | 6.7 | 6.6 | 6.4 | 6.4 | 6.2 | 6.1 | 5.8 | 5.6 | 5.4 |
| Urban | 12 | 5% | ~~9.6~~ | 8.6 | 7 | 6.9 | 6.7 | 6.7 | 6.5 | 6.4 | 6.1 | 5.9 | 5.7 |
| Urban | 12 | 6% | ~~10.1~~ | 9 | 7.6 | 7.5 | 7.3 | 7.3 | 7.1 | 7 | 6.7 | 6.5 | 6.3 |
| Urban | 12 | 7% | ~~10.4~~ | 9.3 | 8 | 7.9 | 7.7 | 7.7 | 7.5 | 7.4 | 7.1 | 6.9 | 6.7 |

Notes: Red strikethrough values indicated exceedances of the standard

d These findings apply to scenarios with the intersection average speed ranging from 15 to 45 mph and the freeway average speed ranging from 19 to 75 mph, for which posted speeds in these ranges may be applied as reasonable proxies

| Table 10(c) – One-hour CO Concentrations at Varying Intersection-Freeway Distances, Intersection Grade, and Lane Configurations for 90o Skew Angle (not including background concentrations)e | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Location | Number of Lanes | Intersection Grade (Percent) | Distance between Freeway and Intersection (ft) | | | | | | | | | | |
| 20 | 30 | 60 | 80 | 100 | 125 | 150 | 175 | 300 | 500 | 1000 |
| Rural | 2 | 0% | 6.7 | 6 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 5.6 | 5.6 | 5.6 | 5.4 |
| Rural | 2 | 1% | 7 | 6.3 | 6 | 6 | 6 | 6 | 6 | 5.8 | 5.8 | 5.7 | 5.6 |
| Rural | 2 | 2% | 7.4 | 6.7 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.2 | 6.2 | 6.2 | 6 |
| Rural | 2 | 3% | 7.8 | 7.1 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.5 | 6.5 | 6.3 | 6.3 |
| Rural | 2 | 4% | 8.1 | 7.4 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7 | 7 | 6.8 | 6.8 |
| Rural | 2 | 5% | 8.8 | 8.1 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.5 | 7.5 | 7.3 | 7.3 |
| Rural | 2 | 6% | 9.4 | 8.7 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8 | 8 | 7.8 | 7.8 |
| Rural | 2 | 7% | ~~9.9~~ | 9.2 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.6 | 8.6 | 8.4 | 8.4 |
| Rural | 4 | 0% | 9 | 7.6 | 6.7 | 6.6 | 6.5 | 6.4 | 6.3 | 6.2 | 5.8 | 5.8 | 5.6 |
| Rural | 4 | 1% | 9.3 | 7.9 | 6.9 | 6.8 | 6.7 | 6.6 | 6.5 | 6.4 | 6 | 5.9 | 5.7 |
| Rural | 4 | 2% | ~~9.7~~ | 8.3 | 7.3 | 7.2 | 7.1 | 7 | 6.9 | 6.8 | 6.4 | 6.4 | 6.2 |
| Rural | 4 | 3% | ~~10.1~~ | 8.7 | 7.6 | 7.5 | 7.4 | 7.3 | 7.2 | 7.1 | 6.7 | 6.5 | 6.3 |
| Rural | 4 | 4% | ~~10.4~~ | 9 | 8.1 | 8 | 7.9 | 7.8 | 7.7 | 7.6 | 7.2 | 6.9 | 6.8 |
| Rural | 4 | 5% | ~~11.1~~ | ~~9.7~~ | 8.6 | 8.5 | 8.4 | 8.3 | 8.2 | 8.1 | 7.7 | 7.4 | 7.3 |
| Rural | 4 | 6% | ~~11.7~~ | ~~10.3~~ | 9.1 | 9 | 8.9 | 8.8 | 8.7 | 8.6 | 8.2 | 7.9 | 7.8 |
| Rural | 4 | 7% | ~~12.2~~ | ~~10.8~~ | ~~9.7~~ | ~~9.6~~ | ~~9.5~~ | 9.4 | 9.3 | 9.2 | 8.8 | 8.5 | 8.4 |
| Rural | 6 | 0% | ~~10.3~~ | 8.5 | 7.3 | 7.1 | 7 | 6.9 | 6.7 | 6.5 | 6 | 6 | 5.8 |
| Rural | 6 | 1% | ~~10.6~~ | 8.8 | 7.5 | 7.3 | 7.2 | 7.1 | 6.9 | 6.7 | 6.2 | 6.1 | 5.9 |
| Rural | 6 | 2% | ~~11~~ | 9.2 | 7.9 | 7.7 | 7.6 | 7.5 | 7.3 | 7.1 | 6.6 | 6.6 | 6.4 |
| Rural | 6 | 3% | ~~11.4~~ | ~~9.6~~ | 8.2 | 8 | 7.9 | 7.8 | 7.6 | 7.4 | 6.9 | 6.7 | 6.5 |
| Rural | 6 | 4% | ~~11.7~~ | ~~9.9~~ | 8.7 | 8.5 | 8.4 | 8.3 | 8.1 | 7.9 | 7.4 | 7.1 | 6.9 |
| Rural | 6 | 5% | ~~12.4~~ | ~~10.6~~ | 9.2 | 9 | 8.9 | 8.8 | 8.6 | 8.4 | 7.9 | 7.5 | 7.3 |
| Rural | 6 | 6% | ~~13~~ | ~~11.2~~ | ~~9.7~~ | ~~9.5~~ | 9.4 | 9.3 | 9.1 | 8.9 | 8.4 | 8 | 7.8 |
| Rural | 6 | 7% | ~~13.5~~ | ~~11.7~~ | ~~10.3~~ | ~~10.1~~ | ~~10~~ | ~~9.9~~ | ~~9.7~~ | ~~9.5~~ | 9 | 8.6 | 8.4 |
| Rural | 8 | 0% | ~~11.1~~ | 9 | 7.9 | 7.7 | 7.5 | 7.2 | 7.1 | 6.9 | 6.3 | 6.2 | 6 |
| Rural | 8 | 1% | ~~11.4~~ | 9.3 | 8.1 | 7.9 | 7.7 | 7.4 | 7.3 | 7.1 | 6.4 | 6.3 | 6.1 |
| Rural | 8 | 2% | ~~11.8~~ | ~~9.7~~ | 8.5 | 8.3 | 8.1 | 7.8 | 7.7 | 7.5 | 6.9 | 6.8 | 6.6 |
| Rural | 8 | 3% | ~~12.2~~ | ~~10.1~~ | 8.8 | 8.6 | 8.4 | 8.1 | 8 | 7.8 | 7.1 | 6.9 | 6.7 |
| Rural | 8 | 4% | ~~12.5~~ | ~~10.4~~ | 9.3 | 9.1 | 8.9 | 8.6 | 8.5 | 8.3 | 7.6 | 7.3 | 7.1 |
| Rural | 8 | 5% | ~~13.2~~ | ~~11.1~~ | ~~9.8~~ | ~~9.6~~ | 9.4 | 9.1 | 9 | 8.8 | 8.1 | 7.7 | 7.5 |
| Rural | 8 | 6% | ~~13.8~~ | ~~11.7~~ | ~~10.3~~ | ~~10.1~~ | ~~9.9~~ | ~~9.6~~ | ~~9.5~~ | 9.3 | 8.6 | 8.2 | 8 |
| Rural | 8 | 7% | ~~14.3~~ | ~~12.2~~ | ~~10.9~~ | ~~10.7~~ | ~~10.5~~ | ~~10.2~~ | ~~10.1~~ | ~~9.9~~ | 9.2 | 8.8 | 8.6 |
| Rural | 10 | 0% | ~~11.8~~ | ~~9.5~~ | 8.4 | 8.2 | 7.9 | 7.7 | 7.5 | 7.2 | 6.5 | 6.3 | 6 |
| Rural | 10 | 1% | ~~12.1~~ | ~~9.8~~ | 8.6 | 8.4 | 8.1 | 7.9 | 7.7 | 7.4 | 6.6 | 6.4 | 6.1 |
| Rural | 10 | 2% | ~~12.5~~ | ~~10.2~~ | 9 | 8.8 | 8.5 | 8.3 | 8.1 | 7.8 | 7.1 | 6.9 | 6.6 |
| Rural | 10 | 3% | ~~12.9~~ | ~~10.6~~ | 9.3 | 9.1 | 8.8 | 8.6 | 8.4 | 8.1 | 7.3 | 7 | 6.7 |
| Rural | 10 | 4% | ~~13.2~~ | ~~10.9~~ | ~~9.8~~ | ~~9.6~~ | 9.3 | 9.1 | 8.9 | 8.6 | 7.8 | 7.4 | 7.1 |
| Rural | 10 | 5% | ~~13.9~~ | ~~11.6~~ | ~~10.3~~ | ~~10.1~~ | ~~9.8~~ | ~~9.6~~ | 9.4 | 9.1 | 8.3 | 7.8 | 7.5 |
| Rural | 10 | 6% | ~~14.5~~ | ~~12.2~~ | ~~10.8~~ | ~~10.6~~ | ~~10.3~~ | ~~10.1~~ | ~~9.9~~ | ~~9.6~~ | 8.8 | 8.3 | 8 |
| Rural | 10 | 7% | ~~15~~ | ~~12.7~~ | ~~11.4~~ | ~~11.2~~ | ~~10.9~~ | ~~10.7~~ | ~~10.5~~ | ~~10.2~~ | 9.4 | 8.9 | 8.6 |
| Rural | 12 | 0% | ~~12.3~~ | ~~10.6~~ | 8.9 | 8.5 | 8.3 | 8 | 7.8 | 7.5 | 6.7 | 6.5 | 6.2 |
| Rural | 12 | 1% | ~~12.6~~ | ~~10.7~~ | 9.1 | 8.7 | 8.5 | 8.2 | 8 | 7.7 | 6.8 | 6.6 | 6.3 |
| Rural | 12 | 2% | ~~13~~ | ~~10.7~~ | ~~9.5~~ | 9.1 | 8.9 | 8.6 | 8.4 | 8.1 | 7.3 | 7.1 | 6.8 |
| Rural | 12 | 3% | ~~13.4~~ | ~~11~~ | ~~9.8~~ | 9.4 | 9.2 | 8.9 | 8.7 | 8.4 | 7.4 | 7.2 | 6.9 |
| Rural | 12 | 4% | ~~13.7~~ | ~~11.3~~ | ~~10.3~~ | ~~9.9~~ | ~~9.7~~ | 9.4 | 9.2 | 8.9 | 7.9 | 7.6 | 7.3 |
| Rural | 12 | 5% | ~~14.4~~ | ~~12~~ | ~~10.8~~ | ~~10.4~~ | ~~10.2~~ | ~~9.9~~ | ~~9.7~~ | 9.4 | 8.4 | 8 | 7.7 |
| Rural | 12 | 6% | ~~15~~ | ~~12.6~~ | ~~11.3~~ | ~~10.9~~ | ~~10.7~~ | ~~10.4~~ | ~~10.2~~ | ~~9.9~~ | 8.9 | 8.5 | 8.2 |
| Rural | 12 | 7% | ~~15.5~~ | ~~13.1~~ | ~~11.9~~ | ~~11.5~~ | ~~11.3~~ | ~~11~~ | ~~10.8~~ | ~~10.5~~ | ~~9.5~~ | 9.1 | 8.8 |
| Urban | 2 | 0% | 4.5 | 4.2 | 3.9 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.7 | 3.6 | 3.6 |
| Urban | 2 | 1% | 4.6 | 4.3 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 3.9 | 3.9 | 3.9 |
| Urban | 2 | 2% | 4.9 | 4.6 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.1 | 4.1 | 4.1 |
| Urban | 2 | 3% | 5.2 | 4.9 | 4.6 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.3 | 4.3 | 4.3 |
| Urban | 2 | 4% | 5.4 | 5.1 | 4.8 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.5 | 4.5 | 4.5 |
| Urban | 2 | 5% | 5.8 | 5.5 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5 | 5 | 5 |
| Urban | 2 | 6% | 6.3 | 6 | 5.7 | 5.6 | 5.6 | 5.6 | 5.6 | 5.6 | 5.4 | 5.4 | 5.4 |
| Urban | 2 | 7% | 6.7 | 6.4 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 5.9 | 5.9 | 5.9 |
| Urban | 4 | 0% | 5.9 | 5.2 | 4.5 | 4.2 | 4.2 | 4 | 4 | 4 | 3.9 | 3.8 | 3.8 |
| Urban | 4 | 1% | 6 | 5.3 | 4.6 | 4.5 | 4.4 | 4.3 | 4.3 | 4.3 | 4.1 | 4.1 | 4 |
| Urban | 4 | 2% | 6.3 | 5.6 | 4.9 | 4.7 | 4.6 | 4.5 | 4.5 | 4.5 | 4.3 | 4.3 | 4.1 |
| Urban | 4 | 3% | 6.6 | 5.9 | 5.2 | 4.9 | 4.9 | 4.7 | 4.7 | 4.7 | 4.5 | 4.5 | 4.3 |
| Urban | 4 | 4% | 6.8 | 6.1 | 5.4 | 5.1 | 5.1 | 4.9 | 4.9 | 4.9 | 4.7 | 4.7 | 4.5 |
| Urban | 4 | 5% | 7.2 | 6.5 | 5.8 | 5.6 | 5.5 | 5.4 | 5.4 | 5.4 | 5.2 | 5.2 | 5 |
| Urban | 4 | 6% | 7.7 | 7 | 6.3 | 6 | 6 | 5.8 | 5.8 | 5.8 | 5.6 | 5.6 | 5.4 |
| Urban | 4 | 7% | 8.1 | 7.4 | 6.7 | 6.5 | 6.4 | 6.3 | 6.3 | 6.3 | 6.1 | 6.1 | 5.9 |
| Urban | 6 | 0% | 6.8 | 5.9 | 4.9 | 4.6 | 4.4 | 4.3 | 4.2 | 4.2 | 4 | 4 | 3.8 |
| Urban | 6 | 1% | 6.9 | 6 | 5 | 4.8 | 4.7 | 4.6 | 4.5 | 4.5 | 4.3 | 4.2 | 4 |
| Urban | 6 | 2% | 7.2 | 6.3 | 5.3 | 5 | 4.9 | 4.8 | 4.7 | 4.7 | 4.5 | 4.3 | 4.1 |
| Urban | 6 | 3% | 7.5 | 6.6 | 5.6 | 5.3 | 5.1 | 5 | 4.9 | 4.9 | 4.7 | 4.5 | 4.3 |
| Urban | 6 | 4% | 7.7 | 6.8 | 5.8 | 5.5 | 5.3 | 5.2 | 5.1 | 5.1 | 4.9 | 4.7 | 4.5 |
| Urban | 6 | 5% | 8.1 | 7.2 | 6.2 | 5.9 | 5.8 | 5.7 | 5.6 | 5.6 | 5.4 | 5.2 | 5 |
| Urban | 6 | 6% | 8.6 | 7.7 | 6.7 | 6.4 | 6.2 | 6.1 | 6 | 6 | 5.8 | 5.6 | 5.4 |
| Urban | 6 | 7% | 9 | 8.1 | 7.1 | 6.8 | 6.7 | 6.6 | 6.5 | 6.5 | 6.3 | 6.1 | 5.9 |
| Urban | 8 | 0% | 7.4 | 6.4 | 5.2 | 4.9 | 4.7 | 4.5 | 4.5 | 4.4 | 4.2 | 4.1 | 4 |
| Urban | 8 | 1% | 7.5 | 6.5 | 5.3 | 5 | 5 | 4.8 | 4.8 | 4.6 | 4.4 | 4.3 | 4.2 |
| Urban | 8 | 2% | 7.8 | 6.8 | 5.6 | 5.3 | 5.2 | 5 | 5 | 4.8 | 4.6 | 4.4 | 4.3 |
| Urban | 8 | 3% | 8.1 | 7.1 | 5.9 | 5.6 | 5.4 | 5.2 | 5.2 | 5 | 4.8 | 4.6 | 4.5 |
| Urban | 8 | 4% | 8.3 | 7.3 | 6.1 | 5.8 | 5.6 | 5.4 | 5.4 | 5.2 | 5 | 4.8 | 4.7 |
| Urban | 8 | 5% | 8.7 | 7.7 | 6.5 | 6.2 | 6.1 | 5.9 | 5.9 | 5.7 | 5.5 | 5.3 | 5.2 |
| Urban | 8 | 6% | 9.2 | 8.2 | 7 | 6.7 | 6.5 | 6.3 | 6.3 | 6.1 | 5.9 | 5.7 | 5.6 |
| Urban | 8 | 7% | ~~9.6~~ | 8.6 | 7.4 | 7.1 | 7 | 6.8 | 6.8 | 6.6 | 6.4 | 6.2 | 6.1 |
| Urban | 10 | 0% | 7.9 | 7.1 | 5.6 | 5.2 | 4.9 | 4.7 | 4.7 | 4.6 | 4.4 | 4.2 | 4 |
| Urban | 10 | 1% | 8 | 7.2 | 5.7 | 5.3 | 5.1 | 5 | 4.9 | 4.8 | 4.6 | 4.4 | 4.2 |
| Urban | 10 | 2% | 8.3 | 7.5 | 6 | 5.6 | 5.3 | 5.2 | 5.1 | 5 | 4.7 | 4.5 | 4.3 |
| Urban | 10 | 3% | 8.6 | 7.6 | 6.3 | 5.9 | 5.6 | 5.4 | 5.3 | 5.2 | 4.9 | 4.7 | 4.5 |
| Urban | 10 | 4% | 8.8 | 7.8 | 6.5 | 6.1 | 5.8 | 5.6 | 5.5 | 5.4 | 5.1 | 4.9 | 4.7 |
| Urban | 10 | 5% | 9.2 | 8.1 | 6.9 | 6.5 | 6.2 | 6.1 | 6 | 5.9 | 5.6 | 5.4 | 5.2 |
| Urban | 10 | 6% | ~~9.7~~ | 8.6 | 7.4 | 7 | 6.7 | 6.5 | 6.4 | 6.3 | 6 | 5.8 | 5.6 |
| Urban | 10 | 7% | ~~10.1~~ | 9 | 7.8 | 7.4 | 7.1 | 7 | 6.9 | 6.8 | 6.5 | 6.3 | 6.1 |
| Urban | 12 | 0% | 8.5 | 7.7 | 5.9 | 5.4 | 5.1 | 5 | 4.9 | 4.8 | 4.6 | 4.4 | 4.2 |
| Urban | 12 | 1% | 8.6 | 7.8 | 6 | 5.5 | 5.3 | 5.3 | 5.1 | 5 | 4.8 | 4.6 | 4.4 |
| Urban | 12 | 2% | 8.9 | 8.1 | 6.3 | 5.8 | 5.5 | 5.5 | 5.3 | 5.2 | 4.9 | 4.7 | 4.5 |
| Urban | 12 | 3% | 9.1 | 8.2 | 6.5 | 6 | 5.7 | 5.7 | 5.5 | 5.4 | 5.1 | 4.9 | 4.7 |
| Urban | 12 | 4% | 9.3 | 8.4 | 6.7 | 6.2 | 5.9 | 5.9 | 5.7 | 5.6 | 5.3 | 5.1 | 4.9 |
| Urban | 12 | 5% | ~~9.7~~ | 8.7 | 7.1 | 6.6 | 6.4 | 6.4 | 6.2 | 6.1 | 5.8 | 5.6 | 5.4 |
| Urban | 12 | 6% | ~~10.2~~ | 9.1 | 7.6 | 7.1 | 6.8 | 6.8 | 6.6 | 6.5 | 6.2 | 6 | 5.8 |
| Urban | 12 | 7% | ~~10.6~~ | ~~9.5~~ | 8 | 7.5 | 7.3 | 7.3 | 7.1 | 7 | 6.7 | 6.5 | 6.3 |

Notes: Red strikethrough values indicated exceedances of the standard

e These findings apply to scenarios with the intersection average speed ranging from 15 to 45 mph and the freeway average speed ranging from 19 to 75 mph, for which posted speeds in these ranges may be applied as reasonable proxies

Appendix C-1 MOVES Emission Factors Used in TSD

| Table C-1 – CO Idle Emission Rates Used in the Modeling, in Grams Per Vehicle-Hour, 2020 | | |
| --- | --- | --- |
| Road Type | Speed | Grams Per Vehicle Hour |
| Urban Unrestricted | 0 | 13.67 |
| Rural Unrestricted | 0 | 13.82 |
| Urban Restricted | 0 | 13.60 |
| Rural Restricted | 0 | 13.71 |

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| Table C-2 – CO Running Emission Rates Used in the Modeling for Upgrade and Downgrade Conditions, Respectively, in Grams Per Vehicle-Mile, 2020, by Speed and Grade | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Road Type | Speed (MPH) | Grade (%) | Grams/Vehicle Mile Upgrade | Grams/Vehicle Mile Downgrade | Road Type | Speed (MPH) | Grade (%) | Grams/Vehicle Mile Upgrade | Grams/Vehicle Mile Downgrade | Road Type | Speed (MPH) | Grade (%) | Grams/Vehicle Mile Upgrade | Grams/Vehicle Mile Downgrade |
| Rural Unrestricted | 1 | 0 | 63.70 | 63.70 | Urban Unrestricted | 1 | 7 | 70.01 | 30.00 | Rural Restricted | 1 | 4 | 68.70 | 40.00 |
| Rural Unrestricted | 2 | 0 | 31.93 | 31.93 | Urban Unrestricted | 2 | 7 | 35.88 | 15.20 | Rural Restricted | 2 | 4 | 34.94 | 20.26 |
| Rural Unrestricted | 3 | 0 | 22.10 | 22.10 | Urban Unrestricted | 3 | 7 | 28.02 | 11.01 | Rural Restricted | 3 | 4 | 25.79 | 14.43 |
| Rural Unrestricted | 4 | 0 | 17.61 | 17.61 | Urban Unrestricted | 4 | 7 | 25.31 | 9.14 | Rural Restricted | 4 | 4 | 21.81 | 11.67 |
| Rural Unrestricted | 5 | 0 | 15.05 | 15.05 | Urban Unrestricted | 5 | 7 | 23.76 | 7.96 | Rural Restricted | 5 | 4 | 19.49 | 9.97 |
| Rural Unrestricted | 6 | 0 | 13.52 | 13.52 | Urban Unrestricted | 6 | 7 | 22.81 | 7.08 | Rural Restricted | 6 | 4 | 18.03 | 8.81 |
| Rural Unrestricted | 7 | 0 | 12.43 | 12.43 | Urban Unrestricted | 7 | 7 | 22.13 | 6.46 | Rural Restricted | 7 | 4 | 16.99 | 7.97 |
| Rural Unrestricted | 8 | 0 | 11.61 | 11.61 | Urban Unrestricted | 8 | 7 | 21.62 | 5.99 | Rural Restricted | 8 | 4 | 16.20 | 7.35 |
| Rural Unrestricted | 9 | 0 | 10.97 | 10.97 | Urban Unrestricted | 9 | 7 | 21.23 | 5.63 | Rural Restricted | 9 | 4 | 15.53 | 6.88 |
| Rural Unrestricted | 10 | 0 | 10.46 | 10.46 | Urban Unrestricted | 10 | 7 | 20.91 | 5.33 | Rural Restricted | 10 | 4 | 14.84 | 6.56 |
| Rural Unrestricted | 11 | 0 | 10.06 | 10.06 | Urban Unrestricted | 11 | 7 | 20.73 | 5.09 | Rural Restricted | 11 | 4 | 14.32 | 6.27 |
| Rural Unrestricted | 12 | 0 | 9.77 | 9.77 | Urban Unrestricted | 12 | 7 | 20.75 | 4.87 | Rural Restricted | 12 | 4 | 14.00 | 5.98 |
| Rural Unrestricted | 13 | 0 | 9.52 | 9.52 | Urban Unrestricted | 13 | 7 | 20.77 | 4.68 | Rural Restricted | 13 | 4 | 13.72 | 5.73 |
| Rural Unrestricted | 14 | 0 | 9.31 | 9.31 | Urban Unrestricted | 14 | 7 | 20.79 | 4.53 | Rural Restricted | 14 | 4 | 13.49 | 5.52 |
| Rural Unrestricted | 15 | 0 | 9.13 | 9.13 | Urban Unrestricted | 15 | 7 | 20.80 | 4.39 | Rural Restricted | 15 | 4 | 13.28 | 5.33 |
| Rural Unrestricted | 16 | 0 | 8.98 | 8.98 | Urban Unrestricted | 16 | 7 | 20.81 | 4.26 | Rural Restricted | 16 | 4 | 13.17 | 5.13 |
| Rural Unrestricted | 17 | 0 | 8.87 | 8.87 | Urban Unrestricted | 17 | 7 | 20.80 | 4.14 | Rural Restricted | 17 | 4 | 13.26 | 4.87 |
| Rural Unrestricted | 18 | 0 | 8.77 | 8.77 | Urban Unrestricted | 18 | 7 | 20.79 | 4.03 | Rural Restricted | 18 | 4 | 13.34 | 4.63 |
| Rural Unrestricted | 19 | 0 | 8.62 | 8.62 | Urban Unrestricted | 19 | 7 | 20.85 | 3.87 | Rural Restricted | 19 | 4 | 13.41 | 4.42 |
| Rural Unrestricted | 20 | 0 | 8.41 | 8.41 | Urban Unrestricted | 20 | 7 | 20.97 | 3.64 | Rural Restricted | 20 | 4 | 13.47 | 4.23 |
| Rural Unrestricted | 21 | 0 | 8.20 | 8.20 | Urban Unrestricted | 21 | 7 | 21.08 | 3.43 | Rural Restricted | 21 | 4 | 13.50 | 4.06 |
| Rural Unrestricted | 22 | 0 | 7.95 | 7.95 | Urban Unrestricted | 22 | 7 | 21.14 | 3.20 | Rural Restricted | 22 | 4 | 13.52 | 3.89 |
| Rural Unrestricted | 23 | 0 | 7.73 | 7.73 | Urban Unrestricted | 23 | 7 | 21.19 | 2.99 | Rural Restricted | 23 | 4 | 13.54 | 3.74 |
| Rural Unrestricted | 24 | 0 | 7.52 | 7.52 | Urban Unrestricted | 24 | 7 | 21.24 | 2.79 | Rural Restricted | 24 | 4 | 13.56 | 3.60 |
| Rural Unrestricted | 25 | 0 | 7.37 | 7.37 | Urban Unrestricted | 25 | 7 | 21.25 | 2.66 | Rural Restricted | 25 | 4 | 13.51 | 3.54 |
| Rural Unrestricted | 26 | 0 | 7.31 | 7.31 | Urban Unrestricted | 26 | 7 | 21.15 | 2.60 | Rural Restricted | 26 | 4 | 13.40 | 3.55 |
| Rural Unrestricted | 27 | 0 | 7.29 | 7.29 | Urban Unrestricted | 27 | 7 | 21.01 | 2.56 | Rural Restricted | 27 | 4 | 13.30 | 3.56 |
| Rural Unrestricted | 28 | 0 | 7.26 | 7.26 | Urban Unrestricted | 28 | 7 | 20.87 | 2.52 | Rural Restricted | 28 | 4 | 13.21 | 3.56 |
| Rural Unrestricted | 29 | 0 | 7.24 | 7.24 | Urban Unrestricted | 29 | 7 | 20.75 | 2.48 | Rural Restricted | 29 | 4 | 13.12 | 3.57 |
| Rural Unrestricted | 30 | 0 | 7.22 | 7.22 | Urban Unrestricted | 30 | 7 | 20.63 | 2.45 | Rural Restricted | 30 | 4 | 13.04 | 3.58 |
| Rural Unrestricted | 31 | 0 | 7.20 | 7.20 | Urban Unrestricted | 31 | 7 | 20.52 | 2.42 | Rural Restricted | 31 | 4 | 13.04 | 3.58 |
| Rural Unrestricted | 32 | 0 | 7.02 | 7.02 | Urban Unrestricted | 32 | 7 | 20.48 | 2.31 | Rural Restricted | 32 | 4 | 12.95 | 3.50 |
| Rural Unrestricted | 33 | 0 | 6.71 | 6.71 | Urban Unrestricted | 33 | 7 | 20.27 | 2.13 | Rural Restricted | 33 | 4 | 12.71 | 3.34 |
| Rural Unrestricted | 34 | 0 | 6.42 | 6.42 | Urban Unrestricted | 34 | 7 | 20.07 | 1.97 | Rural Restricted | 34 | 4 | 12.49 | 3.19 |
| Rural Unrestricted | 35 | 0 | 6.24 | 6.24 | Urban Unrestricted | 35 | 7 | 20.04 | 1.87 | Rural Restricted | 35 | 4 | 12.42 | 3.11 |
| Rural Unrestricted | 36 | 0 | 6.13 | 6.13 | Urban Unrestricted | 36 | 7 | 20.10 | 1.81 | Rural Restricted | 36 | 4 | 12.46 | 3.08 |
| Rural Unrestricted | 37 | 0 | 6.03 | 6.03 | Urban Unrestricted | 37 | 7 | 20.16 | 1.76 | Rural Restricted | 37 | 4 | 12.50 | 3.05 |
| Rural Unrestricted | 38 | 0 | 5.93 | 5.93 | Urban Unrestricted | 38 | 7 | 20.22 | 1.71 | Rural Restricted | 38 | 4 | 12.53 | 3.02 |
| Rural Unrestricted | 39 | 0 | 5.84 | 5.84 | Urban Unrestricted | 39 | 7 | 20.28 | 1.66 | Rural Restricted | 39 | 4 | 12.57 | 2.99 |
| Rural Unrestricted | 40 | 0 | 5.75 | 5.75 | Urban Unrestricted | 40 | 7 | 20.33 | 1.61 | Rural Restricted | 40 | 4 | 12.60 | 2.96 |
| Rural Unrestricted | 41 | 0 | 5.67 | 5.67 | Urban Unrestricted | 41 | 7 | 20.38 | 1.57 | Rural Restricted | 41 | 4 | 12.63 | 2.93 |
| Rural Unrestricted | 42 | 0 | 5.59 | 5.59 | Urban Unrestricted | 42 | 7 | 20.43 | 1.53 | Rural Restricted | 42 | 4 | 12.66 | 2.91 |
| Rural Unrestricted | 43 | 0 | 5.51 | 5.51 | Urban Unrestricted | 43 | 7 | 20.47 | 1.49 | Rural Restricted | 43 | 4 | 12.68 | 2.89 |
| Rural Unrestricted | 44 | 0 | 5.44 | 5.44 | Urban Unrestricted | 44 | 7 | 20.52 | 1.45 | Rural Restricted | 44 | 4 | 12.71 | 2.86 |
| Rural Unrestricted | 45 | 0 | 5.37 | 5.37 | Urban Unrestricted | 45 | 7 | 20.54 | 1.42 | Rural Restricted | 45 | 4 | 12.71 | 2.84 |
| Rural Unrestricted | 46 | 0 | 5.29 | 5.29 | Urban Unrestricted | 46 | 7 | 20.52 | 1.39 | Rural Restricted | 46 | 4 | 12.69 | 2.83 |
| Rural Unrestricted | 47 | 0 | 5.22 | 5.22 | Urban Unrestricted | 47 | 7 | 20.51 | 1.35 | Rural Restricted | 47 | 4 | 12.68 | 2.80 |
| Rural Unrestricted | 48 | 0 | 5.15 | 5.15 | Urban Unrestricted | 48 | 7 | 20.50 | 1.32 | Rural Restricted | 48 | 4 | 12.68 | 2.77 |
| Rural Unrestricted | 49 | 0 | 5.09 | 5.09 | Urban Unrestricted | 49 | 7 | 20.49 | 1.29 | Rural Restricted | 49 | 4 | 12.68 | 2.75 |
| Rural Unrestricted | 50 | 0 | 5.07 | 5.07 | Urban Unrestricted | 50 | 7 | 20.47 | 1.26 | Rural Restricted | 50 | 4 | 12.67 | 2.72 |
| Rural Unrestricted | 51 | 0 | 5.06 | 5.06 | Urban Unrestricted | 51 | 7 | 20.46 | 1.23 | Rural Restricted | 51 | 4 | 12.67 | 2.70 |
| Rural Unrestricted | 52 | 0 | 5.04 | 5.04 | Urban Unrestricted | 52 | 7 | 20.45 | 1.21 | Rural Restricted | 52 | 4 | 12.67 | 2.68 |
| Rural Unrestricted | 53 | 0 | 5.03 | 5.03 | Urban Unrestricted | 53 | 7 | 20.46 | 1.18 | Rural Restricted | 53 | 4 | 12.66 | 2.65 |
| Rural Unrestricted | 54 | 0 | 5.01 | 5.01 | Urban Unrestricted | 54 | 7 | 20.54 | 1.16 | Rural Restricted | 54 | 4 | 12.66 | 2.63 |
| Rural Unrestricted | 55 | 0 | 5.00 | 5.00 | Urban Unrestricted | 55 | 7 | 20.63 | 1.13 | Rural Restricted | 55 | 4 | 12.66 | 2.61 |
| Rural Unrestricted | 56 | 0 | 4.97 | 4.97 | Urban Unrestricted | 56 | 7 | 20.72 | 1.11 | Rural Restricted | 56 | 4 | 12.66 | 2.59 |
| Rural Unrestricted | 57 | 0 | 4.94 | 4.94 | Urban Unrestricted | 57 | 7 | 20.83 | 1.08 | Rural Restricted | 57 | 4 | 12.68 | 2.56 |
| Rural Unrestricted | 58 | 0 | 4.91 | 4.91 | Urban Unrestricted | 58 | 7 | 20.93 | 1.05 | Rural Restricted | 58 | 4 | 12.69 | 2.54 |
| Rural Unrestricted | 59 | 0 | 4.88 | 4.88 | Urban Unrestricted | 59 | 7 | 21.03 | 1.02 | Rural Restricted | 59 | 4 | 12.72 | 2.52 |
| Rural Unrestricted | 60 | 0 | 4.85 | 4.85 | Urban Unrestricted | 60 | 7 | 21.12 | 1.00 | Rural Restricted | 60 | 4 | 12.84 | 2.51 |
| Rural Unrestricted | 61 | 0 | 4.85 | 4.85 | Urban Unrestricted | 61 | 7 | 21.27 | 0.97 | Rural Restricted | 61 | 4 | 12.97 | 2.49 |
| Rural Unrestricted | 62 | 0 | 4.89 | 4.89 | Urban Unrestricted | 62 | 7 | 21.44 | 0.96 | Rural Restricted | 62 | 4 | 13.12 | 2.46 |
| Rural Unrestricted | 63 | 0 | 4.92 | 4.92 | Urban Unrestricted | 63 | 7 | 21.61 | 0.94 | Rural Restricted | 63 | 4 | 13.27 | 2.43 |
| Rural Unrestricted | 64 | 0 | 4.98 | 4.98 | Urban Unrestricted | 64 | 7 | 21.77 | 0.92 | Rural Restricted | 64 | 4 | 13.41 | 2.41 |
| Rural Unrestricted | 65 | 0 | 5.11 | 5.11 | Urban Unrestricted | 65 | 7 | 21.93 | 0.90 | Rural Restricted | 65 | 4 | 13.72 | 2.40 |
| Rural Unrestricted | 66 | 0 | 5.22 | 5.22 | Urban Unrestricted | 66 | 7 | 22.09 | 0.88 | Rural Restricted | 66 | 4 | 14.12 | 2.41 |
| Rural Unrestricted | 67 | 0 | 5.33 | 5.33 | Urban Unrestricted | 67 | 7 | 22.24 | 0.86 | Rural Restricted | 67 | 4 | 14.47 | 2.40 |
| Rural Unrestricted | 68 | 0 | 5.44 | 5.44 | Urban Unrestricted | 68 | 7 | 22.38 | 0.85 | Rural Restricted | 68 | 4 | 14.78 | 2.38 |
| Rural Unrestricted | 69 | 0 | 5.55 | 5.55 | Urban Unrestricted | 69 | 7 | 22.52 | 0.83 | Rural Restricted | 69 | 4 | 15.07 | 2.36 |
| Rural Unrestricted | 70 | 0 | 5.65 | 5.65 | Urban Unrestricted | 70 | 7 | 22.66 | 0.81 | Rural Restricted | 70 | 4 | 15.37 | 2.34 |
| Rural Unrestricted | 71 | 0 | 5.76 | 5.76 | Urban Unrestricted | 71 | 7 | 22.79 | 0.80 | Rural Restricted | 71 | 4 | 15.65 | 2.32 |
| Rural Unrestricted | 72 | 0 | 5.85 | 5.85 | Urban Unrestricted | 72 | 7 | 22.92 | 0.78 | Rural Restricted | 72 | 4 | 15.92 | 2.30 |
| Rural Unrestricted | 73 | 0 | 5.96 | 5.96 | Urban Unrestricted | 73 | 7 | 23.05 | 0.76 | Rural Restricted | 73 | 4 | 16.20 | 2.28 |
| Rural Unrestricted | 74 | 0 | 6.20 | 6.20 | Urban Unrestricted | 74 | 7 | 23.08 | 0.77 | Rural Restricted | 74 | 4 | 16.52 | 2.31 |
| Rural Unrestricted | 75 | 0 | 6.87 | 6.87 | Urban Unrestricted | 75 | 7 | 22.78 | 0.85 | Rural Restricted | 75 | 4 | 16.83 | 2.47 |
| Urban Unrestricted | 1 | 0 | 63.50 | 63.50 | Rural Unrestricted | 1 | 8 | 70.48 | 29.13 | Urban Restricted | 1 | 4 | 68.56 | 39.87 |
| Urban Unrestricted | 2 | 0 | 31.83 | 31.83 | Rural Unrestricted | 2 | 8 | 36.19 | 14.74 | Urban Restricted | 2 | 4 | 34.87 | 20.19 |
| Urban Unrestricted | 3 | 0 | 22.03 | 22.03 | Rural Unrestricted | 3 | 8 | 28.71 | 10.59 | Urban Restricted | 3 | 4 | 25.73 | 14.39 |
| Urban Unrestricted | 4 | 0 | 17.56 | 17.56 | Rural Unrestricted | 4 | 8 | 26.38 | 8.69 | Urban Restricted | 4 | 4 | 21.76 | 11.63 |
| Urban Unrestricted | 5 | 0 | 15.01 | 15.01 | Rural Unrestricted | 5 | 8 | 25.07 | 7.49 | Urban Restricted | 5 | 4 | 19.45 | 9.94 |
| Urban Unrestricted | 6 | 0 | 13.49 | 13.49 | Rural Unrestricted | 6 | 8 | 24.29 | 6.60 | Urban Restricted | 6 | 4 | 17.99 | 8.78 |
| Urban Unrestricted | 7 | 0 | 12.40 | 12.40 | Rural Unrestricted | 7 | 8 | 23.73 | 5.96 | Urban Restricted | 7 | 4 | 16.95 | 7.95 |
| Urban Unrestricted | 8 | 0 | 11.58 | 11.58 | Rural Unrestricted | 8 | 8 | 23.31 | 5.48 | Urban Restricted | 8 | 4 | 16.18 | 7.33 |
| Urban Unrestricted | 9 | 0 | 10.94 | 10.94 | Rural Unrestricted | 9 | 8 | 22.98 | 5.11 | Urban Restricted | 9 | 4 | 15.50 | 6.86 |
| Urban Unrestricted | 10 | 0 | 10.44 | 10.44 | Rural Unrestricted | 10 | 8 | 22.71 | 4.82 | Urban Restricted | 10 | 4 | 14.81 | 6.54 |
| Urban Unrestricted | 11 | 0 | 10.04 | 10.04 | Rural Unrestricted | 11 | 8 | 22.59 | 4.57 | Urban Restricted | 11 | 4 | 14.30 | 6.25 |
| Urban Unrestricted | 12 | 0 | 9.75 | 9.75 | Rural Unrestricted | 12 | 8 | 22.70 | 4.37 | Urban Restricted | 12 | 4 | 13.97 | 5.96 |
| Urban Unrestricted | 13 | 0 | 9.50 | 9.50 | Rural Unrestricted | 13 | 8 | 22.79 | 4.19 | Urban Restricted | 13 | 4 | 13.69 | 5.72 |
| Urban Unrestricted | 14 | 0 | 9.30 | 9.30 | Rural Unrestricted | 14 | 8 | 22.86 | 4.04 | Urban Restricted | 14 | 4 | 13.46 | 5.50 |
| Urban Unrestricted | 15 | 0 | 9.11 | 9.11 | Rural Unrestricted | 15 | 8 | 22.93 | 3.91 | Urban Restricted | 15 | 4 | 13.25 | 5.32 |
| Urban Unrestricted | 16 | 0 | 8.97 | 8.97 | Rural Unrestricted | 16 | 8 | 22.97 | 3.80 | Urban Restricted | 16 | 4 | 13.14 | 5.12 |
| Urban Unrestricted | 17 | 0 | 8.86 | 8.86 | Rural Unrestricted | 17 | 8 | 22.97 | 3.68 | Urban Restricted | 17 | 4 | 13.23 | 4.86 |
| Urban Unrestricted | 18 | 0 | 8.76 | 8.76 | Rural Unrestricted | 18 | 8 | 22.97 | 3.58 | Urban Restricted | 18 | 4 | 13.31 | 4.62 |
| Urban Unrestricted | 19 | 0 | 8.61 | 8.61 | Rural Unrestricted | 19 | 8 | 23.14 | 3.44 | Urban Restricted | 19 | 4 | 13.39 | 4.41 |
| Urban Unrestricted | 20 | 0 | 8.40 | 8.40 | Rural Unrestricted | 20 | 8 | 23.52 | 3.26 | Urban Restricted | 20 | 4 | 13.45 | 4.22 |
| Urban Unrestricted | 21 | 0 | 8.19 | 8.19 | Rural Unrestricted | 21 | 8 | 23.85 | 3.08 | Urban Restricted | 21 | 4 | 13.48 | 4.05 |
| Urban Unrestricted | 22 | 0 | 7.94 | 7.94 | Rural Unrestricted | 22 | 8 | 24.11 | 2.89 | Urban Restricted | 22 | 4 | 13.50 | 3.88 |
| Urban Unrestricted | 23 | 0 | 7.71 | 7.71 | Rural Unrestricted | 23 | 8 | 24.36 | 2.72 | Urban Restricted | 23 | 4 | 13.52 | 3.73 |
| Urban Unrestricted | 24 | 0 | 7.50 | 7.50 | Rural Unrestricted | 24 | 8 | 24.58 | 2.56 | Urban Restricted | 24 | 4 | 13.54 | 3.59 |
| Urban Unrestricted | 25 | 0 | 7.35 | 7.35 | Rural Unrestricted | 25 | 8 | 24.76 | 2.44 | Urban Restricted | 25 | 4 | 13.49 | 3.53 |
| Urban Unrestricted | 26 | 0 | 7.29 | 7.29 | Rural Unrestricted | 26 | 8 | 24.62 | 2.37 | Urban Restricted | 26 | 4 | 13.38 | 3.54 |
| Urban Unrestricted | 27 | 0 | 7.27 | 7.27 | Rural Unrestricted | 27 | 8 | 24.31 | 2.31 | Urban Restricted | 27 | 4 | 13.28 | 3.55 |
| Urban Unrestricted | 28 | 0 | 7.25 | 7.25 | Rural Unrestricted | 28 | 8 | 24.02 | 2.25 | Urban Restricted | 28 | 4 | 13.19 | 3.55 |
| Urban Unrestricted | 29 | 0 | 7.23 | 7.23 | Rural Unrestricted | 29 | 8 | 23.75 | 2.20 | Urban Restricted | 29 | 4 | 13.10 | 3.56 |
| Urban Unrestricted | 30 | 0 | 7.21 | 7.21 | Rural Unrestricted | 30 | 8 | 23.50 | 2.15 | Urban Restricted | 30 | 4 | 13.02 | 3.57 |
| Urban Unrestricted | 31 | 0 | 7.19 | 7.19 | Rural Unrestricted | 31 | 8 | 23.27 | 2.10 | Urban Restricted | 31 | 4 | 13.02 | 3.57 |
| Urban Unrestricted | 32 | 0 | 7.00 | 7.00 | Rural Unrestricted | 32 | 8 | 23.32 | 2.01 | Urban Restricted | 32 | 4 | 12.94 | 3.49 |
| Urban Unrestricted | 33 | 0 | 6.69 | 6.69 | Rural Unrestricted | 33 | 8 | 23.21 | 1.88 | Urban Restricted | 33 | 4 | 12.70 | 3.33 |
| Urban Unrestricted | 34 | 0 | 6.39 | 6.39 | Rural Unrestricted | 34 | 8 | 23.10 | 1.76 | Urban Restricted | 34 | 4 | 12.47 | 3.18 |
| Urban Unrestricted | 35 | 0 | 6.21 | 6.21 | Rural Unrestricted | 35 | 8 | 23.14 | 1.68 | Urban Restricted | 35 | 4 | 12.41 | 3.10 |
| Urban Unrestricted | 36 | 0 | 6.10 | 6.10 | Rural Unrestricted | 36 | 8 | 23.27 | 1.62 | Urban Restricted | 36 | 4 | 12.45 | 3.07 |
| Urban Unrestricted | 37 | 0 | 5.99 | 5.99 | Rural Unrestricted | 37 | 8 | 23.39 | 1.57 | Urban Restricted | 37 | 4 | 12.49 | 3.04 |
| Urban Unrestricted | 38 | 0 | 5.89 | 5.89 | Rural Unrestricted | 38 | 8 | 23.51 | 1.52 | Urban Restricted | 38 | 4 | 12.53 | 3.01 |
| Urban Unrestricted | 39 | 0 | 5.80 | 5.80 | Rural Unrestricted | 39 | 8 | 23.62 | 1.47 | Urban Restricted | 39 | 4 | 12.56 | 2.98 |
| Urban Unrestricted | 40 | 0 | 5.71 | 5.71 | Rural Unrestricted | 40 | 8 | 23.72 | 1.42 | Urban Restricted | 40 | 4 | 12.59 | 2.95 |
| Urban Unrestricted | 41 | 0 | 5.62 | 5.62 | Rural Unrestricted | 41 | 8 | 23.82 | 1.38 | Urban Restricted | 41 | 4 | 12.62 | 2.92 |
| Urban Unrestricted | 42 | 0 | 5.54 | 5.54 | Rural Unrestricted | 42 | 8 | 23.91 | 1.34 | Urban Restricted | 42 | 4 | 12.65 | 2.90 |
| Urban Unrestricted | 43 | 0 | 5.46 | 5.46 | Rural Unrestricted | 43 | 8 | 24.00 | 1.30 | Urban Restricted | 43 | 4 | 12.68 | 2.87 |
| Urban Unrestricted | 44 | 0 | 5.40 | 5.40 | Rural Unrestricted | 44 | 8 | 24.09 | 1.26 | Urban Restricted | 44 | 4 | 12.71 | 2.85 |
| Urban Unrestricted | 45 | 0 | 5.35 | 5.35 | Rural Unrestricted | 45 | 8 | 24.14 | 1.22 | Urban Restricted | 45 | 4 | 12.71 | 2.83 |
| Urban Unrestricted | 46 | 0 | 5.29 | 5.29 | Rural Unrestricted | 46 | 8 | 24.16 | 1.18 | Urban Restricted | 46 | 4 | 12.69 | 2.82 |
| Urban Unrestricted | 47 | 0 | 5.24 | 5.24 | Rural Unrestricted | 47 | 8 | 24.19 | 1.15 | Urban Restricted | 47 | 4 | 12.69 | 2.79 |
| Urban Unrestricted | 48 | 0 | 5.19 | 5.19 | Rural Unrestricted | 48 | 8 | 24.21 | 1.11 | Urban Restricted | 48 | 4 | 12.68 | 2.76 |
| Urban Unrestricted | 49 | 0 | 5.14 | 5.14 | Rural Unrestricted | 49 | 8 | 24.23 | 1.08 | Urban Restricted | 49 | 4 | 12.68 | 2.74 |
| Urban Unrestricted | 50 | 0 | 5.09 | 5.09 | Rural Unrestricted | 50 | 8 | 24.16 | 1.05 | Urban Restricted | 50 | 4 | 12.68 | 2.71 |
| Urban Unrestricted | 51 | 0 | 5.04 | 5.04 | Rural Unrestricted | 51 | 8 | 24.09 | 1.02 | Urban Restricted | 51 | 4 | 12.67 | 2.69 |
| Urban Unrestricted | 52 | 0 | 5.00 | 5.00 | Rural Unrestricted | 52 | 8 | 24.03 | 0.99 | Urban Restricted | 52 | 4 | 12.67 | 2.67 |
| Urban Unrestricted | 53 | 0 | 4.96 | 4.96 | Rural Unrestricted | 53 | 8 | 23.96 | 0.97 | Urban Restricted | 53 | 4 | 12.67 | 2.64 |
| Urban Unrestricted | 54 | 0 | 4.95 | 4.95 | Rural Unrestricted | 54 | 8 | 23.90 | 0.94 | Urban Restricted | 54 | 4 | 12.67 | 2.62 |
| Urban Unrestricted | 55 | 0 | 4.94 | 4.94 | Rural Unrestricted | 55 | 8 | 23.84 | 0.92 | Urban Restricted | 55 | 4 | 12.67 | 2.60 |
| Urban Unrestricted | 56 | 0 | 4.92 | 4.92 | Rural Unrestricted | 56 | 8 | 23.81 | 0.90 | Urban Restricted | 56 | 4 | 12.67 | 2.58 |
| Urban Unrestricted | 57 | 0 | 4.89 | 4.89 | Rural Unrestricted | 57 | 8 | 23.79 | 0.88 | Urban Restricted | 57 | 4 | 12.69 | 2.55 |
| Urban Unrestricted | 58 | 0 | 4.87 | 4.87 | Rural Unrestricted | 58 | 8 | 23.78 | 0.86 | Urban Restricted | 58 | 4 | 12.70 | 2.53 |
| Urban Unrestricted | 59 | 0 | 4.84 | 4.84 | Rural Unrestricted | 59 | 8 | 23.76 | 0.84 | Urban Restricted | 59 | 4 | 12.74 | 2.51 |
| Urban Unrestricted | 60 | 0 | 4.81 | 4.81 | Rural Unrestricted | 60 | 8 | 23.74 | 0.83 | Urban Restricted | 60 | 4 | 12.85 | 2.50 |
| Urban Unrestricted | 61 | 0 | 4.83 | 4.83 | Rural Unrestricted | 61 | 8 | 23.77 | 0.81 | Urban Restricted | 61 | 4 | 12.99 | 2.47 |
| Urban Unrestricted | 62 | 0 | 4.86 | 4.86 | Rural Unrestricted | 62 | 8 | 23.82 | 0.80 | Urban Restricted | 62 | 4 | 13.14 | 2.45 |
| Urban Unrestricted | 63 | 0 | 4.90 | 4.90 | Rural Unrestricted | 63 | 8 | 23.86 | 0.78 | Urban Restricted | 63 | 4 | 13.29 | 2.42 |
| Urban Unrestricted | 64 | 0 | 4.97 | 4.97 | Rural Unrestricted | 64 | 8 | 23.90 | 0.76 | Urban Restricted | 64 | 4 | 13.43 | 2.40 |
| Urban Unrestricted | 65 | 0 | 5.09 | 5.09 | Rural Unrestricted | 65 | 8 | 23.93 | 0.74 | Urban Restricted | 65 | 4 | 13.74 | 2.39 |
| Urban Unrestricted | 66 | 0 | 5.20 | 5.20 | Rural Unrestricted | 66 | 8 | 23.95 | 0.72 | Urban Restricted | 66 | 4 | 14.14 | 2.40 |
| Urban Unrestricted | 67 | 0 | 5.32 | 5.32 | Rural Unrestricted | 67 | 8 | 23.98 | 0.71 | Urban Restricted | 67 | 4 | 14.49 | 2.38 |
| Urban Unrestricted | 68 | 0 | 5.43 | 5.43 | Rural Unrestricted | 68 | 8 | 24.00 | 0.69 | Urban Restricted | 68 | 4 | 14.80 | 2.36 |
| Urban Unrestricted | 69 | 0 | 5.53 | 5.53 | Rural Unrestricted | 69 | 8 | 24.02 | 0.67 | Urban Restricted | 69 | 4 | 15.10 | 2.35 |
| Urban Unrestricted | 70 | 0 | 5.64 | 5.64 | Rural Unrestricted | 70 | 8 | 24.04 | 0.65 | Urban Restricted | 70 | 4 | 15.40 | 2.33 |
| Urban Unrestricted | 71 | 0 | 5.74 | 5.74 | Rural Unrestricted | 71 | 8 | 24.06 | 0.63 | Urban Restricted | 71 | 4 | 15.68 | 2.31 |
| Urban Unrestricted | 72 | 0 | 5.84 | 5.84 | Rural Unrestricted | 72 | 8 | 24.08 | 0.62 | Urban Restricted | 72 | 4 | 15.96 | 2.29 |
| Urban Unrestricted | 73 | 0 | 5.94 | 5.94 | Rural Unrestricted | 73 | 8 | 24.11 | 0.60 | Urban Restricted | 73 | 4 | 16.24 | 2.27 |
| Urban Unrestricted | 74 | 0 | 6.19 | 6.19 | Rural Unrestricted | 74 | 8 | 24.11 | 0.60 | Urban Restricted | 74 | 4 | 16.56 | 2.29 |
| Urban Unrestricted | 75 | 0 | 6.86 | 6.86 | Rural Unrestricted | 75 | 8 | 23.94 | 0.64 | Urban Restricted | 75 | 4 | 16.87 | 2.46 |
| Rural Unrestricted | 1 | 1 | 65.92 | 48.31 | Urban Unrestricted | 1 | 8 | 70.27 | 28.94 | Rural Restricted | 1 | 5 | 69.46 | 32.28 |
| Rural Unrestricted | 2 | 1 | 33.15 | 24.67 | Urban Unrestricted | 2 | 8 | 36.08 | 14.65 | Rural Restricted | 2 | 5 | 35.43 | 16.43 |
| Rural Unrestricted | 3 | 1 | 23.27 | 18.42 | Urban Unrestricted | 3 | 8 | 28.64 | 10.52 | Rural Restricted | 3 | 5 | 26.58 | 12.02 |
| Rural Unrestricted | 4 | 1 | 18.80 | 15.66 | Urban Unrestricted | 4 | 8 | 26.33 | 8.64 | Rural Restricted | 4 | 5 | 22.88 | 10.00 |
| Rural Unrestricted | 5 | 1 | 16.23 | 13.83 | Urban Unrestricted | 5 | 8 | 25.02 | 7.45 | Rural Restricted | 5 | 5 | 20.73 | 8.73 |
| Rural Unrestricted | 6 | 1 | 14.65 | 12.38 | Urban Unrestricted | 6 | 8 | 24.25 | 6.56 | Rural Restricted | 6 | 5 | 19.37 | 7.79 |
| Rural Unrestricted | 7 | 1 | 13.52 | 11.34 | Urban Unrestricted | 7 | 8 | 23.69 | 5.93 | Rural Restricted | 7 | 5 | 18.40 | 7.12 |
| Rural Unrestricted | 8 | 1 | 12.67 | 10.56 | Urban Unrestricted | 8 | 8 | 23.28 | 5.46 | Rural Restricted | 8 | 5 | 17.67 | 6.62 |
| Rural Unrestricted | 9 | 1 | 12.01 | 9.95 | Urban Unrestricted | 9 | 8 | 22.95 | 5.09 | Rural Restricted | 9 | 5 | 17.01 | 6.23 |
| Rural Unrestricted | 10 | 1 | 11.48 | 9.47 | Urban Unrestricted | 10 | 8 | 22.69 | 4.80 | Rural Restricted | 10 | 5 | 16.26 | 5.93 |
| Rural Unrestricted | 11 | 1 | 11.11 | 9.07 | Urban Unrestricted | 11 | 8 | 22.57 | 4.55 | Rural Restricted | 11 | 5 | 15.73 | 5.66 |
| Rural Unrestricted | 12 | 1 | 10.93 | 8.75 | Urban Unrestricted | 12 | 8 | 22.68 | 4.35 | Rural Restricted | 12 | 5 | 15.43 | 5.38 |
| Rural Unrestricted | 13 | 1 | 10.78 | 8.48 | Urban Unrestricted | 13 | 8 | 22.77 | 4.18 | Rural Restricted | 13 | 5 | 15.18 | 5.15 |
| Rural Unrestricted | 14 | 1 | 10.66 | 8.25 | Urban Unrestricted | 14 | 8 | 22.85 | 4.03 | Rural Restricted | 14 | 5 | 14.97 | 4.94 |
| Rural Unrestricted | 15 | 1 | 10.54 | 8.05 | Urban Unrestricted | 15 | 8 | 22.91 | 3.90 | Rural Restricted | 15 | 5 | 14.78 | 4.77 |
| Rural Unrestricted | 16 | 1 | 10.43 | 7.88 | Urban Unrestricted | 16 | 8 | 22.95 | 3.78 | Rural Restricted | 16 | 5 | 14.70 | 4.58 |
| Rural Unrestricted | 17 | 1 | 10.31 | 7.74 | Urban Unrestricted | 17 | 8 | 22.95 | 3.67 | Rural Restricted | 17 | 5 | 14.87 | 4.32 |
| Rural Unrestricted | 18 | 1 | 10.20 | 7.61 | Urban Unrestricted | 18 | 8 | 22.95 | 3.57 | Rural Restricted | 18 | 5 | 15.01 | 4.09 |
| Rural Unrestricted | 19 | 1 | 10.06 | 7.43 | Urban Unrestricted | 19 | 8 | 23.12 | 3.43 | Rural Restricted | 19 | 5 | 15.14 | 3.88 |
| Rural Unrestricted | 20 | 1 | 9.87 | 7.19 | Urban Unrestricted | 20 | 8 | 23.50 | 3.25 | Rural Restricted | 20 | 5 | 15.26 | 3.70 |
| Rural Unrestricted | 21 | 1 | 9.68 | 6.96 | Urban Unrestricted | 21 | 8 | 23.84 | 3.07 | Rural Restricted | 21 | 5 | 15.33 | 3.54 |
| Rural Unrestricted | 22 | 1 | 9.44 | 6.76 | Urban Unrestricted | 22 | 8 | 24.11 | 2.88 | Rural Restricted | 22 | 5 | 15.37 | 3.38 |
| Rural Unrestricted | 23 | 1 | 9.23 | 6.58 | Urban Unrestricted | 23 | 8 | 24.35 | 2.71 | Rural Restricted | 23 | 5 | 15.41 | 3.24 |
| Rural Unrestricted | 24 | 1 | 9.03 | 6.41 | Urban Unrestricted | 24 | 8 | 24.57 | 2.55 | Rural Restricted | 24 | 5 | 15.45 | 3.11 |
| Rural Unrestricted | 25 | 1 | 8.88 | 6.28 | Urban Unrestricted | 25 | 8 | 24.76 | 2.43 | Rural Restricted | 25 | 5 | 15.42 | 3.05 |
| Rural Unrestricted | 26 | 1 | 8.80 | 6.21 | Urban Unrestricted | 26 | 8 | 24.61 | 2.36 | Rural Restricted | 26 | 5 | 15.33 | 3.05 |
| Rural Unrestricted | 27 | 1 | 8.73 | 6.18 | Urban Unrestricted | 27 | 8 | 24.30 | 2.30 | Rural Restricted | 27 | 5 | 15.25 | 3.05 |
| Rural Unrestricted | 28 | 1 | 8.67 | 6.15 | Urban Unrestricted | 28 | 8 | 24.02 | 2.24 | Rural Restricted | 28 | 5 | 15.18 | 3.05 |
| Rural Unrestricted | 29 | 1 | 8.62 | 6.12 | Urban Unrestricted | 29 | 8 | 23.75 | 2.19 | Rural Restricted | 29 | 5 | 15.11 | 3.05 |
| Rural Unrestricted | 30 | 1 | 8.56 | 6.09 | Urban Unrestricted | 30 | 8 | 23.50 | 2.14 | Rural Restricted | 30 | 5 | 15.05 | 3.05 |
| Rural Unrestricted | 31 | 1 | 8.52 | 6.07 | Urban Unrestricted | 31 | 8 | 23.26 | 2.09 | Rural Restricted | 31 | 5 | 15.08 | 3.05 |
| Rural Unrestricted | 32 | 1 | 8.30 | 5.89 | Urban Unrestricted | 32 | 8 | 23.24 | 2.00 | Rural Restricted | 32 | 5 | 15.04 | 2.96 |
| Rural Unrestricted | 33 | 1 | 7.93 | 5.60 | Urban Unrestricted | 33 | 8 | 23.05 | 1.86 | Rural Restricted | 33 | 5 | 14.87 | 2.79 |
| Rural Unrestricted | 34 | 1 | 7.59 | 5.32 | Urban Unrestricted | 34 | 8 | 22.88 | 1.73 | Rural Restricted | 34 | 5 | 14.70 | 2.62 |
| Rural Unrestricted | 35 | 1 | 7.40 | 5.16 | Urban Unrestricted | 35 | 8 | 22.85 | 1.65 | Rural Restricted | 35 | 5 | 14.68 | 2.55 |
| Rural Unrestricted | 36 | 1 | 7.32 | 5.08 | Urban Unrestricted | 36 | 8 | 22.92 | 1.59 | Rural Restricted | 36 | 5 | 14.75 | 2.52 |
| Rural Unrestricted | 37 | 1 | 7.24 | 4.99 | Urban Unrestricted | 37 | 8 | 22.99 | 1.53 | Rural Restricted | 37 | 5 | 14.81 | 2.50 |
| Rural Unrestricted | 38 | 1 | 7.16 | 4.92 | Urban Unrestricted | 38 | 8 | 23.05 | 1.48 | Rural Restricted | 38 | 5 | 14.86 | 2.48 |
| Rural Unrestricted | 39 | 1 | 7.09 | 4.84 | Urban Unrestricted | 39 | 8 | 23.10 | 1.43 | Rural Restricted | 39 | 5 | 14.92 | 2.46 |
| Rural Unrestricted | 40 | 1 | 7.02 | 4.77 | Urban Unrestricted | 40 | 8 | 23.16 | 1.38 | Rural Restricted | 40 | 5 | 14.97 | 2.45 |
| Rural Unrestricted | 41 | 1 | 6.95 | 4.70 | Urban Unrestricted | 41 | 8 | 23.21 | 1.33 | Rural Restricted | 41 | 5 | 15.02 | 2.43 |
| Rural Unrestricted | 42 | 1 | 6.89 | 4.64 | Urban Unrestricted | 42 | 8 | 23.26 | 1.29 | Rural Restricted | 42 | 5 | 15.07 | 2.41 |
| Rural Unrestricted | 43 | 1 | 6.83 | 4.58 | Urban Unrestricted | 43 | 8 | 23.30 | 1.24 | Rural Restricted | 43 | 5 | 15.11 | 2.40 |
| Rural Unrestricted | 44 | 1 | 6.78 | 4.52 | Urban Unrestricted | 44 | 8 | 23.36 | 1.21 | Rural Restricted | 44 | 5 | 15.16 | 2.38 |
| Rural Unrestricted | 45 | 1 | 6.71 | 4.46 | Urban Unrestricted | 45 | 8 | 23.40 | 1.17 | Rural Restricted | 45 | 5 | 15.17 | 2.37 |
| Rural Unrestricted | 46 | 1 | 6.63 | 4.41 | Urban Unrestricted | 46 | 8 | 23.40 | 1.13 | Rural Restricted | 46 | 5 | 15.16 | 2.35 |
| Rural Unrestricted | 47 | 1 | 6.56 | 4.35 | Urban Unrestricted | 47 | 8 | 23.41 | 1.10 | Rural Restricted | 47 | 5 | 15.15 | 2.32 |
| Rural Unrestricted | 48 | 1 | 6.48 | 4.30 | Urban Unrestricted | 48 | 8 | 23.41 | 1.06 | Rural Restricted | 48 | 5 | 15.15 | 2.28 |
| Rural Unrestricted | 49 | 1 | 6.42 | 4.25 | Urban Unrestricted | 49 | 8 | 23.42 | 1.03 | Rural Restricted | 49 | 5 | 15.15 | 2.25 |
| Rural Unrestricted | 50 | 1 | 6.39 | 4.23 | Urban Unrestricted | 50 | 8 | 23.42 | 1.00 | Rural Restricted | 50 | 5 | 15.14 | 2.22 |
| Rural Unrestricted | 51 | 1 | 6.37 | 4.21 | Urban Unrestricted | 51 | 8 | 23.43 | 0.97 | Rural Restricted | 51 | 5 | 15.14 | 2.19 |
| Rural Unrestricted | 52 | 1 | 6.35 | 4.19 | Urban Unrestricted | 52 | 8 | 23.43 | 0.94 | Rural Restricted | 52 | 5 | 15.13 | 2.16 |
| Rural Unrestricted | 53 | 1 | 6.33 | 4.17 | Urban Unrestricted | 53 | 8 | 23.44 | 0.91 | Rural Restricted | 53 | 5 | 15.13 | 2.13 |
| Rural Unrestricted | 54 | 1 | 6.31 | 4.15 | Urban Unrestricted | 54 | 8 | 23.43 | 0.89 | Rural Restricted | 54 | 5 | 15.13 | 2.11 |
| Rural Unrestricted | 55 | 1 | 6.29 | 4.13 | Urban Unrestricted | 55 | 8 | 23.43 | 0.87 | Rural Restricted | 55 | 5 | 15.12 | 2.08 |
| Rural Unrestricted | 56 | 1 | 6.26 | 4.10 | Urban Unrestricted | 56 | 8 | 23.45 | 0.86 | Rural Restricted | 56 | 5 | 15.12 | 2.05 |
| Rural Unrestricted | 57 | 1 | 6.23 | 4.08 | Urban Unrestricted | 57 | 8 | 23.49 | 0.85 | Rural Restricted | 57 | 5 | 15.11 | 2.01 |
| Rural Unrestricted | 58 | 1 | 6.20 | 4.05 | Urban Unrestricted | 58 | 8 | 23.53 | 0.83 | Rural Restricted | 58 | 5 | 15.10 | 1.98 |
| Rural Unrestricted | 59 | 1 | 6.17 | 4.02 | Urban Unrestricted | 59 | 8 | 23.56 | 0.82 | Rural Restricted | 59 | 5 | 15.13 | 1.95 |
| Rural Unrestricted | 60 | 1 | 6.14 | 4.00 | Urban Unrestricted | 60 | 8 | 23.59 | 0.81 | Rural Restricted | 60 | 5 | 15.32 | 1.93 |
| Rural Unrestricted | 61 | 1 | 6.18 | 3.99 | Urban Unrestricted | 61 | 8 | 23.66 | 0.80 | Rural Restricted | 61 | 5 | 15.56 | 1.91 |
| Rural Unrestricted | 62 | 1 | 6.27 | 3.99 | Urban Unrestricted | 62 | 8 | 23.76 | 0.78 | Rural Restricted | 62 | 5 | 15.83 | 1.88 |
| Rural Unrestricted | 63 | 1 | 6.35 | 3.98 | Urban Unrestricted | 63 | 8 | 23.85 | 0.77 | Rural Restricted | 63 | 5 | 16.10 | 1.86 |
| Rural Unrestricted | 64 | 1 | 6.49 | 4.00 | Urban Unrestricted | 64 | 8 | 23.92 | 0.76 | Rural Restricted | 64 | 5 | 16.36 | 1.84 |
| Rural Unrestricted | 65 | 1 | 6.72 | 4.05 | Urban Unrestricted | 65 | 8 | 23.94 | 0.74 | Rural Restricted | 65 | 5 | 16.65 | 1.83 |
| Rural Unrestricted | 66 | 1 | 6.94 | 4.10 | Urban Unrestricted | 66 | 8 | 23.97 | 0.72 | Rural Restricted | 66 | 5 | 16.95 | 1.83 |
| Rural Unrestricted | 67 | 1 | 7.16 | 4.15 | Urban Unrestricted | 67 | 8 | 23.99 | 0.70 | Rural Restricted | 67 | 5 | 17.28 | 1.82 |
| Rural Unrestricted | 68 | 1 | 7.37 | 4.20 | Urban Unrestricted | 68 | 8 | 24.02 | 0.68 | Rural Restricted | 68 | 5 | 17.60 | 1.80 |
| Rural Unrestricted | 69 | 1 | 7.57 | 4.24 | Urban Unrestricted | 69 | 8 | 24.04 | 0.66 | Rural Restricted | 69 | 5 | 17.92 | 1.78 |
| Rural Unrestricted | 70 | 1 | 7.77 | 4.29 | Urban Unrestricted | 70 | 8 | 24.06 | 0.65 | Rural Restricted | 70 | 5 | 18.23 | 1.76 |
| Rural Unrestricted | 71 | 1 | 7.96 | 4.33 | Urban Unrestricted | 71 | 8 | 24.08 | 0.63 | Rural Restricted | 71 | 5 | 18.53 | 1.74 |
| Rural Unrestricted | 72 | 1 | 8.15 | 4.37 | Urban Unrestricted | 72 | 8 | 24.10 | 0.61 | Rural Restricted | 72 | 5 | 18.82 | 1.72 |
| Rural Unrestricted | 73 | 1 | 8.34 | 4.42 | Urban Unrestricted | 73 | 8 | 24.13 | 0.60 | Rural Restricted | 73 | 5 | 19.11 | 1.70 |
| Rural Unrestricted | 74 | 1 | 8.65 | 4.55 | Urban Unrestricted | 74 | 8 | 24.13 | 0.59 | Rural Restricted | 74 | 5 | 19.34 | 1.70 |
| Rural Unrestricted | 75 | 1 | 9.31 | 4.98 | Urban Unrestricted | 75 | 8 | 23.96 | 0.63 | Rural Restricted | 75 | 5 | 19.27 | 1.79 |
| Urban Unrestricted | 1 | 1 | 65.72 | 48.13 | Rural Unrestricted | 1 | 9 | 71.10 | 27.05 | Urban Restricted | 1 | 5 | 69.32 | 32.16 |
| Urban Unrestricted | 2 | 1 | 33.05 | 24.58 | Rural Unrestricted | 2 | 9 | 36.58 | 13.70 | Urban Restricted | 2 | 5 | 35.35 | 16.37 |
| Urban Unrestricted | 3 | 1 | 23.20 | 18.35 | Rural Unrestricted | 3 | 9 | 29.46 | 9.88 | Urban Restricted | 3 | 5 | 26.52 | 11.98 |
| Urban Unrestricted | 4 | 1 | 18.75 | 15.62 | Rural Unrestricted | 4 | 9 | 27.49 | 8.16 | Urban Restricted | 4 | 5 | 22.84 | 9.97 |
| Urban Unrestricted | 5 | 1 | 16.18 | 13.79 | Rural Unrestricted | 5 | 9 | 26.43 | 7.04 | Urban Restricted | 5 | 5 | 20.69 | 8.69 |
| Urban Unrestricted | 6 | 1 | 14.61 | 12.34 | Rural Unrestricted | 6 | 9 | 25.85 | 6.20 | Urban Restricted | 6 | 5 | 19.33 | 7.76 |
| Urban Unrestricted | 7 | 1 | 13.48 | 11.31 | Rural Unrestricted | 7 | 9 | 25.44 | 5.60 | Urban Restricted | 7 | 5 | 18.36 | 7.10 |
| Urban Unrestricted | 8 | 1 | 12.64 | 10.53 | Rural Unrestricted | 8 | 9 | 25.13 | 5.14 | Urban Restricted | 8 | 5 | 17.64 | 6.60 |
| Urban Unrestricted | 9 | 1 | 11.98 | 9.93 | Rural Unrestricted | 9 | 9 | 24.88 | 4.79 | Urban Restricted | 9 | 5 | 16.98 | 6.21 |
| Urban Unrestricted | 10 | 1 | 11.45 | 9.44 | Rural Unrestricted | 10 | 9 | 24.69 | 4.51 | Urban Restricted | 10 | 5 | 16.23 | 5.92 |
| Urban Unrestricted | 11 | 1 | 11.08 | 9.05 | Rural Unrestricted | 11 | 9 | 24.62 | 4.28 | Urban Restricted | 11 | 5 | 15.70 | 5.65 |
| Urban Unrestricted | 12 | 1 | 10.91 | 8.73 | Rural Unrestricted | 12 | 9 | 24.79 | 4.08 | Urban Restricted | 12 | 5 | 15.40 | 5.37 |
| Urban Unrestricted | 13 | 1 | 10.76 | 8.46 | Rural Unrestricted | 13 | 9 | 24.93 | 3.92 | Urban Restricted | 13 | 5 | 15.15 | 5.13 |
| Urban Unrestricted | 14 | 1 | 10.64 | 8.23 | Rural Unrestricted | 14 | 9 | 25.05 | 3.78 | Urban Restricted | 14 | 5 | 14.94 | 4.93 |
| Urban Unrestricted | 15 | 1 | 10.53 | 8.03 | Rural Unrestricted | 15 | 9 | 25.15 | 3.66 | Urban Restricted | 15 | 5 | 14.75 | 4.76 |
| Urban Unrestricted | 16 | 1 | 10.41 | 7.87 | Rural Unrestricted | 16 | 9 | 25.20 | 3.54 | Urban Restricted | 16 | 5 | 14.67 | 4.57 |
| Urban Unrestricted | 17 | 1 | 10.29 | 7.72 | Rural Unrestricted | 17 | 9 | 25.19 | 3.44 | Urban Restricted | 17 | 5 | 14.84 | 4.31 |
| Urban Unrestricted | 18 | 1 | 10.18 | 7.60 | Rural Unrestricted | 18 | 9 | 25.18 | 3.35 | Urban Restricted | 18 | 5 | 14.98 | 4.08 |
| Urban Unrestricted | 19 | 1 | 10.04 | 7.42 | Rural Unrestricted | 19 | 9 | 25.46 | 3.22 | Urban Restricted | 19 | 5 | 15.12 | 3.87 |
| Urban Unrestricted | 20 | 1 | 9.85 | 7.17 | Rural Unrestricted | 20 | 9 | 26.07 | 3.03 | Urban Restricted | 20 | 5 | 15.24 | 3.69 |
| Urban Unrestricted | 21 | 1 | 9.66 | 6.95 | Rural Unrestricted | 21 | 9 | 26.63 | 2.86 | Urban Restricted | 21 | 5 | 15.31 | 3.53 |
| Urban Unrestricted | 22 | 1 | 9.43 | 6.75 | Rural Unrestricted | 22 | 9 | 27.12 | 2.67 | Urban Restricted | 22 | 5 | 15.35 | 3.37 |
| Urban Unrestricted | 23 | 1 | 9.21 | 6.56 | Rural Unrestricted | 23 | 9 | 27.57 | 2.50 | Urban Restricted | 23 | 5 | 15.39 | 3.23 |
| Urban Unrestricted | 24 | 1 | 9.01 | 6.40 | Rural Unrestricted | 24 | 9 | 27.98 | 2.35 | Urban Restricted | 24 | 5 | 15.42 | 3.11 |
| Urban Unrestricted | 25 | 1 | 8.86 | 6.26 | Rural Unrestricted | 25 | 9 | 28.32 | 2.23 | Urban Restricted | 25 | 5 | 15.40 | 3.04 |
| Urban Unrestricted | 26 | 1 | 8.78 | 6.20 | Rural Unrestricted | 26 | 9 | 28.16 | 2.14 | Urban Restricted | 26 | 5 | 15.31 | 3.04 |
| Urban Unrestricted | 27 | 1 | 8.71 | 6.16 | Rural Unrestricted | 27 | 9 | 27.73 | 2.07 | Urban Restricted | 27 | 5 | 15.23 | 3.04 |
| Urban Unrestricted | 28 | 1 | 8.65 | 6.13 | Rural Unrestricted | 28 | 9 | 27.34 | 2.00 | Urban Restricted | 28 | 5 | 15.16 | 3.04 |
| Urban Unrestricted | 29 | 1 | 8.60 | 6.10 | Rural Unrestricted | 29 | 9 | 26.97 | 1.94 | Urban Restricted | 29 | 5 | 15.09 | 3.04 |
| Urban Unrestricted | 30 | 1 | 8.55 | 6.08 | Rural Unrestricted | 30 | 9 | 26.63 | 1.88 | Urban Restricted | 30 | 5 | 15.03 | 3.04 |
| Urban Unrestricted | 31 | 1 | 8.50 | 6.05 | Rural Unrestricted | 31 | 9 | 26.31 | 1.83 | Urban Restricted | 31 | 5 | 15.06 | 3.04 |
| Urban Unrestricted | 32 | 1 | 8.29 | 5.87 | Rural Unrestricted | 32 | 9 | 26.30 | 1.75 | Urban Restricted | 32 | 5 | 15.03 | 2.95 |
| Urban Unrestricted | 33 | 1 | 7.92 | 5.58 | Rural Unrestricted | 33 | 9 | 26.14 | 1.65 | Urban Restricted | 33 | 5 | 14.86 | 2.78 |
| Urban Unrestricted | 34 | 1 | 7.58 | 5.30 | Rural Unrestricted | 34 | 9 | 26.00 | 1.56 | Urban Restricted | 34 | 5 | 14.70 | 2.62 |
| Urban Unrestricted | 35 | 1 | 7.39 | 5.14 | Rural Unrestricted | 35 | 9 | 25.99 | 1.49 | Urban Restricted | 35 | 5 | 14.68 | 2.54 |
| Urban Unrestricted | 36 | 1 | 7.31 | 5.05 | Rural Unrestricted | 36 | 9 | 26.07 | 1.43 | Urban Restricted | 36 | 5 | 14.74 | 2.52 |
| Urban Unrestricted | 37 | 1 | 7.23 | 4.96 | Rural Unrestricted | 37 | 9 | 26.15 | 1.38 | Urban Restricted | 37 | 5 | 14.80 | 2.50 |
| Urban Unrestricted | 38 | 1 | 7.15 | 4.88 | Rural Unrestricted | 38 | 9 | 26.22 | 1.34 | Urban Restricted | 38 | 5 | 14.86 | 2.48 |
| Urban Unrestricted | 39 | 1 | 7.08 | 4.81 | Rural Unrestricted | 39 | 9 | 26.28 | 1.29 | Urban Restricted | 39 | 5 | 14.92 | 2.46 |
| Urban Unrestricted | 40 | 1 | 7.01 | 4.73 | Rural Unrestricted | 40 | 9 | 26.35 | 1.25 | Urban Restricted | 40 | 5 | 14.97 | 2.44 |
| Urban Unrestricted | 41 | 1 | 6.95 | 4.66 | Rural Unrestricted | 41 | 9 | 26.41 | 1.21 | Urban Restricted | 41 | 5 | 15.02 | 2.42 |
| Urban Unrestricted | 42 | 1 | 6.89 | 4.60 | Rural Unrestricted | 42 | 9 | 26.47 | 1.17 | Urban Restricted | 42 | 5 | 15.07 | 2.40 |
| Urban Unrestricted | 43 | 1 | 6.83 | 4.54 | Rural Unrestricted | 43 | 9 | 26.52 | 1.13 | Urban Restricted | 43 | 5 | 15.12 | 2.39 |
| Urban Unrestricted | 44 | 1 | 6.77 | 4.48 | Rural Unrestricted | 44 | 9 | 26.57 | 1.10 | Urban Restricted | 44 | 5 | 15.16 | 2.37 |
| Urban Unrestricted | 45 | 1 | 6.69 | 4.42 | Rural Unrestricted | 45 | 9 | 26.60 | 1.06 | Urban Restricted | 45 | 5 | 15.18 | 2.36 |
| Urban Unrestricted | 46 | 1 | 6.61 | 4.37 | Rural Unrestricted | 46 | 9 | 26.59 | 1.03 | Urban Restricted | 46 | 5 | 15.17 | 2.34 |
| Urban Unrestricted | 47 | 1 | 6.53 | 4.32 | Rural Unrestricted | 47 | 9 | 26.58 | 1.00 | Urban Restricted | 47 | 5 | 15.16 | 2.31 |
| Urban Unrestricted | 48 | 1 | 6.45 | 4.27 | Rural Unrestricted | 48 | 9 | 26.58 | 0.97 | Urban Restricted | 48 | 5 | 15.16 | 2.27 |
| Urban Unrestricted | 49 | 1 | 6.38 | 4.22 | Rural Unrestricted | 49 | 9 | 26.57 | 0.94 | Urban Restricted | 49 | 5 | 15.16 | 2.24 |
| Urban Unrestricted | 50 | 1 | 6.31 | 4.17 | Rural Unrestricted | 50 | 9 | 26.48 | 0.91 | Urban Restricted | 50 | 5 | 15.16 | 2.21 |
| Urban Unrestricted | 51 | 1 | 6.24 | 4.13 | Rural Unrestricted | 51 | 9 | 26.39 | 0.89 | Urban Restricted | 51 | 5 | 15.15 | 2.18 |
| Urban Unrestricted | 52 | 1 | 6.17 | 4.09 | Rural Unrestricted | 52 | 9 | 26.30 | 0.86 | Urban Restricted | 52 | 5 | 15.15 | 2.15 |
| Urban Unrestricted | 53 | 1 | 6.12 | 4.05 | Rural Unrestricted | 53 | 9 | 26.22 | 0.84 | Urban Restricted | 53 | 5 | 15.15 | 2.12 |
| Urban Unrestricted | 54 | 1 | 6.12 | 4.04 | Rural Unrestricted | 54 | 9 | 26.14 | 0.82 | Urban Restricted | 54 | 5 | 15.15 | 2.10 |
| Urban Unrestricted | 55 | 1 | 6.12 | 4.03 | Rural Unrestricted | 55 | 9 | 26.06 | 0.80 | Urban Restricted | 55 | 5 | 15.14 | 2.07 |
| Urban Unrestricted | 56 | 1 | 6.12 | 4.02 | Rural Unrestricted | 56 | 9 | 26.00 | 0.78 | Urban Restricted | 56 | 5 | 15.14 | 2.04 |
| Urban Unrestricted | 57 | 1 | 6.10 | 4.00 | Rural Unrestricted | 57 | 9 | 25.95 | 0.76 | Urban Restricted | 57 | 5 | 15.13 | 2.00 |
| Urban Unrestricted | 58 | 1 | 6.09 | 3.99 | Rural Unrestricted | 58 | 9 | 25.90 | 0.75 | Urban Restricted | 58 | 5 | 15.12 | 1.97 |
| Urban Unrestricted | 59 | 1 | 6.07 | 3.97 | Rural Unrestricted | 59 | 9 | 25.85 | 0.73 | Urban Restricted | 59 | 5 | 15.16 | 1.94 |
| Urban Unrestricted | 60 | 1 | 6.06 | 3.95 | Rural Unrestricted | 60 | 9 | 25.80 | 0.72 | Urban Restricted | 60 | 5 | 15.34 | 1.92 |
| Urban Unrestricted | 61 | 1 | 6.12 | 3.95 | Rural Unrestricted | 61 | 9 | 25.80 | 0.70 | Urban Restricted | 61 | 5 | 15.58 | 1.90 |
| Urban Unrestricted | 62 | 1 | 6.22 | 3.95 | Rural Unrestricted | 62 | 9 | 25.83 | 0.69 | Urban Restricted | 62 | 5 | 15.86 | 1.87 |
| Urban Unrestricted | 63 | 1 | 6.32 | 3.96 | Rural Unrestricted | 63 | 9 | 25.86 | 0.67 | Urban Restricted | 63 | 5 | 16.13 | 1.85 |
| Urban Unrestricted | 64 | 1 | 6.47 | 3.98 | Rural Unrestricted | 64 | 9 | 25.86 | 0.66 | Urban Restricted | 64 | 5 | 16.39 | 1.83 |
| Urban Unrestricted | 65 | 1 | 6.70 | 4.03 | Rural Unrestricted | 65 | 9 | 25.78 | 0.64 | Urban Restricted | 65 | 5 | 16.68 | 1.82 |
| Urban Unrestricted | 66 | 1 | 6.92 | 4.08 | Rural Unrestricted | 66 | 9 | 25.70 | 0.63 | Urban Restricted | 66 | 5 | 16.99 | 1.82 |
| Urban Unrestricted | 67 | 1 | 7.14 | 4.13 | Rural Unrestricted | 67 | 9 | 25.62 | 0.61 | Urban Restricted | 67 | 5 | 17.31 | 1.81 |
| Urban Unrestricted | 68 | 1 | 7.35 | 4.18 | Rural Unrestricted | 68 | 9 | 25.55 | 0.60 | Urban Restricted | 68 | 5 | 17.64 | 1.79 |
| Urban Unrestricted | 69 | 1 | 7.55 | 4.22 | Rural Unrestricted | 69 | 9 | 25.48 | 0.58 | Urban Restricted | 69 | 5 | 17.96 | 1.77 |
| Urban Unrestricted | 70 | 1 | 7.75 | 4.27 | Rural Unrestricted | 70 | 9 | 25.41 | 0.57 | Urban Restricted | 70 | 5 | 18.27 | 1.75 |
| Urban Unrestricted | 71 | 1 | 7.95 | 4.31 | Rural Unrestricted | 71 | 9 | 25.34 | 0.55 | Urban Restricted | 71 | 5 | 18.57 | 1.73 |
| Urban Unrestricted | 72 | 1 | 8.13 | 4.35 | Rural Unrestricted | 72 | 9 | 25.27 | 0.54 | Urban Restricted | 72 | 5 | 18.87 | 1.71 |
| Urban Unrestricted | 73 | 1 | 8.33 | 4.40 | Rural Unrestricted | 73 | 9 | 25.21 | 0.53 | Urban Restricted | 73 | 5 | 19.16 | 1.69 |
| Urban Unrestricted | 74 | 1 | 8.64 | 4.53 | Rural Unrestricted | 74 | 9 | 25.14 | 0.52 | Urban Restricted | 74 | 5 | 19.39 | 1.69 |
| Urban Unrestricted | 75 | 1 | 9.30 | 4.96 | Rural Unrestricted | 75 | 9 | 24.95 | 0.53 | Urban Restricted | 75 | 5 | 19.32 | 1.78 |
| Rural Unrestricted | 1 | 2 | 67.31 | 42.80 | Urban Unrestricted | 1 | 9 | 70.88 | 26.86 | Rural Restricted | 1 | 6 | 69.91 | 31.04 |
| Rural Unrestricted | 2 | 2 | 33.95 | 21.86 | Urban Unrestricted | 2 | 9 | 36.47 | 13.61 | Rural Restricted | 2 | 6 | 35.73 | 15.75 |
| Rural Unrestricted | 3 | 2 | 24.20 | 16.36 | Urban Unrestricted | 3 | 9 | 29.38 | 9.82 | Rural Restricted | 3 | 6 | 27.13 | 11.36 |
| Rural Unrestricted | 4 | 2 | 19.88 | 13.97 | Urban Unrestricted | 4 | 9 | 27.44 | 8.11 | Rural Restricted | 4 | 6 | 23.66 | 9.33 |
| Rural Unrestricted | 5 | 2 | 17.40 | 12.36 | Urban Unrestricted | 5 | 9 | 26.38 | 7.00 | Rural Restricted | 5 | 6 | 21.66 | 8.08 |
| Rural Unrestricted | 6 | 2 | 15.91 | 11.08 | Urban Unrestricted | 6 | 9 | 25.81 | 6.17 | Rural Restricted | 6 | 6 | 20.42 | 7.19 |
| Rural Unrestricted | 7 | 2 | 14.84 | 10.17 | Urban Unrestricted | 7 | 9 | 25.40 | 5.57 | Rural Restricted | 7 | 6 | 19.53 | 6.55 |
| Rural Unrestricted | 8 | 2 | 14.03 | 9.48 | Urban Unrestricted | 8 | 9 | 25.10 | 5.12 | Rural Restricted | 8 | 6 | 18.86 | 6.07 |
| Rural Unrestricted | 9 | 2 | 13.41 | 8.95 | Urban Unrestricted | 9 | 9 | 24.86 | 4.77 | Rural Restricted | 9 | 6 | 18.24 | 5.70 |
| Rural Unrestricted | 10 | 2 | 12.91 | 8.52 | Urban Unrestricted | 10 | 9 | 24.66 | 4.49 | Rural Restricted | 10 | 6 | 17.51 | 5.41 |
| Rural Unrestricted | 11 | 2 | 12.55 | 8.18 | Urban Unrestricted | 11 | 9 | 24.60 | 4.26 | Rural Restricted | 11 | 6 | 16.99 | 5.16 |
| Rural Unrestricted | 12 | 2 | 12.38 | 7.89 | Urban Unrestricted | 12 | 9 | 24.77 | 4.07 | Rural Restricted | 12 | 6 | 16.73 | 4.90 |
| Rural Unrestricted | 13 | 2 | 12.24 | 7.65 | Urban Unrestricted | 13 | 9 | 24.91 | 3.90 | Rural Restricted | 13 | 6 | 16.51 | 4.69 |
| Rural Unrestricted | 14 | 2 | 12.11 | 7.44 | Urban Unrestricted | 14 | 9 | 25.03 | 3.76 | Rural Restricted | 14 | 6 | 16.32 | 4.50 |
| Rural Unrestricted | 15 | 2 | 12.00 | 7.26 | Urban Unrestricted | 15 | 9 | 25.14 | 3.64 | Rural Restricted | 15 | 6 | 16.16 | 4.34 |
| Rural Unrestricted | 16 | 2 | 11.90 | 7.10 | Urban Unrestricted | 16 | 9 | 25.19 | 3.53 | Rural Restricted | 16 | 6 | 16.16 | 4.16 |
| Rural Unrestricted | 17 | 2 | 11.80 | 6.95 | Urban Unrestricted | 17 | 9 | 25.18 | 3.43 | Rural Restricted | 17 | 6 | 16.53 | 3.91 |
| Rural Unrestricted | 18 | 2 | 11.71 | 6.82 | Urban Unrestricted | 18 | 9 | 25.17 | 3.34 | Rural Restricted | 18 | 6 | 16.86 | 3.68 |
| Rural Unrestricted | 19 | 2 | 11.57 | 6.63 | Urban Unrestricted | 19 | 9 | 25.45 | 3.21 | Rural Restricted | 19 | 6 | 17.15 | 3.48 |
| Rural Unrestricted | 20 | 2 | 11.39 | 6.36 | Urban Unrestricted | 20 | 9 | 26.06 | 3.02 | Rural Restricted | 20 | 6 | 17.42 | 3.30 |
| Rural Unrestricted | 21 | 2 | 11.22 | 6.12 | Urban Unrestricted | 21 | 9 | 26.62 | 2.85 | Rural Restricted | 21 | 6 | 17.56 | 3.14 |
| Rural Unrestricted | 22 | 2 | 11.03 | 5.90 | Urban Unrestricted | 22 | 9 | 27.11 | 2.66 | Rural Restricted | 22 | 6 | 17.54 | 3.00 |
| Rural Unrestricted | 23 | 2 | 10.85 | 5.69 | Urban Unrestricted | 23 | 9 | 27.57 | 2.49 | Rural Restricted | 23 | 6 | 17.53 | 2.88 |
| Rural Unrestricted | 24 | 2 | 10.69 | 5.51 | Urban Unrestricted | 24 | 9 | 27.98 | 2.34 | Rural Restricted | 24 | 6 | 17.51 | 2.76 |
| Rural Unrestricted | 25 | 2 | 10.54 | 5.37 | Urban Unrestricted | 25 | 9 | 28.32 | 2.22 | Rural Restricted | 25 | 6 | 17.45 | 2.70 |
| Rural Unrestricted | 26 | 2 | 10.44 | 5.31 | Urban Unrestricted | 26 | 9 | 28.16 | 2.13 | Rural Restricted | 26 | 6 | 17.36 | 2.69 |
| Rural Unrestricted | 27 | 2 | 10.38 | 5.28 | Urban Unrestricted | 27 | 9 | 27.73 | 2.06 | Rural Restricted | 27 | 6 | 17.28 | 2.67 |
| Rural Unrestricted | 28 | 2 | 10.32 | 5.26 | Urban Unrestricted | 28 | 9 | 27.34 | 2.00 | Rural Restricted | 28 | 6 | 17.20 | 2.66 |
| Rural Unrestricted | 29 | 2 | 10.27 | 5.23 | Urban Unrestricted | 29 | 9 | 26.97 | 1.93 | Rural Restricted | 29 | 6 | 17.12 | 2.65 |
| Rural Unrestricted | 30 | 2 | 10.22 | 5.21 | Urban Unrestricted | 30 | 9 | 26.63 | 1.87 | Rural Restricted | 30 | 6 | 17.06 | 2.64 |
| Rural Unrestricted | 31 | 2 | 10.17 | 5.19 | Urban Unrestricted | 31 | 9 | 26.31 | 1.82 | Rural Restricted | 31 | 6 | 17.11 | 2.63 |
| Rural Unrestricted | 32 | 2 | 10.00 | 5.02 | Urban Unrestricted | 32 | 9 | 26.24 | 1.74 | Rural Restricted | 32 | 6 | 17.11 | 2.53 |
| Rural Unrestricted | 33 | 2 | 9.71 | 4.75 | Urban Unrestricted | 33 | 9 | 26.03 | 1.63 | Rural Restricted | 33 | 6 | 16.95 | 2.36 |
| Rural Unrestricted | 34 | 2 | 9.43 | 4.49 | Urban Unrestricted | 34 | 9 | 25.83 | 1.54 | Rural Restricted | 34 | 6 | 16.80 | 2.20 |
| Rural Unrestricted | 35 | 2 | 9.27 | 4.34 | Urban Unrestricted | 35 | 9 | 25.77 | 1.46 | Rural Restricted | 35 | 6 | 16.80 | 2.11 |
| Rural Unrestricted | 36 | 2 | 9.18 | 4.28 | Urban Unrestricted | 36 | 9 | 25.80 | 1.41 | Rural Restricted | 36 | 6 | 16.89 | 2.07 |
| Rural Unrestricted | 37 | 2 | 9.10 | 4.21 | Urban Unrestricted | 37 | 9 | 25.83 | 1.35 | Rural Restricted | 37 | 6 | 16.98 | 2.03 |
| Rural Unrestricted | 38 | 2 | 9.02 | 4.15 | Urban Unrestricted | 38 | 9 | 25.86 | 1.30 | Rural Restricted | 38 | 6 | 17.06 | 1.99 |
| Rural Unrestricted | 39 | 2 | 8.94 | 4.10 | Urban Unrestricted | 39 | 9 | 25.89 | 1.26 | Rural Restricted | 39 | 6 | 17.14 | 1.96 |
| Rural Unrestricted | 40 | 2 | 8.87 | 4.04 | Urban Unrestricted | 40 | 9 | 25.91 | 1.21 | Rural Restricted | 40 | 6 | 17.21 | 1.93 |
| Rural Unrestricted | 41 | 2 | 8.80 | 3.99 | Urban Unrestricted | 41 | 9 | 25.94 | 1.17 | Rural Restricted | 41 | 6 | 17.29 | 1.89 |
| Rural Unrestricted | 42 | 2 | 8.73 | 3.94 | Urban Unrestricted | 42 | 9 | 25.96 | 1.13 | Rural Restricted | 42 | 6 | 17.35 | 1.86 |
| Rural Unrestricted | 43 | 2 | 8.67 | 3.89 | Urban Unrestricted | 43 | 9 | 25.98 | 1.09 | Rural Restricted | 43 | 6 | 17.42 | 1.84 |
| Rural Unrestricted | 44 | 2 | 8.61 | 3.85 | Urban Unrestricted | 44 | 9 | 26.04 | 1.05 | Rural Restricted | 44 | 6 | 17.48 | 1.81 |
| Rural Unrestricted | 45 | 2 | 8.53 | 3.81 | Urban Unrestricted | 45 | 9 | 26.09 | 1.01 | Rural Restricted | 45 | 6 | 17.51 | 1.78 |
| Rural Unrestricted | 46 | 2 | 8.45 | 3.77 | Urban Unrestricted | 46 | 9 | 26.10 | 0.98 | Rural Restricted | 46 | 6 | 17.50 | 1.75 |
| Rural Unrestricted | 47 | 2 | 8.36 | 3.73 | Urban Unrestricted | 47 | 9 | 26.12 | 0.95 | Rural Restricted | 47 | 6 | 17.54 | 1.71 |
| Rural Unrestricted | 48 | 2 | 8.28 | 3.69 | Urban Unrestricted | 48 | 9 | 26.13 | 0.92 | Rural Restricted | 48 | 6 | 17.59 | 1.67 |
| Rural Unrestricted | 49 | 2 | 8.20 | 3.66 | Urban Unrestricted | 49 | 9 | 26.14 | 0.89 | Rural Restricted | 49 | 6 | 17.63 | 1.63 |
| Rural Unrestricted | 50 | 2 | 8.17 | 3.64 | Urban Unrestricted | 50 | 9 | 26.15 | 0.86 | Rural Restricted | 50 | 6 | 17.67 | 1.59 |
| Rural Unrestricted | 51 | 2 | 8.15 | 3.62 | Urban Unrestricted | 51 | 9 | 26.17 | 0.83 | Rural Restricted | 51 | 6 | 17.71 | 1.56 |
| Rural Unrestricted | 52 | 2 | 8.13 | 3.61 | Urban Unrestricted | 52 | 9 | 26.18 | 0.80 | Rural Restricted | 52 | 6 | 17.74 | 1.53 |
| Rural Unrestricted | 53 | 2 | 8.10 | 3.60 | Urban Unrestricted | 53 | 9 | 26.17 | 0.78 | Rural Restricted | 53 | 6 | 17.78 | 1.49 |
| Rural Unrestricted | 54 | 2 | 8.08 | 3.58 | Urban Unrestricted | 54 | 9 | 26.10 | 0.76 | Rural Restricted | 54 | 6 | 17.81 | 1.46 |
| Rural Unrestricted | 55 | 2 | 8.06 | 3.57 | Urban Unrestricted | 55 | 9 | 26.03 | 0.75 | Rural Restricted | 55 | 6 | 17.85 | 1.43 |
| Rural Unrestricted | 56 | 2 | 8.05 | 3.55 | Urban Unrestricted | 56 | 9 | 25.97 | 0.74 | Rural Restricted | 56 | 6 | 17.88 | 1.40 |
| Rural Unrestricted | 57 | 2 | 8.06 | 3.53 | Urban Unrestricted | 57 | 9 | 25.93 | 0.72 | Rural Restricted | 57 | 6 | 17.92 | 1.37 |
| Rural Unrestricted | 58 | 2 | 8.06 | 3.50 | Urban Unrestricted | 58 | 9 | 25.88 | 0.71 | Rural Restricted | 58 | 6 | 17.96 | 1.34 |
| Rural Unrestricted | 59 | 2 | 8.06 | 3.48 | Urban Unrestricted | 59 | 9 | 25.84 | 0.70 | Rural Restricted | 59 | 6 | 18.02 | 1.31 |
| Rural Unrestricted | 60 | 2 | 8.07 | 3.46 | Urban Unrestricted | 60 | 9 | 25.80 | 0.69 | Rural Restricted | 60 | 6 | 18.16 | 1.30 |
| Rural Unrestricted | 61 | 2 | 8.14 | 3.44 | Urban Unrestricted | 61 | 9 | 25.81 | 0.68 | Rural Restricted | 61 | 6 | 18.37 | 1.28 |
| Rural Unrestricted | 62 | 2 | 8.25 | 3.42 | Urban Unrestricted | 62 | 9 | 25.84 | 0.67 | Rural Restricted | 62 | 6 | 18.61 | 1.26 |
| Rural Unrestricted | 63 | 2 | 8.36 | 3.40 | Urban Unrestricted | 63 | 9 | 25.88 | 0.67 | Rural Restricted | 63 | 6 | 18.85 | 1.25 |
| Rural Unrestricted | 64 | 2 | 8.55 | 3.39 | Urban Unrestricted | 64 | 9 | 25.87 | 0.65 | Rural Restricted | 64 | 6 | 19.09 | 1.24 |
| Rural Unrestricted | 65 | 2 | 8.87 | 3.40 | Urban Unrestricted | 65 | 9 | 25.79 | 0.64 | Rural Restricted | 65 | 6 | 19.36 | 1.22 |
| Rural Unrestricted | 66 | 2 | 9.18 | 3.42 | Urban Unrestricted | 66 | 9 | 25.71 | 0.62 | Rural Restricted | 66 | 6 | 19.67 | 1.22 |
| Rural Unrestricted | 67 | 2 | 9.49 | 3.43 | Urban Unrestricted | 67 | 9 | 25.64 | 0.61 | Rural Restricted | 67 | 6 | 19.95 | 1.20 |
| Rural Unrestricted | 68 | 2 | 9.78 | 3.44 | Urban Unrestricted | 68 | 9 | 25.56 | 0.59 | Rural Restricted | 68 | 6 | 20.21 | 1.18 |
| Rural Unrestricted | 69 | 2 | 10.07 | 3.45 | Urban Unrestricted | 69 | 9 | 25.49 | 0.58 | Rural Restricted | 69 | 6 | 20.47 | 1.17 |
| Rural Unrestricted | 70 | 2 | 10.35 | 3.46 | Urban Unrestricted | 70 | 9 | 25.42 | 0.56 | Rural Restricted | 70 | 6 | 20.72 | 1.15 |
| Rural Unrestricted | 71 | 2 | 10.62 | 3.46 | Urban Unrestricted | 71 | 9 | 25.35 | 0.55 | Rural Restricted | 71 | 6 | 20.97 | 1.13 |
| Rural Unrestricted | 72 | 2 | 10.88 | 3.47 | Urban Unrestricted | 72 | 9 | 25.29 | 0.54 | Rural Restricted | 72 | 6 | 21.20 | 1.11 |
| Rural Unrestricted | 73 | 2 | 11.13 | 3.48 | Urban Unrestricted | 73 | 9 | 25.23 | 0.52 | Rural Restricted | 73 | 6 | 21.43 | 1.10 |
| Rural Unrestricted | 74 | 2 | 11.37 | 3.56 | Urban Unrestricted | 74 | 9 | 25.16 | 0.52 | Rural Restricted | 74 | 6 | 21.54 | 1.10 |
| Rural Unrestricted | 75 | 2 | 11.74 | 3.87 | Urban Unrestricted | 75 | 9 | 24.97 | 0.53 | Rural Restricted | 75 | 6 | 21.19 | 1.19 |
| Urban Unrestricted | 1 | 2 | 67.11 | 42.61 | Rural Unrestricted | 1 | 10 | 71.55 | 25.53 | Urban Restricted | 1 | 6 | 69.77 | 30.93 |
| Urban Unrestricted | 2 | 2 | 33.85 | 21.76 | Rural Unrestricted | 2 | 10 | 36.89 | 12.92 | Urban Restricted | 2 | 6 | 35.65 | 15.69 |
| Urban Unrestricted | 3 | 2 | 24.14 | 16.29 | Rural Unrestricted | 3 | 10 | 30.24 | 9.26 | Urban Restricted | 3 | 6 | 27.07 | 11.31 |
| Urban Unrestricted | 4 | 2 | 19.82 | 13.92 | Rural Unrestricted | 4 | 10 | 28.78 | 7.58 | Urban Restricted | 4 | 6 | 23.62 | 9.30 |
| Urban Unrestricted | 5 | 2 | 17.36 | 12.32 | Rural Unrestricted | 5 | 10 | 28.09 | 6.50 | Urban Restricted | 5 | 6 | 21.62 | 8.05 |
| Urban Unrestricted | 6 | 2 | 15.87 | 11.05 | Rural Unrestricted | 6 | 10 | 27.86 | 5.69 | Urban Restricted | 6 | 6 | 20.38 | 7.16 |
| Urban Unrestricted | 7 | 2 | 14.80 | 10.14 | Rural Unrestricted | 7 | 10 | 27.70 | 5.11 | Urban Restricted | 7 | 6 | 19.49 | 6.53 |
| Urban Unrestricted | 8 | 2 | 14.00 | 9.46 | Rural Unrestricted | 8 | 10 | 27.58 | 4.68 | Urban Restricted | 8 | 6 | 18.83 | 6.05 |
| Urban Unrestricted | 9 | 2 | 13.38 | 8.93 | Rural Unrestricted | 9 | 10 | 27.49 | 4.34 | Urban Restricted | 9 | 6 | 18.21 | 5.69 |
| Urban Unrestricted | 10 | 2 | 12.88 | 8.50 | Rural Unrestricted | 10 | 10 | 27.40 | 4.07 | Urban Restricted | 10 | 6 | 17.48 | 5.40 |
| Urban Unrestricted | 11 | 2 | 12.53 | 8.15 | Rural Unrestricted | 11 | 10 | 27.39 | 3.85 | Urban Restricted | 11 | 6 | 16.96 | 5.14 |
| Urban Unrestricted | 12 | 2 | 12.36 | 7.87 | Rural Unrestricted | 12 | 10 | 27.50 | 3.67 | Urban Restricted | 12 | 6 | 16.70 | 4.89 |
| Urban Unrestricted | 13 | 2 | 12.21 | 7.63 | Rural Unrestricted | 13 | 10 | 27.59 | 3.52 | Urban Restricted | 13 | 6 | 16.48 | 4.68 |
| Urban Unrestricted | 14 | 2 | 12.09 | 7.42 | Rural Unrestricted | 14 | 10 | 27.66 | 3.39 | Urban Restricted | 14 | 6 | 16.29 | 4.49 |
| Urban Unrestricted | 15 | 2 | 11.98 | 7.24 | Rural Unrestricted | 15 | 10 | 27.73 | 3.28 | Urban Restricted | 15 | 6 | 16.13 | 4.33 |
| Urban Unrestricted | 16 | 2 | 11.88 | 7.08 | Rural Unrestricted | 16 | 10 | 27.78 | 3.17 | Urban Restricted | 16 | 6 | 16.12 | 4.15 |
| Urban Unrestricted | 17 | 2 | 11.78 | 6.93 | Rural Unrestricted | 17 | 10 | 27.82 | 3.07 | Urban Restricted | 17 | 6 | 16.50 | 3.90 |
| Urban Unrestricted | 18 | 2 | 11.69 | 6.80 | Rural Unrestricted | 18 | 10 | 27.85 | 2.98 | Urban Restricted | 18 | 6 | 16.83 | 3.67 |
| Urban Unrestricted | 19 | 2 | 11.56 | 6.61 | Rural Unrestricted | 19 | 10 | 28.24 | 2.86 | Urban Restricted | 19 | 6 | 17.13 | 3.47 |
| Urban Unrestricted | 20 | 2 | 11.37 | 6.35 | Rural Unrestricted | 20 | 10 | 29.06 | 2.70 | Urban Restricted | 20 | 6 | 17.40 | 3.29 |
| Urban Unrestricted | 21 | 2 | 11.20 | 6.11 | Rural Unrestricted | 21 | 10 | 29.80 | 2.55 | Urban Restricted | 21 | 6 | 17.54 | 3.13 |
| Urban Unrestricted | 22 | 2 | 11.01 | 5.88 | Rural Unrestricted | 22 | 10 | 30.43 | 2.39 | Urban Restricted | 22 | 6 | 17.52 | 3.00 |
| Urban Unrestricted | 23 | 2 | 10.83 | 5.68 | Rural Unrestricted | 23 | 10 | 31.01 | 2.24 | Urban Restricted | 23 | 6 | 17.51 | 2.87 |
| Urban Unrestricted | 24 | 2 | 10.67 | 5.49 | Rural Unrestricted | 24 | 10 | 31.55 | 2.10 | Urban Restricted | 24 | 6 | 17.49 | 2.75 |
| Urban Unrestricted | 25 | 2 | 10.52 | 5.35 | Rural Unrestricted | 25 | 10 | 32.01 | 2.00 | Urban Restricted | 25 | 6 | 17.44 | 2.69 |
| Urban Unrestricted | 26 | 2 | 10.42 | 5.30 | Rural Unrestricted | 26 | 10 | 31.87 | 1.93 | Urban Restricted | 26 | 6 | 17.34 | 2.68 |
| Urban Unrestricted | 27 | 2 | 10.36 | 5.27 | Rural Unrestricted | 27 | 10 | 31.42 | 1.87 | Urban Restricted | 27 | 6 | 17.26 | 2.67 |
| Urban Unrestricted | 28 | 2 | 10.30 | 5.24 | Rural Unrestricted | 28 | 10 | 31.00 | 1.81 | Urban Restricted | 28 | 6 | 17.18 | 2.65 |
| Urban Unrestricted | 29 | 2 | 10.25 | 5.22 | Rural Unrestricted | 29 | 10 | 30.62 | 1.75 | Urban Restricted | 29 | 6 | 17.11 | 2.64 |
| Urban Unrestricted | 30 | 2 | 10.20 | 5.20 | Rural Unrestricted | 30 | 10 | 30.25 | 1.70 | Urban Restricted | 30 | 6 | 17.04 | 2.63 |
| Urban Unrestricted | 31 | 2 | 10.16 | 5.18 | Rural Unrestricted | 31 | 10 | 29.92 | 1.65 | Urban Restricted | 31 | 6 | 17.09 | 2.62 |
| Urban Unrestricted | 32 | 2 | 9.97 | 5.00 | Rural Unrestricted | 32 | 10 | 29.81 | 1.58 | Urban Restricted | 32 | 6 | 17.10 | 2.52 |
| Urban Unrestricted | 33 | 2 | 9.67 | 4.72 | Rural Unrestricted | 33 | 10 | 29.57 | 1.48 | Urban Restricted | 33 | 6 | 16.94 | 2.35 |
| Urban Unrestricted | 34 | 2 | 9.39 | 4.46 | Rural Unrestricted | 34 | 10 | 29.34 | 1.39 | Urban Restricted | 34 | 6 | 16.80 | 2.19 |
| Urban Unrestricted | 35 | 2 | 9.22 | 4.31 | Rural Unrestricted | 35 | 10 | 29.25 | 1.32 | Urban Restricted | 35 | 6 | 16.80 | 2.10 |
| Urban Unrestricted | 36 | 2 | 9.12 | 4.24 | Rural Unrestricted | 36 | 10 | 29.25 | 1.28 | Urban Restricted | 36 | 6 | 16.90 | 2.06 |
| Urban Unrestricted | 37 | 2 | 9.03 | 4.17 | Rural Unrestricted | 37 | 10 | 29.25 | 1.24 | Urban Restricted | 37 | 6 | 16.98 | 2.02 |
| Urban Unrestricted | 38 | 2 | 8.94 | 4.11 | Rural Unrestricted | 38 | 10 | 29.25 | 1.20 | Urban Restricted | 38 | 6 | 17.07 | 1.99 |
| Urban Unrestricted | 39 | 2 | 8.86 | 4.05 | Rural Unrestricted | 39 | 10 | 29.25 | 1.16 | Urban Restricted | 39 | 6 | 17.15 | 1.95 |
| Urban Unrestricted | 40 | 2 | 8.78 | 3.99 | Rural Unrestricted | 40 | 10 | 29.25 | 1.12 | Urban Restricted | 40 | 6 | 17.22 | 1.92 |
| Urban Unrestricted | 41 | 2 | 8.70 | 3.94 | Rural Unrestricted | 41 | 10 | 29.25 | 1.09 | Urban Restricted | 41 | 6 | 17.30 | 1.89 |
| Urban Unrestricted | 42 | 2 | 8.63 | 3.88 | Rural Unrestricted | 42 | 10 | 29.25 | 1.05 | Urban Restricted | 42 | 6 | 17.36 | 1.86 |
| Urban Unrestricted | 43 | 2 | 8.56 | 3.83 | Rural Unrestricted | 43 | 10 | 29.25 | 1.02 | Urban Restricted | 43 | 6 | 17.43 | 1.83 |
| Urban Unrestricted | 44 | 2 | 8.50 | 3.79 | Rural Unrestricted | 44 | 10 | 29.25 | 0.99 | Urban Restricted | 44 | 6 | 17.49 | 1.80 |
| Urban Unrestricted | 45 | 2 | 8.43 | 3.75 | Rural Unrestricted | 45 | 10 | 29.21 | 0.96 | Urban Restricted | 45 | 6 | 17.52 | 1.77 |
| Urban Unrestricted | 46 | 2 | 8.35 | 3.72 | Rural Unrestricted | 46 | 10 | 29.14 | 0.93 | Urban Restricted | 46 | 6 | 17.52 | 1.74 |
| Urban Unrestricted | 47 | 2 | 8.27 | 3.68 | Rural Unrestricted | 47 | 10 | 29.08 | 0.90 | Urban Restricted | 47 | 6 | 17.56 | 1.70 |
| Urban Unrestricted | 48 | 2 | 8.19 | 3.65 | Rural Unrestricted | 48 | 10 | 29.01 | 0.88 | Urban Restricted | 48 | 6 | 17.61 | 1.66 |
| Urban Unrestricted | 49 | 2 | 8.12 | 3.61 | Rural Unrestricted | 49 | 10 | 28.95 | 0.85 | Urban Restricted | 49 | 6 | 17.65 | 1.62 |
| Urban Unrestricted | 50 | 2 | 8.04 | 3.58 | Rural Unrestricted | 50 | 10 | 28.79 | 0.83 | Urban Restricted | 50 | 6 | 17.69 | 1.59 |
| Urban Unrestricted | 51 | 2 | 7.98 | 3.55 | Rural Unrestricted | 51 | 10 | 28.62 | 0.81 | Urban Restricted | 51 | 6 | 17.73 | 1.55 |
| Urban Unrestricted | 52 | 2 | 7.91 | 3.53 | Rural Unrestricted | 52 | 10 | 28.46 | 0.79 | Urban Restricted | 52 | 6 | 17.77 | 1.52 |
| Urban Unrestricted | 53 | 2 | 7.86 | 3.50 | Rural Unrestricted | 53 | 10 | 28.30 | 0.77 | Urban Restricted | 53 | 6 | 17.81 | 1.49 |
| Urban Unrestricted | 54 | 2 | 7.86 | 3.50 | Rural Unrestricted | 54 | 10 | 28.16 | 0.75 | Urban Restricted | 54 | 6 | 17.84 | 1.46 |
| Urban Unrestricted | 55 | 2 | 7.86 | 3.49 | Rural Unrestricted | 55 | 10 | 28.01 | 0.73 | Urban Restricted | 55 | 6 | 17.88 | 1.43 |
| Urban Unrestricted | 56 | 2 | 7.88 | 3.48 | Rural Unrestricted | 56 | 10 | 27.89 | 0.71 | Urban Restricted | 56 | 6 | 17.92 | 1.40 |
| Urban Unrestricted | 57 | 2 | 7.91 | 3.46 | Rural Unrestricted | 57 | 10 | 27.77 | 0.69 | Urban Restricted | 57 | 6 | 17.96 | 1.37 |
| Urban Unrestricted | 58 | 2 | 7.93 | 3.45 | Rural Unrestricted | 58 | 10 | 27.66 | 0.68 | Urban Restricted | 58 | 6 | 18.00 | 1.34 |
| Urban Unrestricted | 59 | 2 | 7.96 | 3.43 | Rural Unrestricted | 59 | 10 | 27.56 | 0.66 | Urban Restricted | 59 | 6 | 18.06 | 1.31 |
| Urban Unrestricted | 60 | 2 | 7.98 | 3.42 | Rural Unrestricted | 60 | 10 | 27.45 | 0.64 | Urban Restricted | 60 | 6 | 18.20 | 1.29 |
| Urban Unrestricted | 61 | 2 | 8.07 | 3.41 | Rural Unrestricted | 61 | 10 | 27.41 | 0.63 | Urban Restricted | 61 | 6 | 18.41 | 1.27 |
| Urban Unrestricted | 62 | 2 | 8.21 | 3.39 | Rural Unrestricted | 62 | 10 | 27.40 | 0.62 | Urban Restricted | 62 | 6 | 18.65 | 1.26 |
| Urban Unrestricted | 63 | 2 | 8.34 | 3.38 | Rural Unrestricted | 63 | 10 | 27.40 | 0.60 | Urban Restricted | 63 | 6 | 18.90 | 1.24 |
| Urban Unrestricted | 64 | 2 | 8.53 | 3.37 | Rural Unrestricted | 64 | 10 | 27.34 | 0.59 | Urban Restricted | 64 | 6 | 19.13 | 1.23 |
| Urban Unrestricted | 65 | 2 | 8.86 | 3.39 | Rural Unrestricted | 65 | 10 | 27.19 | 0.58 | Urban Restricted | 65 | 6 | 19.41 | 1.22 |
| Urban Unrestricted | 66 | 2 | 9.17 | 3.40 | Rural Unrestricted | 66 | 10 | 27.05 | 0.57 | Urban Restricted | 66 | 6 | 19.71 | 1.21 |
| Urban Unrestricted | 67 | 2 | 9.48 | 3.41 | Rural Unrestricted | 67 | 10 | 26.91 | 0.55 | Urban Restricted | 67 | 6 | 20.00 | 1.20 |
| Urban Unrestricted | 68 | 2 | 9.77 | 3.42 | Rural Unrestricted | 68 | 10 | 26.77 | 0.54 | Urban Restricted | 68 | 6 | 20.27 | 1.18 |
| Urban Unrestricted | 69 | 2 | 10.06 | 3.43 | Rural Unrestricted | 69 | 10 | 26.64 | 0.53 | Urban Restricted | 69 | 6 | 20.53 | 1.16 |
| Urban Unrestricted | 70 | 2 | 10.34 | 3.44 | Rural Unrestricted | 70 | 10 | 26.51 | 0.52 | Urban Restricted | 70 | 6 | 20.78 | 1.14 |
| Urban Unrestricted | 71 | 2 | 10.61 | 3.45 | Rural Unrestricted | 71 | 10 | 26.38 | 0.51 | Urban Restricted | 71 | 6 | 21.02 | 1.12 |
| Urban Unrestricted | 72 | 2 | 10.87 | 3.46 | Rural Unrestricted | 72 | 10 | 26.26 | 0.50 | Urban Restricted | 72 | 6 | 21.26 | 1.11 |
| Urban Unrestricted | 73 | 2 | 11.12 | 3.47 | Rural Unrestricted | 73 | 10 | 26.15 | 0.49 | Urban Restricted | 73 | 6 | 21.49 | 1.09 |
| Urban Unrestricted | 74 | 2 | 11.37 | 3.54 | Rural Unrestricted | 74 | 10 | 26.04 | 0.48 | Urban Restricted | 74 | 6 | 21.60 | 1.10 |
| Urban Unrestricted | 75 | 2 | 11.74 | 3.85 | Rural Unrestricted | 75 | 10 | 25.84 | 0.49 | Urban Restricted | 75 | 6 | 21.25 | 1.18 |
| Rural Unrestricted | 1 | 3 | 68.25 | 41.78 | Urban Unrestricted | 1 | 10 | 71.33 | 25.35 | Rural Restricted | 1 | 7 | 70.06 | 30.02 |
| Rural Unrestricted | 2 | 3 | 34.61 | 21.25 | Urban Unrestricted | 2 | 10 | 36.77 | 12.83 | Rural Restricted | 2 | 7 | 35.91 | 15.22 |
| Rural Unrestricted | 3 | 3 | 25.26 | 15.63 | Urban Unrestricted | 3 | 10 | 30.16 | 9.19 | Rural Restricted | 3 | 7 | 27.76 | 10.93 |
| Rural Unrestricted | 4 | 3 | 21.20 | 13.14 | Urban Unrestricted | 4 | 10 | 28.72 | 7.53 | Rural Restricted | 4 | 7 | 24.66 | 8.94 |
| Rural Unrestricted | 5 | 3 | 18.81 | 11.54 | Urban Unrestricted | 5 | 10 | 28.04 | 6.46 | Rural Restricted | 5 | 7 | 22.87 | 7.68 |
| Rural Unrestricted | 6 | 3 | 17.28 | 10.33 | Urban Unrestricted | 6 | 10 | 27.82 | 5.66 | Rural Restricted | 6 | 7 | 21.77 | 6.76 |
| Rural Unrestricted | 7 | 3 | 16.18 | 9.47 | Urban Unrestricted | 7 | 10 | 27.67 | 5.08 | Rural Restricted | 7 | 7 | 20.98 | 6.10 |
| Rural Unrestricted | 8 | 3 | 15.35 | 8.82 | Urban Unrestricted | 8 | 10 | 27.55 | 4.65 | Rural Restricted | 8 | 7 | 20.39 | 5.60 |
| Rural Unrestricted | 9 | 3 | 14.71 | 8.32 | Urban Unrestricted | 9 | 10 | 27.46 | 4.32 | Rural Restricted | 9 | 7 | 19.79 | 5.21 |
| Rural Unrestricted | 10 | 3 | 14.19 | 7.91 | Urban Unrestricted | 10 | 10 | 27.38 | 4.05 | Rural Restricted | 10 | 7 | 18.99 | 4.91 |
| Rural Unrestricted | 11 | 3 | 13.83 | 7.57 | Urban Unrestricted | 11 | 10 | 27.37 | 3.83 | Rural Restricted | 11 | 7 | 18.41 | 4.65 |
| Rural Unrestricted | 12 | 3 | 13.67 | 7.24 | Urban Unrestricted | 12 | 10 | 27.48 | 3.65 | Rural Restricted | 12 | 7 | 18.11 | 4.42 |
| Rural Unrestricted | 13 | 3 | 13.53 | 6.97 | Urban Unrestricted | 13 | 10 | 27.57 | 3.50 | Rural Restricted | 13 | 7 | 17.85 | 4.22 |
| Rural Unrestricted | 14 | 3 | 13.41 | 6.73 | Urban Unrestricted | 14 | 10 | 27.65 | 3.37 | Rural Restricted | 14 | 7 | 17.63 | 4.05 |
| Rural Unrestricted | 15 | 3 | 13.30 | 6.53 | Urban Unrestricted | 15 | 10 | 27.72 | 3.26 | Rural Restricted | 15 | 7 | 17.44 | 3.91 |
| Rural Unrestricted | 16 | 3 | 13.22 | 6.36 | Urban Unrestricted | 16 | 10 | 27.77 | 3.16 | Rural Restricted | 16 | 7 | 17.48 | 3.74 |
| Rural Unrestricted | 17 | 3 | 13.14 | 6.21 | Urban Unrestricted | 17 | 10 | 27.81 | 3.06 | Rural Restricted | 17 | 7 | 18.09 | 3.50 |
| Rural Unrestricted | 18 | 3 | 13.08 | 6.09 | Urban Unrestricted | 18 | 10 | 27.84 | 2.97 | Rural Restricted | 18 | 7 | 18.63 | 3.28 |
| Rural Unrestricted | 19 | 3 | 12.97 | 5.91 | Urban Unrestricted | 19 | 10 | 28.24 | 2.85 | Rural Restricted | 19 | 7 | 19.12 | 3.09 |
| Rural Unrestricted | 20 | 3 | 12.83 | 5.66 | Urban Unrestricted | 20 | 10 | 29.06 | 2.69 | Rural Restricted | 20 | 7 | 19.55 | 2.91 |
| Rural Unrestricted | 21 | 3 | 12.69 | 5.42 | Urban Unrestricted | 21 | 10 | 29.80 | 2.54 | Rural Restricted | 21 | 7 | 19.79 | 2.77 |
| Rural Unrestricted | 22 | 3 | 12.53 | 5.17 | Urban Unrestricted | 22 | 10 | 30.44 | 2.38 | Rural Restricted | 22 | 7 | 19.76 | 2.63 |
| Rural Unrestricted | 23 | 3 | 12.38 | 4.93 | Urban Unrestricted | 23 | 10 | 31.02 | 2.23 | Rural Restricted | 23 | 7 | 19.73 | 2.50 |
| Rural Unrestricted | 24 | 3 | 12.25 | 4.72 | Urban Unrestricted | 24 | 10 | 31.55 | 2.09 | Rural Restricted | 24 | 7 | 19.71 | 2.39 |
| Rural Unrestricted | 25 | 3 | 12.11 | 4.59 | Urban Unrestricted | 25 | 10 | 32.02 | 1.99 | Rural Restricted | 25 | 7 | 19.66 | 2.32 |
| Rural Unrestricted | 26 | 3 | 12.02 | 4.55 | Urban Unrestricted | 26 | 10 | 31.88 | 1.92 | Rural Restricted | 26 | 7 | 19.58 | 2.31 |
| Rural Unrestricted | 27 | 3 | 11.97 | 4.53 | Urban Unrestricted | 27 | 10 | 31.43 | 1.86 | Rural Restricted | 27 | 7 | 19.51 | 2.29 |
| Rural Unrestricted | 28 | 3 | 11.92 | 4.52 | Urban Unrestricted | 28 | 10 | 31.01 | 1.80 | Rural Restricted | 28 | 7 | 19.45 | 2.28 |
| Rural Unrestricted | 29 | 3 | 11.88 | 4.50 | Urban Unrestricted | 29 | 10 | 30.62 | 1.74 | Rural Restricted | 29 | 7 | 19.39 | 2.27 |
| Rural Unrestricted | 30 | 3 | 11.84 | 4.48 | Urban Unrestricted | 30 | 10 | 30.26 | 1.69 | Rural Restricted | 30 | 7 | 19.34 | 2.26 |
| Rural Unrestricted | 31 | 3 | 11.80 | 4.47 | Urban Unrestricted | 31 | 10 | 29.92 | 1.65 | Rural Restricted | 31 | 7 | 19.43 | 2.24 |
| Rural Unrestricted | 32 | 3 | 11.65 | 4.33 | Urban Unrestricted | 32 | 10 | 29.75 | 1.57 | Rural Restricted | 32 | 7 | 19.47 | 2.14 |
| Rural Unrestricted | 33 | 3 | 11.35 | 4.10 | Urban Unrestricted | 33 | 10 | 29.44 | 1.46 | Rural Restricted | 33 | 7 | 19.35 | 1.99 |
| Rural Unrestricted | 34 | 3 | 11.06 | 3.88 | Urban Unrestricted | 34 | 10 | 29.15 | 1.36 | Rural Restricted | 34 | 7 | 19.23 | 1.84 |
| Rural Unrestricted | 35 | 3 | 10.93 | 3.75 | Urban Unrestricted | 35 | 10 | 29.00 | 1.30 | Rural Restricted | 35 | 7 | 19.26 | 1.75 |
| Rural Unrestricted | 36 | 3 | 10.89 | 3.69 | Urban Unrestricted | 36 | 10 | 28.95 | 1.25 | Rural Restricted | 36 | 7 | 19.40 | 1.71 |
| Rural Unrestricted | 37 | 3 | 10.85 | 3.63 | Urban Unrestricted | 37 | 10 | 28.90 | 1.20 | Rural Restricted | 37 | 7 | 19.52 | 1.67 |
| Rural Unrestricted | 38 | 3 | 10.82 | 3.57 | Urban Unrestricted | 38 | 10 | 28.85 | 1.15 | Rural Restricted | 38 | 7 | 19.65 | 1.63 |
| Rural Unrestricted | 39 | 3 | 10.78 | 3.51 | Urban Unrestricted | 39 | 10 | 28.81 | 1.11 | Rural Restricted | 39 | 7 | 19.76 | 1.59 |
| Rural Unrestricted | 40 | 3 | 10.75 | 3.46 | Urban Unrestricted | 40 | 10 | 28.76 | 1.07 | Rural Restricted | 40 | 7 | 19.87 | 1.55 |
| Rural Unrestricted | 41 | 3 | 10.72 | 3.41 | Urban Unrestricted | 41 | 10 | 28.72 | 1.03 | Rural Restricted | 41 | 7 | 19.97 | 1.52 |
| Rural Unrestricted | 42 | 3 | 10.69 | 3.37 | Urban Unrestricted | 42 | 10 | 28.68 | 1.00 | Rural Restricted | 42 | 7 | 20.07 | 1.49 |
| Rural Unrestricted | 43 | 3 | 10.66 | 3.32 | Urban Unrestricted | 43 | 10 | 28.64 | 0.96 | Rural Restricted | 43 | 7 | 20.16 | 1.46 |
| Rural Unrestricted | 44 | 3 | 10.63 | 3.28 | Urban Unrestricted | 44 | 10 | 28.66 | 0.93 | Rural Restricted | 44 | 7 | 20.25 | 1.43 |
| Rural Unrestricted | 45 | 3 | 10.59 | 3.24 | Urban Unrestricted | 45 | 10 | 28.66 | 0.91 | Rural Restricted | 45 | 7 | 20.31 | 1.40 |
| Rural Unrestricted | 46 | 3 | 10.53 | 3.21 | Urban Unrestricted | 46 | 10 | 28.63 | 0.88 | Rural Restricted | 46 | 7 | 20.33 | 1.37 |
| Rural Unrestricted | 47 | 3 | 10.48 | 3.19 | Urban Unrestricted | 47 | 10 | 28.59 | 0.85 | Rural Restricted | 47 | 7 | 20.38 | 1.33 |
| Rural Unrestricted | 48 | 3 | 10.42 | 3.16 | Urban Unrestricted | 48 | 10 | 28.56 | 0.83 | Rural Restricted | 48 | 7 | 20.44 | 1.30 |
| Rural Unrestricted | 49 | 3 | 10.37 | 3.13 | Urban Unrestricted | 49 | 10 | 28.53 | 0.81 | Rural Restricted | 49 | 7 | 20.49 | 1.27 |
| Rural Unrestricted | 50 | 3 | 10.38 | 3.13 | Urban Unrestricted | 50 | 10 | 28.50 | 0.78 | Rural Restricted | 50 | 7 | 20.55 | 1.24 |
| Rural Unrestricted | 51 | 3 | 10.39 | 3.12 | Urban Unrestricted | 51 | 10 | 28.47 | 0.76 | Rural Restricted | 51 | 7 | 20.60 | 1.21 |
| Rural Unrestricted | 52 | 3 | 10.40 | 3.11 | Urban Unrestricted | 52 | 10 | 28.44 | 0.74 | Rural Restricted | 52 | 7 | 20.65 | 1.18 |
| Rural Unrestricted | 53 | 3 | 10.41 | 3.11 | Urban Unrestricted | 53 | 10 | 28.39 | 0.72 | Rural Restricted | 53 | 7 | 20.69 | 1.15 |
| Rural Unrestricted | 54 | 3 | 10.42 | 3.10 | Urban Unrestricted | 54 | 10 | 28.24 | 0.71 | Rural Restricted | 54 | 7 | 20.74 | 1.13 |
| Rural Unrestricted | 55 | 3 | 10.43 | 3.10 | Urban Unrestricted | 55 | 10 | 28.09 | 0.69 | Rural Restricted | 55 | 7 | 20.78 | 1.10 |
| Rural Unrestricted | 56 | 3 | 10.46 | 3.08 | Urban Unrestricted | 56 | 10 | 27.95 | 0.68 | Rural Restricted | 56 | 7 | 20.84 | 1.07 |
| Rural Unrestricted | 57 | 3 | 10.52 | 3.06 | Urban Unrestricted | 57 | 10 | 27.83 | 0.67 | Rural Restricted | 57 | 7 | 20.91 | 1.04 |
| Rural Unrestricted | 58 | 3 | 10.57 | 3.04 | Urban Unrestricted | 58 | 10 | 27.72 | 0.65 | Rural Restricted | 58 | 7 | 20.98 | 1.01 |
| Rural Unrestricted | 59 | 3 | 10.62 | 3.02 | Urban Unrestricted | 59 | 10 | 27.60 | 0.64 | Rural Restricted | 59 | 7 | 21.04 | 0.98 |
| Rural Unrestricted | 60 | 3 | 10.67 | 3.00 | Urban Unrestricted | 60 | 10 | 27.49 | 0.63 | Rural Restricted | 60 | 7 | 21.08 | 0.96 |
| Rural Unrestricted | 61 | 3 | 10.74 | 2.98 | Urban Unrestricted | 61 | 10 | 27.44 | 0.62 | Rural Restricted | 61 | 7 | 21.17 | 0.94 |
| Rural Unrestricted | 62 | 3 | 10.82 | 2.96 | Urban Unrestricted | 62 | 10 | 27.43 | 0.61 | Rural Restricted | 62 | 7 | 21.30 | 0.93 |
| Rural Unrestricted | 63 | 3 | 10.89 | 2.94 | Urban Unrestricted | 63 | 10 | 27.42 | 0.60 | Rural Restricted | 63 | 7 | 21.42 | 0.91 |
| Rural Unrestricted | 64 | 3 | 11.05 | 2.92 | Urban Unrestricted | 64 | 10 | 27.36 | 0.59 | Rural Restricted | 64 | 7 | 21.54 | 0.90 |
| Rural Unrestricted | 65 | 3 | 11.36 | 2.91 | Urban Unrestricted | 65 | 10 | 27.21 | 0.57 | Rural Restricted | 65 | 7 | 21.70 | 0.88 |
| Rural Unrestricted | 66 | 3 | 11.67 | 2.89 | Urban Unrestricted | 66 | 10 | 27.07 | 0.56 | Rural Restricted | 66 | 7 | 21.89 | 0.87 |
| Rural Unrestricted | 67 | 3 | 11.97 | 2.88 | Urban Unrestricted | 67 | 10 | 26.93 | 0.55 | Rural Restricted | 67 | 7 | 22.06 | 0.86 |
| Rural Unrestricted | 68 | 3 | 12.26 | 2.87 | Urban Unrestricted | 68 | 10 | 26.79 | 0.54 | Rural Restricted | 68 | 7 | 22.22 | 0.84 |
| Rural Unrestricted | 69 | 3 | 12.54 | 2.86 | Urban Unrestricted | 69 | 10 | 26.66 | 0.53 | Rural Restricted | 69 | 7 | 22.38 | 0.82 |
| Rural Unrestricted | 70 | 3 | 12.81 | 2.85 | Urban Unrestricted | 70 | 10 | 26.53 | 0.51 | Rural Restricted | 70 | 7 | 22.53 | 0.81 |
| Rural Unrestricted | 71 | 3 | 13.07 | 2.84 | Urban Unrestricted | 71 | 10 | 26.40 | 0.50 | Rural Restricted | 71 | 7 | 22.68 | 0.79 |
| Rural Unrestricted | 72 | 3 | 13.33 | 2.83 | Urban Unrestricted | 72 | 10 | 26.28 | 0.49 | Rural Restricted | 72 | 7 | 22.82 | 0.78 |
| Rural Unrestricted | 73 | 3 | 13.58 | 2.82 | Urban Unrestricted | 73 | 10 | 26.17 | 0.48 | Rural Restricted | 73 | 7 | 22.96 | 0.76 |
| Rural Unrestricted | 74 | 3 | 13.85 | 2.86 | Urban Unrestricted | 74 | 10 | 26.06 | 0.48 | Rural Restricted | 74 | 7 | 23.00 | 0.77 |
| Rural Unrestricted | 75 | 3 | 14.18 | 3.13 | Urban Unrestricted | 75 | 10 | 25.86 | 0.48 | Rural Restricted | 75 | 7 | 22.70 | 0.85 |
| Urban Unrestricted | 1 | 3 | 68.05 | 41.58 | Rural Restricted | 1 | 0 | 63.57 | 63.57 | Urban Restricted | 1 | 7 | 69.92 | 29.90 |
| Urban Unrestricted | 2 | 3 | 34.51 | 21.16 | Rural Restricted | 2 | 0 | 31.88 | 31.88 | Urban Restricted | 2 | 7 | 35.84 | 15.16 |
| Urban Unrestricted | 3 | 3 | 25.19 | 15.56 | Rural Restricted | 3 | 0 | 21.86 | 21.86 | Urban Restricted | 3 | 7 | 27.70 | 10.89 |
| Urban Unrestricted | 4 | 3 | 21.15 | 13.09 | Rural Restricted | 4 | 0 | 17.11 | 17.11 | Urban Restricted | 4 | 7 | 24.61 | 8.90 |
| Urban Unrestricted | 5 | 3 | 18.77 | 11.50 | Rural Restricted | 5 | 0 | 14.40 | 14.40 | Urban Restricted | 5 | 7 | 22.83 | 7.65 |
| Urban Unrestricted | 6 | 3 | 17.24 | 10.29 | Rural Restricted | 6 | 0 | 12.76 | 12.76 | Urban Restricted | 6 | 7 | 21.73 | 6.73 |
| Urban Unrestricted | 7 | 3 | 16.14 | 9.44 | Rural Restricted | 7 | 0 | 11.59 | 11.59 | Urban Restricted | 7 | 7 | 20.95 | 6.07 |
| Urban Unrestricted | 8 | 3 | 15.32 | 8.79 | Rural Restricted | 8 | 0 | 10.72 | 10.72 | Urban Restricted | 8 | 7 | 20.36 | 5.58 |
| Urban Unrestricted | 9 | 3 | 14.68 | 8.29 | Rural Restricted | 9 | 0 | 10.05 | 10.05 | Urban Restricted | 9 | 7 | 19.76 | 5.20 |
| Urban Unrestricted | 10 | 3 | 14.17 | 7.89 | Rural Restricted | 10 | 0 | 9.53 | 9.53 | Urban Restricted | 10 | 7 | 18.96 | 4.89 |
| Urban Unrestricted | 11 | 3 | 13.81 | 7.55 | Rural Restricted | 11 | 0 | 9.12 | 9.12 | Urban Restricted | 11 | 7 | 18.38 | 4.63 |
| Urban Unrestricted | 12 | 3 | 13.65 | 7.22 | Rural Restricted | 12 | 0 | 8.82 | 8.82 | Urban Restricted | 12 | 7 | 18.07 | 4.40 |
| Urban Unrestricted | 13 | 3 | 13.51 | 6.95 | Rural Restricted | 13 | 0 | 8.57 | 8.57 | Urban Restricted | 13 | 7 | 17.81 | 4.21 |
| Urban Unrestricted | 14 | 3 | 13.39 | 6.72 | Rural Restricted | 14 | 0 | 8.36 | 8.36 | Urban Restricted | 14 | 7 | 17.59 | 4.04 |
| Urban Unrestricted | 15 | 3 | 13.28 | 6.51 | Rural Restricted | 15 | 0 | 8.17 | 8.17 | Urban Restricted | 15 | 7 | 17.40 | 3.90 |
| Urban Unrestricted | 16 | 3 | 13.20 | 6.34 | Rural Restricted | 16 | 0 | 8.02 | 8.02 | Urban Restricted | 16 | 7 | 17.45 | 3.73 |
| Urban Unrestricted | 17 | 3 | 13.12 | 6.20 | Rural Restricted | 17 | 0 | 7.90 | 7.90 | Urban Restricted | 17 | 7 | 18.06 | 3.49 |
| Urban Unrestricted | 18 | 3 | 13.06 | 6.07 | Rural Restricted | 18 | 0 | 7.79 | 7.79 | Urban Restricted | 18 | 7 | 18.61 | 3.27 |
| Urban Unrestricted | 19 | 3 | 12.96 | 5.89 | Rural Restricted | 19 | 0 | 7.69 | 7.69 | Urban Restricted | 19 | 7 | 19.10 | 3.08 |
| Urban Unrestricted | 20 | 3 | 12.81 | 5.64 | Rural Restricted | 20 | 0 | 7.61 | 7.61 | Urban Restricted | 20 | 7 | 19.54 | 2.90 |
| Urban Unrestricted | 21 | 3 | 12.67 | 5.41 | Rural Restricted | 21 | 0 | 7.51 | 7.51 | Urban Restricted | 21 | 7 | 19.78 | 2.76 |
| Urban Unrestricted | 22 | 3 | 12.51 | 5.15 | Rural Restricted | 22 | 0 | 7.35 | 7.35 | Urban Restricted | 22 | 7 | 19.75 | 2.62 |
| Urban Unrestricted | 23 | 3 | 12.36 | 4.92 | Rural Restricted | 23 | 0 | 7.20 | 7.20 | Urban Restricted | 23 | 7 | 19.72 | 2.49 |
| Urban Unrestricted | 24 | 3 | 12.23 | 4.71 | Rural Restricted | 24 | 0 | 7.07 | 7.07 | Urban Restricted | 24 | 7 | 19.70 | 2.38 |
| Urban Unrestricted | 25 | 3 | 12.09 | 4.57 | Rural Restricted | 25 | 0 | 6.99 | 6.99 | Urban Restricted | 25 | 7 | 19.65 | 2.32 |
| Urban Unrestricted | 26 | 3 | 12.00 | 4.54 | Rural Restricted | 26 | 0 | 6.96 | 6.96 | Urban Restricted | 26 | 7 | 19.57 | 2.30 |
| Urban Unrestricted | 27 | 3 | 11.95 | 4.52 | Rural Restricted | 27 | 0 | 6.93 | 6.93 | Urban Restricted | 27 | 7 | 19.50 | 2.29 |
| Urban Unrestricted | 28 | 3 | 11.90 | 4.50 | Rural Restricted | 28 | 0 | 6.90 | 6.90 | Urban Restricted | 28 | 7 | 19.44 | 2.27 |
| Urban Unrestricted | 29 | 3 | 11.86 | 4.49 | Rural Restricted | 29 | 0 | 6.87 | 6.87 | Urban Restricted | 29 | 7 | 19.38 | 2.26 |
| Urban Unrestricted | 30 | 3 | 11.82 | 4.47 | Rural Restricted | 30 | 0 | 6.85 | 6.85 | Urban Restricted | 30 | 7 | 19.33 | 2.25 |
| Urban Unrestricted | 31 | 3 | 11.79 | 4.46 | Rural Restricted | 31 | 0 | 6.83 | 6.83 | Urban Restricted | 31 | 7 | 19.42 | 2.23 |
| Urban Unrestricted | 32 | 3 | 11.61 | 4.32 | Rural Restricted | 32 | 0 | 6.67 | 6.67 | Urban Restricted | 32 | 7 | 19.47 | 2.14 |
| Urban Unrestricted | 33 | 3 | 11.30 | 4.08 | Rural Restricted | 33 | 0 | 6.39 | 6.39 | Urban Restricted | 33 | 7 | 19.35 | 1.98 |
| Urban Unrestricted | 34 | 3 | 11.01 | 3.86 | Rural Restricted | 34 | 0 | 6.13 | 6.13 | Urban Restricted | 34 | 7 | 19.23 | 1.83 |
| Urban Unrestricted | 35 | 3 | 10.86 | 3.74 | Rural Restricted | 35 | 0 | 5.97 | 5.97 | Urban Restricted | 35 | 7 | 19.27 | 1.75 |
| Urban Unrestricted | 36 | 3 | 10.81 | 3.67 | Rural Restricted | 36 | 0 | 5.89 | 5.89 | Urban Restricted | 36 | 7 | 19.41 | 1.70 |
| Urban Unrestricted | 37 | 3 | 10.76 | 3.61 | Rural Restricted | 37 | 0 | 5.81 | 5.81 | Urban Restricted | 37 | 7 | 19.54 | 1.66 |
| Urban Unrestricted | 38 | 3 | 10.71 | 3.55 | Rural Restricted | 38 | 0 | 5.74 | 5.74 | Urban Restricted | 38 | 7 | 19.66 | 1.62 |
| Urban Unrestricted | 39 | 3 | 10.67 | 3.49 | Rural Restricted | 39 | 0 | 5.67 | 5.67 | Urban Restricted | 39 | 7 | 19.77 | 1.58 |
| Urban Unrestricted | 40 | 3 | 10.63 | 3.44 | Rural Restricted | 40 | 0 | 5.60 | 5.60 | Urban Restricted | 40 | 7 | 19.89 | 1.55 |
| Urban Unrestricted | 41 | 3 | 10.59 | 3.39 | Rural Restricted | 41 | 0 | 5.54 | 5.54 | Urban Restricted | 41 | 7 | 19.99 | 1.52 |
| Urban Unrestricted | 42 | 3 | 10.55 | 3.34 | Rural Restricted | 42 | 0 | 5.47 | 5.47 | Urban Restricted | 42 | 7 | 20.09 | 1.48 |
| Urban Unrestricted | 43 | 3 | 10.52 | 3.30 | Rural Restricted | 43 | 0 | 5.42 | 5.42 | Urban Restricted | 43 | 7 | 20.19 | 1.45 |
| Urban Unrestricted | 44 | 3 | 10.51 | 3.26 | Rural Restricted | 44 | 0 | 5.36 | 5.36 | Urban Restricted | 44 | 7 | 20.28 | 1.42 |
| Urban Unrestricted | 45 | 3 | 10.49 | 3.22 | Rural Restricted | 45 | 0 | 5.30 | 5.30 | Urban Restricted | 45 | 7 | 20.33 | 1.39 |
| Urban Unrestricted | 46 | 3 | 10.45 | 3.20 | Rural Restricted | 46 | 0 | 5.25 | 5.25 | Urban Restricted | 46 | 7 | 20.36 | 1.36 |
| Urban Unrestricted | 47 | 3 | 10.42 | 3.18 | Rural Restricted | 47 | 0 | 5.19 | 5.19 | Urban Restricted | 47 | 7 | 20.41 | 1.33 |
| Urban Unrestricted | 48 | 3 | 10.38 | 3.15 | Rural Restricted | 48 | 0 | 5.15 | 5.15 | Urban Restricted | 48 | 7 | 20.47 | 1.29 |
| Urban Unrestricted | 49 | 3 | 10.35 | 3.13 | Rural Restricted | 49 | 0 | 5.10 | 5.10 | Urban Restricted | 49 | 7 | 20.53 | 1.26 |
| Urban Unrestricted | 50 | 3 | 10.32 | 3.11 | Rural Restricted | 50 | 0 | 5.06 | 5.06 | Urban Restricted | 50 | 7 | 20.58 | 1.23 |
| Urban Unrestricted | 51 | 3 | 10.30 | 3.09 | Rural Restricted | 51 | 0 | 5.01 | 5.01 | Urban Restricted | 51 | 7 | 20.63 | 1.20 |
| Urban Unrestricted | 52 | 3 | 10.27 | 3.07 | Rural Restricted | 52 | 0 | 4.97 | 4.97 | Urban Restricted | 52 | 7 | 20.68 | 1.17 |
| Urban Unrestricted | 53 | 3 | 10.25 | 3.06 | Rural Restricted | 53 | 0 | 4.93 | 4.93 | Urban Restricted | 53 | 7 | 20.73 | 1.15 |
| Urban Unrestricted | 54 | 3 | 10.28 | 3.06 | Rural Restricted | 54 | 0 | 4.89 | 4.89 | Urban Restricted | 54 | 7 | 20.78 | 1.12 |
| Urban Unrestricted | 55 | 3 | 10.30 | 3.05 | Rural Restricted | 55 | 0 | 4.86 | 4.86 | Urban Restricted | 55 | 7 | 20.82 | 1.10 |
| Urban Unrestricted | 56 | 3 | 10.35 | 3.04 | Rural Restricted | 56 | 0 | 4.81 | 4.81 | Urban Restricted | 56 | 7 | 20.88 | 1.07 |
| Urban Unrestricted | 57 | 3 | 10.42 | 3.03 | Rural Restricted | 57 | 0 | 4.75 | 4.75 | Urban Restricted | 57 | 7 | 20.96 | 1.04 |
| Urban Unrestricted | 58 | 3 | 10.49 | 3.01 | Rural Restricted | 58 | 0 | 4.70 | 4.70 | Urban Restricted | 58 | 7 | 21.03 | 1.01 |
| Urban Unrestricted | 59 | 3 | 10.55 | 2.99 | Rural Restricted | 59 | 0 | 4.65 | 4.65 | Urban Restricted | 59 | 7 | 21.09 | 0.98 |
| Urban Unrestricted | 60 | 3 | 10.62 | 2.97 | Rural Restricted | 60 | 0 | 4.63 | 4.63 | Urban Restricted | 60 | 7 | 21.13 | 0.96 |
| Urban Unrestricted | 61 | 3 | 10.70 | 2.96 | Rural Restricted | 61 | 0 | 4.65 | 4.65 | Urban Restricted | 61 | 7 | 21.22 | 0.94 |
| Urban Unrestricted | 62 | 3 | 10.78 | 2.94 | Rural Restricted | 62 | 0 | 4.70 | 4.70 | Urban Restricted | 62 | 7 | 21.35 | 0.92 |
| Urban Unrestricted | 63 | 3 | 10.87 | 2.92 | Rural Restricted | 63 | 0 | 4.74 | 4.74 | Urban Restricted | 63 | 7 | 21.47 | 0.91 |
| Urban Unrestricted | 64 | 3 | 11.04 | 2.90 | Rural Restricted | 64 | 0 | 4.78 | 4.78 | Urban Restricted | 64 | 7 | 21.59 | 0.89 |
| Urban Unrestricted | 65 | 3 | 11.35 | 2.89 | Rural Restricted | 65 | 0 | 4.91 | 4.91 | Urban Restricted | 65 | 7 | 21.75 | 0.88 |
| Urban Unrestricted | 66 | 3 | 11.66 | 2.87 | Rural Restricted | 66 | 0 | 5.09 | 5.09 | Urban Restricted | 66 | 7 | 21.94 | 0.87 |
| Urban Unrestricted | 67 | 3 | 11.96 | 2.86 | Rural Restricted | 67 | 0 | 5.23 | 5.23 | Urban Restricted | 67 | 7 | 22.11 | 0.85 |
| Urban Unrestricted | 68 | 3 | 12.25 | 2.85 | Rural Restricted | 68 | 0 | 5.35 | 5.35 | Urban Restricted | 68 | 7 | 22.28 | 0.84 |
| Urban Unrestricted | 69 | 3 | 12.53 | 2.84 | Rural Restricted | 69 | 0 | 5.47 | 5.47 | Urban Restricted | 69 | 7 | 22.43 | 0.82 |
| Urban Unrestricted | 70 | 3 | 12.80 | 2.83 | Rural Restricted | 70 | 0 | 5.59 | 5.59 | Urban Restricted | 70 | 7 | 22.59 | 0.80 |
| Urban Unrestricted | 71 | 3 | 13.07 | 2.82 | Rural Restricted | 71 | 0 | 5.70 | 5.70 | Urban Restricted | 71 | 7 | 22.74 | 0.79 |
| Urban Unrestricted | 72 | 3 | 13.33 | 2.81 | Rural Restricted | 72 | 0 | 5.81 | 5.81 | Urban Restricted | 72 | 7 | 22.88 | 0.77 |
| Urban Unrestricted | 73 | 3 | 13.58 | 2.80 | Rural Restricted | 73 | 0 | 5.92 | 5.92 | Urban Restricted | 73 | 7 | 23.02 | 0.76 |
| Urban Unrestricted | 74 | 3 | 13.85 | 2.85 | Rural Restricted | 74 | 0 | 6.17 | 6.17 | Urban Restricted | 74 | 7 | 23.07 | 0.77 |
| Urban Unrestricted | 75 | 3 | 14.18 | 3.12 | Rural Restricted | 75 | 0 | 6.85 | 6.85 | Urban Restricted | 75 | 7 | 22.76 | 0.85 |
| Rural Unrestricted | 1 | 4 | 68.84 | 40.14 | Urban Restricted | 1 | 0 | 63.42 | 63.42 | Rural Restricted | 1 | 8 | 70.31 | 28.98 |
| Rural Unrestricted | 2 | 4 | 35.01 | 20.33 | Urban Restricted | 2 | 0 | 31.80 | 31.80 | Rural Restricted | 2 | 8 | 36.12 | 14.67 |
| Rural Unrestricted | 3 | 4 | 25.98 | 14.67 | Urban Restricted | 3 | 0 | 21.80 | 21.80 | Rural Restricted | 3 | 8 | 28.32 | 10.47 |
| Rural Unrestricted | 4 | 4 | 22.19 | 12.15 | Urban Restricted | 4 | 0 | 17.06 | 17.06 | Rural Restricted | 4 | 8 | 25.54 | 8.51 |
| Rural Unrestricted | 5 | 4 | 19.99 | 10.60 | Urban Restricted | 5 | 0 | 14.36 | 14.36 | Rural Restricted | 5 | 8 | 23.96 | 7.26 |
| Rural Unrestricted | 6 | 4 | 18.62 | 9.53 | Urban Restricted | 6 | 0 | 12.73 | 12.73 | Rural Restricted | 6 | 8 | 22.99 | 6.34 |
| Rural Unrestricted | 7 | 4 | 17.63 | 8.76 | Urban Restricted | 7 | 0 | 11.57 | 11.57 | Rural Restricted | 7 | 8 | 22.31 | 5.68 |
| Rural Unrestricted | 8 | 4 | 16.89 | 8.19 | Urban Restricted | 8 | 0 | 10.69 | 10.69 | Rural Restricted | 8 | 8 | 21.79 | 5.19 |
| Rural Unrestricted | 9 | 4 | 16.32 | 7.74 | Urban Restricted | 9 | 0 | 10.02 | 10.02 | Rural Restricted | 9 | 8 | 21.24 | 4.81 |
| Rural Unrestricted | 10 | 4 | 15.85 | 7.38 | Urban Restricted | 10 | 0 | 9.50 | 9.50 | Rural Restricted | 10 | 8 | 20.42 | 4.51 |
| Rural Unrestricted | 11 | 4 | 15.52 | 7.07 | Urban Restricted | 11 | 0 | 9.10 | 9.10 | Rural Restricted | 11 | 8 | 19.85 | 4.26 |
| Rural Unrestricted | 12 | 4 | 15.35 | 6.75 | Urban Restricted | 12 | 0 | 8.80 | 8.80 | Rural Restricted | 12 | 8 | 19.59 | 4.05 |
| Rural Unrestricted | 13 | 4 | 15.21 | 6.48 | Urban Restricted | 13 | 0 | 8.55 | 8.55 | Rural Restricted | 13 | 8 | 19.36 | 3.87 |
| Rural Unrestricted | 14 | 4 | 15.08 | 6.26 | Urban Restricted | 14 | 0 | 8.34 | 8.34 | Rural Restricted | 14 | 8 | 19.17 | 3.72 |
| Rural Unrestricted | 15 | 4 | 14.97 | 6.06 | Urban Restricted | 15 | 0 | 8.15 | 8.15 | Rural Restricted | 15 | 8 | 19.00 | 3.59 |
| Rural Unrestricted | 16 | 4 | 14.87 | 5.88 | Urban Restricted | 16 | 0 | 8.00 | 8.00 | Rural Restricted | 16 | 8 | 19.10 | 3.43 |
| Rural Unrestricted | 17 | 4 | 14.78 | 5.71 | Urban Restricted | 17 | 0 | 7.88 | 7.88 | Rural Restricted | 17 | 8 | 19.85 | 3.20 |
| Rural Unrestricted | 18 | 4 | 14.70 | 5.56 | Urban Restricted | 18 | 0 | 7.77 | 7.77 | Rural Restricted | 18 | 8 | 20.52 | 2.99 |
| Rural Unrestricted | 19 | 4 | 14.59 | 5.35 | Urban Restricted | 19 | 0 | 7.68 | 7.68 | Rural Restricted | 19 | 8 | 21.12 | 2.81 |
| Rural Unrestricted | 20 | 4 | 14.44 | 5.07 | Urban Restricted | 20 | 0 | 7.59 | 7.59 | Rural Restricted | 20 | 8 | 21.66 | 2.64 |
| Rural Unrestricted | 21 | 4 | 14.33 | 4.81 | Urban Restricted | 21 | 0 | 7.49 | 7.49 | Rural Restricted | 21 | 8 | 21.99 | 2.50 |
| Rural Unrestricted | 22 | 4 | 14.28 | 4.53 | Urban Restricted | 22 | 0 | 7.33 | 7.33 | Rural Restricted | 22 | 8 | 22.03 | 2.38 |
| Rural Unrestricted | 23 | 4 | 14.24 | 4.28 | Urban Restricted | 23 | 0 | 7.19 | 7.19 | Rural Restricted | 23 | 8 | 22.06 | 2.26 |
| Rural Unrestricted | 24 | 4 | 14.20 | 4.05 | Urban Restricted | 24 | 0 | 7.06 | 7.06 | Rural Restricted | 24 | 8 | 22.10 | 2.16 |
| Rural Unrestricted | 25 | 4 | 14.10 | 3.91 | Urban Restricted | 25 | 0 | 6.98 | 6.98 | Rural Restricted | 25 | 8 | 22.11 | 2.09 |
| Rural Unrestricted | 26 | 4 | 13.98 | 3.87 | Urban Restricted | 26 | 0 | 6.94 | 6.94 | Rural Restricted | 26 | 8 | 22.10 | 2.06 |
| Rural Unrestricted | 27 | 4 | 13.88 | 3.85 | Urban Restricted | 27 | 0 | 6.91 | 6.91 | Rural Restricted | 27 | 8 | 22.09 | 2.03 |
| Rural Unrestricted | 28 | 4 | 13.78 | 3.84 | Urban Restricted | 28 | 0 | 6.89 | 6.89 | Rural Restricted | 28 | 8 | 22.09 | 2.00 |
| Rural Unrestricted | 29 | 4 | 13.69 | 3.83 | Urban Restricted | 29 | 0 | 6.86 | 6.86 | Rural Restricted | 29 | 8 | 22.08 | 1.97 |
| Rural Unrestricted | 30 | 4 | 13.61 | 3.82 | Urban Restricted | 30 | 0 | 6.83 | 6.83 | Rural Restricted | 30 | 8 | 22.07 | 1.95 |
| Rural Unrestricted | 31 | 4 | 13.54 | 3.80 | Urban Restricted | 31 | 0 | 6.81 | 6.81 | Rural Restricted | 31 | 8 | 22.21 | 1.92 |
| Rural Unrestricted | 32 | 4 | 13.42 | 3.70 | Urban Restricted | 32 | 0 | 6.65 | 6.65 | Rural Restricted | 32 | 8 | 22.29 | 1.84 |
| Rural Unrestricted | 33 | 4 | 13.15 | 3.52 | Urban Restricted | 33 | 0 | 6.38 | 6.38 | Rural Restricted | 33 | 8 | 22.21 | 1.72 |
| Rural Unrestricted | 34 | 4 | 12.90 | 3.35 | Urban Restricted | 34 | 0 | 6.12 | 6.12 | Rural Restricted | 34 | 8 | 22.13 | 1.61 |
| Rural Unrestricted | 35 | 4 | 12.81 | 3.25 | Urban Restricted | 35 | 0 | 5.96 | 5.96 | Rural Restricted | 35 | 8 | 22.19 | 1.54 |
| Rural Unrestricted | 36 | 4 | 12.83 | 3.19 | Urban Restricted | 36 | 0 | 5.88 | 5.88 | Rural Restricted | 36 | 8 | 22.34 | 1.49 |
| Rural Unrestricted | 37 | 4 | 12.85 | 3.14 | Urban Restricted | 37 | 0 | 5.80 | 5.80 | Rural Restricted | 37 | 8 | 22.49 | 1.45 |
| Rural Unrestricted | 38 | 4 | 12.86 | 3.09 | Urban Restricted | 38 | 0 | 5.73 | 5.73 | Rural Restricted | 38 | 8 | 22.62 | 1.41 |
| Rural Unrestricted | 39 | 4 | 12.88 | 3.05 | Urban Restricted | 39 | 0 | 5.65 | 5.65 | Rural Restricted | 39 | 8 | 22.75 | 1.37 |
| Rural Unrestricted | 40 | 4 | 12.89 | 3.00 | Urban Restricted | 40 | 0 | 5.59 | 5.59 | Rural Restricted | 40 | 8 | 22.87 | 1.33 |
| Rural Unrestricted | 41 | 4 | 12.90 | 2.96 | Urban Restricted | 41 | 0 | 5.52 | 5.52 | Rural Restricted | 41 | 8 | 22.99 | 1.30 |
| Rural Unrestricted | 42 | 4 | 12.92 | 2.92 | Urban Restricted | 42 | 0 | 5.46 | 5.46 | Rural Restricted | 42 | 8 | 23.10 | 1.26 |
| Rural Unrestricted | 43 | 4 | 12.93 | 2.88 | Urban Restricted | 43 | 0 | 5.40 | 5.40 | Rural Restricted | 43 | 8 | 23.20 | 1.23 |
| Rural Unrestricted | 44 | 4 | 12.94 | 2.85 | Urban Restricted | 44 | 0 | 5.35 | 5.35 | Rural Restricted | 44 | 8 | 23.30 | 1.20 |
| Rural Unrestricted | 45 | 4 | 12.93 | 2.82 | Urban Restricted | 45 | 0 | 5.29 | 5.29 | Rural Restricted | 45 | 8 | 23.37 | 1.17 |
| Rural Unrestricted | 46 | 4 | 12.89 | 2.79 | Urban Restricted | 46 | 0 | 5.23 | 5.23 | Rural Restricted | 46 | 8 | 23.41 | 1.14 |
| Rural Unrestricted | 47 | 4 | 12.86 | 2.76 | Urban Restricted | 47 | 0 | 5.18 | 5.18 | Rural Restricted | 47 | 8 | 23.42 | 1.10 |
| Rural Unrestricted | 48 | 4 | 12.83 | 2.74 | Urban Restricted | 48 | 0 | 5.14 | 5.14 | Rural Restricted | 48 | 8 | 23.43 | 1.07 |
| Rural Unrestricted | 49 | 4 | 12.81 | 2.71 | Urban Restricted | 49 | 0 | 5.09 | 5.09 | Rural Restricted | 49 | 8 | 23.44 | 1.04 |
| Rural Unrestricted | 50 | 4 | 12.82 | 2.70 | Urban Restricted | 50 | 0 | 5.05 | 5.05 | Rural Restricted | 50 | 8 | 23.45 | 1.01 |
| Rural Unrestricted | 51 | 4 | 12.83 | 2.69 | Urban Restricted | 51 | 0 | 5.00 | 5.00 | Rural Restricted | 51 | 8 | 23.46 | 0.98 |
| Rural Unrestricted | 52 | 4 | 12.85 | 2.68 | Urban Restricted | 52 | 0 | 4.96 | 4.96 | Rural Restricted | 52 | 8 | 23.47 | 0.95 |
| Rural Unrestricted | 53 | 4 | 12.87 | 2.67 | Urban Restricted | 53 | 0 | 4.92 | 4.92 | Rural Restricted | 53 | 8 | 23.48 | 0.92 |
| Rural Unrestricted | 54 | 4 | 12.88 | 2.66 | Urban Restricted | 54 | 0 | 4.89 | 4.89 | Rural Restricted | 54 | 8 | 23.49 | 0.90 |
| Rural Unrestricted | 55 | 4 | 12.89 | 2.66 | Urban Restricted | 55 | 0 | 4.85 | 4.85 | Rural Restricted | 55 | 8 | 23.50 | 0.87 |
| Rural Unrestricted | 56 | 4 | 12.92 | 2.64 | Urban Restricted | 56 | 0 | 4.80 | 4.80 | Rural Restricted | 56 | 8 | 23.53 | 0.85 |
| Rural Unrestricted | 57 | 4 | 12.94 | 2.63 | Urban Restricted | 57 | 0 | 4.75 | 4.75 | Rural Restricted | 57 | 8 | 23.57 | 0.83 |
| Rural Unrestricted | 58 | 4 | 12.97 | 2.62 | Urban Restricted | 58 | 0 | 4.69 | 4.69 | Rural Restricted | 58 | 8 | 23.62 | 0.81 |
| Rural Unrestricted | 59 | 4 | 13.00 | 2.61 | Urban Restricted | 59 | 0 | 4.65 | 4.65 | Rural Restricted | 59 | 8 | 23.64 | 0.79 |
| Rural Unrestricted | 60 | 4 | 13.02 | 2.59 | Urban Restricted | 60 | 0 | 4.63 | 4.63 | Rural Restricted | 60 | 8 | 23.60 | 0.78 |
| Rural Unrestricted | 61 | 4 | 13.08 | 2.57 | Urban Restricted | 61 | 0 | 4.65 | 4.65 | Rural Restricted | 61 | 8 | 23.59 | 0.77 |
| Rural Unrestricted | 62 | 4 | 13.15 | 2.55 | Urban Restricted | 62 | 0 | 4.69 | 4.69 | Rural Restricted | 62 | 8 | 23.61 | 0.75 |
| Rural Unrestricted | 63 | 4 | 13.22 | 2.52 | Urban Restricted | 63 | 0 | 4.73 | 4.73 | Rural Restricted | 63 | 8 | 23.63 | 0.74 |
| Rural Unrestricted | 64 | 4 | 13.39 | 2.50 | Urban Restricted | 64 | 0 | 4.77 | 4.77 | Rural Restricted | 64 | 8 | 23.65 | 0.73 |
| Rural Unrestricted | 65 | 4 | 13.74 | 2.48 | Urban Restricted | 65 | 0 | 4.90 | 4.90 | Rural Restricted | 65 | 8 | 23.73 | 0.71 |
| Rural Unrestricted | 66 | 4 | 14.08 | 2.45 | Urban Restricted | 66 | 0 | 5.08 | 5.08 | Rural Restricted | 66 | 8 | 23.86 | 0.70 |
| Rural Unrestricted | 67 | 4 | 14.42 | 2.43 | Urban Restricted | 67 | 0 | 5.23 | 5.23 | Rural Restricted | 67 | 8 | 23.92 | 0.68 |
| Rural Unrestricted | 68 | 4 | 14.74 | 2.40 | Urban Restricted | 68 | 0 | 5.35 | 5.35 | Rural Restricted | 68 | 8 | 23.94 | 0.67 |
| Rural Unrestricted | 69 | 4 | 15.06 | 2.38 | Urban Restricted | 69 | 0 | 5.47 | 5.47 | Rural Restricted | 69 | 8 | 23.96 | 0.65 |
| Rural Unrestricted | 70 | 4 | 15.36 | 2.36 | Urban Restricted | 70 | 0 | 5.58 | 5.58 | Rural Restricted | 70 | 8 | 23.98 | 0.64 |
| Rural Unrestricted | 71 | 4 | 15.66 | 2.34 | Urban Restricted | 71 | 0 | 5.70 | 5.70 | Rural Restricted | 71 | 8 | 24.00 | 0.62 |
| Rural Unrestricted | 72 | 4 | 15.95 | 2.32 | Urban Restricted | 72 | 0 | 5.81 | 5.81 | Rural Restricted | 72 | 8 | 24.02 | 0.61 |
| Rural Unrestricted | 73 | 4 | 16.24 | 2.30 | Urban Restricted | 73 | 0 | 5.92 | 5.92 | Rural Restricted | 73 | 8 | 24.05 | 0.60 |
| Rural Unrestricted | 74 | 4 | 16.57 | 2.32 | Urban Restricted | 74 | 0 | 6.17 | 6.17 | Rural Restricted | 74 | 8 | 24.05 | 0.59 |
| Rural Unrestricted | 75 | 4 | 16.88 | 2.49 | Urban Restricted | 75 | 0 | 6.85 | 6.85 | Rural Restricted | 75 | 8 | 23.88 | 0.63 |
| Urban Unrestricted | 1 | 4 | 68.64 | 39.95 | Rural Restricted | 1 | 1 | 65.80 | 48.14 | Urban Restricted | 1 | 8 | 70.18 | 28.85 |
| Urban Unrestricted | 2 | 4 | 34.91 | 20.23 | Rural Restricted | 2 | 1 | 33.09 | 24.59 | Urban Restricted | 2 | 8 | 36.04 | 14.60 |
| Urban Unrestricted | 3 | 4 | 25.91 | 14.61 | Rural Restricted | 3 | 1 | 23.01 | 18.12 | Urban Restricted | 3 | 8 | 28.25 | 10.42 |
| Urban Unrestricted | 4 | 4 | 22.14 | 12.10 | Rural Restricted | 4 | 1 | 18.26 | 15.06 | Urban Restricted | 4 | 8 | 25.49 | 8.47 |
| Urban Unrestricted | 5 | 4 | 19.95 | 10.56 | Rural Restricted | 5 | 1 | 15.52 | 13.04 | Urban Restricted | 5 | 8 | 23.91 | 7.23 |
| Urban Unrestricted | 6 | 4 | 18.58 | 9.49 | Rural Restricted | 6 | 1 | 13.82 | 11.47 | Urban Restricted | 6 | 8 | 22.96 | 6.32 |
| Urban Unrestricted | 7 | 4 | 17.60 | 8.73 | Rural Restricted | 7 | 1 | 12.61 | 10.34 | Urban Restricted | 7 | 8 | 22.28 | 5.66 |
| Urban Unrestricted | 8 | 4 | 16.86 | 8.16 | Rural Restricted | 8 | 1 | 11.70 | 9.49 | Urban Restricted | 8 | 8 | 21.77 | 5.17 |
| Urban Unrestricted | 9 | 4 | 16.29 | 7.72 | Rural Restricted | 9 | 1 | 11.01 | 8.86 | Urban Restricted | 9 | 8 | 21.21 | 4.79 |
| Urban Unrestricted | 10 | 4 | 15.83 | 7.36 | Rural Restricted | 10 | 1 | 10.48 | 8.43 | Urban Restricted | 10 | 8 | 20.39 | 4.49 |
| Urban Unrestricted | 11 | 4 | 15.50 | 7.05 | Rural Restricted | 11 | 1 | 10.12 | 8.07 | Urban Restricted | 11 | 8 | 19.82 | 4.25 |
| Urban Unrestricted | 12 | 4 | 15.33 | 6.73 | Rural Restricted | 12 | 1 | 9.94 | 7.79 | Urban Restricted | 12 | 8 | 19.55 | 4.04 |
| Urban Unrestricted | 13 | 4 | 15.18 | 6.47 | Rural Restricted | 13 | 1 | 9.80 | 7.55 | Urban Restricted | 13 | 8 | 19.33 | 3.86 |
| Urban Unrestricted | 14 | 4 | 15.06 | 6.24 | Rural Restricted | 14 | 1 | 9.67 | 7.34 | Urban Restricted | 14 | 8 | 19.13 | 3.71 |
| Urban Unrestricted | 15 | 4 | 14.95 | 6.04 | Rural Restricted | 15 | 1 | 9.56 | 7.17 | Urban Restricted | 15 | 8 | 18.96 | 3.58 |
| Urban Unrestricted | 16 | 4 | 14.86 | 5.86 | Rural Restricted | 16 | 1 | 9.45 | 7.00 | Urban Restricted | 16 | 8 | 19.06 | 3.42 |
| Urban Unrestricted | 17 | 4 | 14.76 | 5.70 | Rural Restricted | 17 | 1 | 9.32 | 6.82 | Urban Restricted | 17 | 8 | 19.82 | 3.19 |
| Urban Unrestricted | 18 | 4 | 14.68 | 5.55 | Rural Restricted | 18 | 1 | 9.21 | 6.66 | Urban Restricted | 18 | 8 | 20.50 | 2.98 |
| Urban Unrestricted | 19 | 4 | 14.57 | 5.34 | Rural Restricted | 19 | 1 | 9.11 | 6.52 | Urban Restricted | 19 | 8 | 21.10 | 2.80 |
| Urban Unrestricted | 20 | 4 | 14.42 | 5.06 | Rural Restricted | 20 | 1 | 9.02 | 6.39 | Urban Restricted | 20 | 8 | 21.65 | 2.63 |
| Urban Unrestricted | 21 | 4 | 14.31 | 4.79 | Rural Restricted | 21 | 1 | 8.92 | 6.27 | Urban Restricted | 21 | 8 | 21.98 | 2.49 |
| Urban Unrestricted | 22 | 4 | 14.26 | 4.52 | Rural Restricted | 22 | 1 | 8.75 | 6.15 | Urban Restricted | 22 | 8 | 22.02 | 2.37 |
| Urban Unrestricted | 23 | 4 | 14.22 | 4.27 | Rural Restricted | 23 | 1 | 8.59 | 6.05 | Urban Restricted | 23 | 8 | 22.06 | 2.25 |
| Urban Unrestricted | 24 | 4 | 14.18 | 4.04 | Rural Restricted | 24 | 1 | 8.45 | 5.95 | Urban Restricted | 24 | 8 | 22.09 | 2.15 |
| Urban Unrestricted | 25 | 4 | 14.08 | 3.89 | Rural Restricted | 25 | 1 | 8.35 | 5.89 | Urban Restricted | 25 | 8 | 22.11 | 2.08 |
| Urban Unrestricted | 26 | 4 | 13.96 | 3.86 | Rural Restricted | 26 | 1 | 8.30 | 5.84 | Urban Restricted | 26 | 8 | 22.10 | 2.05 |
| Urban Unrestricted | 27 | 4 | 13.86 | 3.84 | Rural Restricted | 27 | 1 | 8.24 | 5.80 | Urban Restricted | 27 | 8 | 22.09 | 2.02 |
| Urban Unrestricted | 28 | 4 | 13.76 | 3.83 | Rural Restricted | 28 | 1 | 8.19 | 5.77 | Urban Restricted | 28 | 8 | 22.09 | 1.99 |
| Urban Unrestricted | 29 | 4 | 13.68 | 3.82 | Rural Restricted | 29 | 1 | 8.15 | 5.73 | Urban Restricted | 29 | 8 | 22.08 | 1.96 |
| Urban Unrestricted | 30 | 4 | 13.60 | 3.80 | Rural Restricted | 30 | 1 | 8.11 | 5.70 | Urban Restricted | 30 | 8 | 22.07 | 1.94 |
| Urban Unrestricted | 31 | 4 | 13.52 | 3.79 | Rural Restricted | 31 | 1 | 8.08 | 5.67 | Urban Restricted | 31 | 8 | 22.21 | 1.91 |
| Urban Unrestricted | 32 | 4 | 13.40 | 3.68 | Rural Restricted | 32 | 1 | 7.91 | 5.52 | Urban Restricted | 32 | 8 | 22.30 | 1.83 |
| Urban Unrestricted | 33 | 4 | 13.13 | 3.50 | Rural Restricted | 33 | 1 | 7.58 | 5.26 | Urban Restricted | 33 | 8 | 22.22 | 1.71 |
| Urban Unrestricted | 34 | 4 | 12.88 | 3.32 | Rural Restricted | 34 | 1 | 7.26 | 5.01 | Urban Restricted | 34 | 8 | 22.14 | 1.60 |
| Urban Unrestricted | 35 | 4 | 12.80 | 3.22 | Rural Restricted | 35 | 1 | 7.11 | 4.88 | Urban Restricted | 35 | 8 | 22.21 | 1.53 |
| Urban Unrestricted | 36 | 4 | 12.81 | 3.16 | Rural Restricted | 36 | 1 | 7.05 | 4.82 | Urban Restricted | 36 | 8 | 22.36 | 1.49 |
| Urban Unrestricted | 37 | 4 | 12.83 | 3.11 | Rural Restricted | 37 | 1 | 7.00 | 4.76 | Urban Restricted | 37 | 8 | 22.51 | 1.44 |
| Urban Unrestricted | 38 | 4 | 12.84 | 3.06 | Rural Restricted | 38 | 1 | 6.95 | 4.70 | Urban Restricted | 38 | 8 | 22.65 | 1.40 |
| Urban Unrestricted | 39 | 4 | 12.86 | 3.01 | Rural Restricted | 39 | 1 | 6.91 | 4.65 | Urban Restricted | 39 | 8 | 22.78 | 1.36 |
| Urban Unrestricted | 40 | 4 | 12.87 | 2.96 | Rural Restricted | 40 | 1 | 6.86 | 4.60 | Urban Restricted | 40 | 8 | 22.90 | 1.33 |
| Urban Unrestricted | 41 | 4 | 12.88 | 2.92 | Rural Restricted | 41 | 1 | 6.82 | 4.55 | Urban Restricted | 41 | 8 | 23.02 | 1.29 |
| Urban Unrestricted | 42 | 4 | 12.89 | 2.88 | Rural Restricted | 42 | 1 | 6.78 | 4.50 | Urban Restricted | 42 | 8 | 23.13 | 1.26 |
| Urban Unrestricted | 43 | 4 | 12.90 | 2.84 | Rural Restricted | 43 | 1 | 6.74 | 4.46 | Urban Restricted | 43 | 8 | 23.24 | 1.23 |
| Urban Unrestricted | 44 | 4 | 12.91 | 2.80 | Rural Restricted | 44 | 1 | 6.70 | 4.42 | Urban Restricted | 44 | 8 | 23.34 | 1.20 |
| Urban Unrestricted | 45 | 4 | 12.88 | 2.78 | Rural Restricted | 45 | 1 | 6.66 | 4.38 | Urban Restricted | 45 | 8 | 23.41 | 1.17 |
| Urban Unrestricted | 46 | 4 | 12.84 | 2.75 | Rural Restricted | 46 | 1 | 6.60 | 4.33 | Urban Restricted | 46 | 8 | 23.45 | 1.13 |
| Urban Unrestricted | 47 | 4 | 12.79 | 2.73 | Rural Restricted | 47 | 1 | 6.54 | 4.29 | Urban Restricted | 47 | 8 | 23.46 | 1.10 |
| Urban Unrestricted | 48 | 4 | 12.75 | 2.71 | Rural Restricted | 48 | 1 | 6.48 | 4.25 | Urban Restricted | 48 | 8 | 23.48 | 1.07 |
| Urban Unrestricted | 49 | 4 | 12.71 | 2.68 | Rural Restricted | 49 | 1 | 6.42 | 4.20 | Urban Restricted | 49 | 8 | 23.49 | 1.03 |
| Urban Unrestricted | 50 | 4 | 12.67 | 2.66 | Rural Restricted | 50 | 1 | 6.37 | 4.16 | Urban Restricted | 50 | 8 | 23.50 | 1.00 |
| Urban Unrestricted | 51 | 4 | 12.64 | 2.65 | Rural Restricted | 51 | 1 | 6.31 | 4.12 | Urban Restricted | 51 | 8 | 23.51 | 0.97 |
| Urban Unrestricted | 52 | 4 | 12.60 | 2.63 | Rural Restricted | 52 | 1 | 6.26 | 4.09 | Urban Restricted | 52 | 8 | 23.52 | 0.94 |
| Urban Unrestricted | 53 | 4 | 12.58 | 2.61 | Rural Restricted | 53 | 1 | 6.21 | 4.05 | Urban Restricted | 53 | 8 | 23.53 | 0.92 |
| Urban Unrestricted | 54 | 4 | 12.63 | 2.61 | Rural Restricted | 54 | 1 | 6.17 | 4.01 | Urban Restricted | 54 | 8 | 23.54 | 0.89 |
| Urban Unrestricted | 55 | 4 | 12.67 | 2.60 | Rural Restricted | 55 | 1 | 6.12 | 3.98 | Urban Restricted | 55 | 8 | 23.55 | 0.87 |
| Urban Unrestricted | 56 | 4 | 12.72 | 2.60 | Rural Restricted | 56 | 1 | 6.07 | 3.94 | Urban Restricted | 56 | 8 | 23.58 | 0.84 |
| Urban Unrestricted | 57 | 4 | 12.78 | 2.59 | Rural Restricted | 57 | 1 | 6.01 | 3.90 | Urban Restricted | 57 | 8 | 23.63 | 0.82 |
| Urban Unrestricted | 58 | 4 | 12.83 | 2.58 | Rural Restricted | 58 | 1 | 5.96 | 3.86 | Urban Restricted | 58 | 8 | 23.67 | 0.81 |
| Urban Unrestricted | 59 | 4 | 12.88 | 2.57 | Rural Restricted | 59 | 1 | 5.92 | 3.83 | Urban Restricted | 59 | 8 | 23.70 | 0.79 |
| Urban Unrestricted | 60 | 4 | 12.93 | 2.57 | Rural Restricted | 60 | 1 | 5.95 | 3.82 | Urban Restricted | 60 | 8 | 23.65 | 0.77 |
| Urban Unrestricted | 61 | 4 | 13.01 | 2.55 | Rural Restricted | 61 | 1 | 6.05 | 3.82 | Urban Restricted | 61 | 8 | 23.65 | 0.76 |
| Urban Unrestricted | 62 | 4 | 13.11 | 2.53 | Rural Restricted | 62 | 1 | 6.19 | 3.83 | Urban Restricted | 62 | 8 | 23.67 | 0.75 |
| Urban Unrestricted | 63 | 4 | 13.20 | 2.51 | Rural Restricted | 63 | 1 | 6.33 | 3.84 | Urban Restricted | 63 | 8 | 23.69 | 0.74 |
| Urban Unrestricted | 64 | 4 | 13.38 | 2.49 | Rural Restricted | 64 | 1 | 6.46 | 3.85 | Urban Restricted | 64 | 8 | 23.71 | 0.72 |
| Urban Unrestricted | 65 | 4 | 13.73 | 2.46 | Rural Restricted | 65 | 1 | 6.63 | 3.90 | Urban Restricted | 65 | 8 | 23.79 | 0.71 |
| Urban Unrestricted | 66 | 4 | 14.08 | 2.44 | Rural Restricted | 66 | 1 | 6.82 | 3.98 | Urban Restricted | 66 | 8 | 23.92 | 0.69 |
| Urban Unrestricted | 67 | 4 | 14.41 | 2.41 | Rural Restricted | 67 | 1 | 7.04 | 4.04 | Urban Restricted | 67 | 8 | 23.98 | 0.68 |
| Urban Unrestricted | 68 | 4 | 14.74 | 2.39 | Rural Restricted | 68 | 1 | 7.26 | 4.10 | Urban Restricted | 68 | 8 | 24.00 | 0.66 |
| Urban Unrestricted | 69 | 4 | 15.05 | 2.37 | Rural Restricted | 69 | 1 | 7.48 | 4.16 | Urban Restricted | 69 | 8 | 24.02 | 0.65 |
| Urban Unrestricted | 70 | 4 | 15.36 | 2.35 | Rural Restricted | 70 | 1 | 7.69 | 4.22 | Urban Restricted | 70 | 8 | 24.05 | 0.63 |
| Urban Unrestricted | 71 | 4 | 15.66 | 2.32 | Rural Restricted | 71 | 1 | 7.90 | 4.27 | Urban Restricted | 71 | 8 | 24.07 | 0.62 |
| Urban Unrestricted | 72 | 4 | 15.95 | 2.30 | Rural Restricted | 72 | 1 | 8.10 | 4.33 | Urban Restricted | 72 | 8 | 24.09 | 0.61 |
| Urban Unrestricted | 73 | 4 | 16.24 | 2.28 | Rural Restricted | 73 | 1 | 8.30 | 4.38 | Urban Restricted | 73 | 8 | 24.11 | 0.59 |
| Urban Unrestricted | 74 | 4 | 16.57 | 2.30 | Rural Restricted | 74 | 1 | 8.62 | 4.53 | Urban Restricted | 74 | 8 | 24.11 | 0.59 |
| Urban Unrestricted | 75 | 4 | 16.89 | 2.47 | Rural Restricted | 75 | 1 | 9.27 | 4.96 | Urban Restricted | 75 | 8 | 23.94 | 0.63 |
| Rural Unrestricted | 1 | 5 | 69.61 | 32.44 | Urban Restricted | 1 | 1 | 65.65 | 48.04 | Rural Restricted | 1 | 9 | 70.94 | 26.91 |
| Rural Unrestricted | 2 | 5 | 35.49 | 16.51 | Urban Restricted | 2 | 1 | 33.01 | 24.54 | Rural Restricted | 2 | 9 | 36.51 | 13.63 |
| Rural Unrestricted | 3 | 5 | 26.75 | 12.21 | Urban Restricted | 3 | 1 | 22.95 | 18.08 | Rural Restricted | 3 | 9 | 29.04 | 9.77 |
| Rural Unrestricted | 4 | 5 | 23.23 | 10.36 | Urban Restricted | 4 | 1 | 18.21 | 15.03 | Rural Restricted | 4 | 9 | 26.59 | 7.97 |
| Rural Unrestricted | 5 | 5 | 21.17 | 9.18 | Urban Restricted | 5 | 1 | 15.48 | 13.01 | Rural Restricted | 5 | 9 | 25.24 | 6.81 |
| Rural Unrestricted | 6 | 5 | 19.88 | 8.31 | Urban Restricted | 6 | 1 | 13.79 | 11.44 | Rural Restricted | 6 | 9 | 24.47 | 5.94 |
| Rural Unrestricted | 7 | 5 | 18.96 | 7.69 | Urban Restricted | 7 | 1 | 12.58 | 10.31 | Rural Restricted | 7 | 9 | 23.92 | 5.31 |
| Rural Unrestricted | 8 | 5 | 18.26 | 7.22 | Urban Restricted | 8 | 1 | 11.68 | 9.47 | Rural Restricted | 8 | 9 | 23.51 | 4.84 |
| Rural Unrestricted | 9 | 5 | 17.72 | 6.86 | Urban Restricted | 9 | 1 | 10.99 | 8.84 | Rural Restricted | 9 | 9 | 23.01 | 4.48 |
| Rural Unrestricted | 10 | 5 | 17.29 | 6.57 | Urban Restricted | 10 | 1 | 10.46 | 8.41 | Rural Restricted | 10 | 9 | 22.18 | 4.18 |
| Rural Unrestricted | 11 | 5 | 17.00 | 6.30 | Urban Restricted | 11 | 1 | 10.09 | 8.06 | Rural Restricted | 11 | 9 | 21.61 | 3.94 |
| Rural Unrestricted | 12 | 5 | 16.92 | 6.03 | Urban Restricted | 12 | 1 | 9.92 | 7.77 | Rural Restricted | 12 | 9 | 21.34 | 3.74 |
| Rural Unrestricted | 13 | 5 | 16.84 | 5.80 | Urban Restricted | 13 | 1 | 9.78 | 7.53 | Rural Restricted | 13 | 9 | 21.12 | 3.56 |
| Rural Unrestricted | 14 | 5 | 16.78 | 5.60 | Urban Restricted | 14 | 1 | 9.65 | 7.33 | Rural Restricted | 14 | 9 | 20.93 | 3.41 |
| Rural Unrestricted | 15 | 5 | 16.73 | 5.43 | Urban Restricted | 15 | 1 | 9.54 | 7.15 | Rural Restricted | 15 | 9 | 20.76 | 3.29 |
| Rural Unrestricted | 16 | 5 | 16.67 | 5.27 | Urban Restricted | 16 | 1 | 9.43 | 6.98 | Rural Restricted | 16 | 9 | 20.92 | 3.14 |
| Rural Unrestricted | 17 | 5 | 16.59 | 5.13 | Urban Restricted | 17 | 1 | 9.30 | 6.80 | Rural Restricted | 17 | 9 | 21.88 | 2.91 |
| Rural Unrestricted | 18 | 5 | 16.52 | 5.00 | Urban Restricted | 18 | 1 | 9.19 | 6.64 | Rural Restricted | 18 | 9 | 22.73 | 2.71 |
| Rural Unrestricted | 19 | 5 | 16.49 | 4.81 | Urban Restricted | 19 | 1 | 9.09 | 6.50 | Rural Restricted | 19 | 9 | 23.50 | 2.53 |
| Rural Unrestricted | 20 | 5 | 16.52 | 4.54 | Urban Restricted | 20 | 1 | 9.00 | 6.37 | Rural Restricted | 20 | 9 | 24.19 | 2.37 |
| Rural Unrestricted | 21 | 5 | 16.55 | 4.29 | Urban Restricted | 21 | 1 | 8.90 | 6.25 | Rural Restricted | 21 | 9 | 24.58 | 2.24 |
| Rural Unrestricted | 22 | 5 | 16.61 | 4.03 | Urban Restricted | 22 | 1 | 8.73 | 6.14 | Rural Restricted | 22 | 9 | 24.61 | 2.13 |
| Rural Unrestricted | 23 | 5 | 16.67 | 3.79 | Urban Restricted | 23 | 1 | 8.57 | 6.04 | Rural Restricted | 23 | 9 | 24.63 | 2.03 |
| Rural Unrestricted | 24 | 5 | 16.73 | 3.57 | Urban Restricted | 24 | 1 | 8.43 | 5.94 | Rural Restricted | 24 | 9 | 24.65 | 1.93 |
| Rural Unrestricted | 25 | 5 | 16.72 | 3.43 | Urban Restricted | 25 | 1 | 8.33 | 5.87 | Rural Restricted | 25 | 9 | 24.64 | 1.87 |
| Rural Unrestricted | 26 | 5 | 16.54 | 3.39 | Urban Restricted | 26 | 1 | 8.28 | 5.83 | Rural Restricted | 26 | 9 | 24.59 | 1.83 |
| Rural Unrestricted | 27 | 5 | 16.31 | 3.37 | Urban Restricted | 27 | 1 | 8.22 | 5.79 | Rural Restricted | 27 | 9 | 24.54 | 1.79 |
| Rural Unrestricted | 28 | 5 | 16.10 | 3.35 | Urban Restricted | 28 | 1 | 8.18 | 5.75 | Rural Restricted | 28 | 9 | 24.50 | 1.76 |
| Rural Unrestricted | 29 | 5 | 15.91 | 3.33 | Urban Restricted | 29 | 1 | 8.13 | 5.72 | Rural Restricted | 29 | 9 | 24.47 | 1.73 |
| Rural Unrestricted | 30 | 5 | 15.72 | 3.31 | Urban Restricted | 30 | 1 | 8.09 | 5.68 | Rural Restricted | 30 | 9 | 24.43 | 1.70 |
| Rural Unrestricted | 31 | 5 | 15.55 | 3.30 | Urban Restricted | 31 | 1 | 8.07 | 5.66 | Rural Restricted | 31 | 9 | 24.56 | 1.66 |
| Rural Unrestricted | 32 | 5 | 15.49 | 3.18 | Urban Restricted | 32 | 1 | 7.89 | 5.51 | Rural Restricted | 32 | 9 | 24.67 | 1.60 |
| Rural Unrestricted | 33 | 5 | 15.29 | 2.98 | Urban Restricted | 33 | 1 | 7.56 | 5.25 | Rural Restricted | 33 | 9 | 24.62 | 1.51 |
| Rural Unrestricted | 34 | 5 | 15.11 | 2.80 | Urban Restricted | 34 | 1 | 7.25 | 5.00 | Rural Restricted | 34 | 9 | 24.57 | 1.42 |
| Rural Unrestricted | 35 | 5 | 15.07 | 2.70 | Urban Restricted | 35 | 1 | 7.09 | 4.87 | Rural Restricted | 35 | 9 | 24.65 | 1.36 |
| Rural Unrestricted | 36 | 5 | 15.11 | 2.65 | Urban Restricted | 36 | 1 | 7.04 | 4.81 | Rural Restricted | 36 | 9 | 24.82 | 1.32 |
| Rural Unrestricted | 37 | 5 | 15.16 | 2.61 | Urban Restricted | 37 | 1 | 6.99 | 4.75 | Rural Restricted | 37 | 9 | 24.98 | 1.28 |
| Rural Unrestricted | 38 | 5 | 15.20 | 2.57 | Urban Restricted | 38 | 1 | 6.94 | 4.69 | Rural Restricted | 38 | 9 | 25.13 | 1.24 |
| Rural Unrestricted | 39 | 5 | 15.24 | 2.53 | Urban Restricted | 39 | 1 | 6.89 | 4.64 | Rural Restricted | 39 | 9 | 25.27 | 1.20 |
| Rural Unrestricted | 40 | 5 | 15.27 | 2.49 | Urban Restricted | 40 | 1 | 6.85 | 4.59 | Rural Restricted | 40 | 9 | 25.41 | 1.16 |
| Rural Unrestricted | 41 | 5 | 15.31 | 2.46 | Urban Restricted | 41 | 1 | 6.81 | 4.54 | Rural Restricted | 41 | 9 | 25.54 | 1.13 |
| Rural Unrestricted | 42 | 5 | 15.34 | 2.43 | Urban Restricted | 42 | 1 | 6.77 | 4.49 | Rural Restricted | 42 | 9 | 25.66 | 1.10 |
| Rural Unrestricted | 43 | 5 | 15.37 | 2.40 | Urban Restricted | 43 | 1 | 6.73 | 4.45 | Rural Restricted | 43 | 9 | 25.78 | 1.07 |
| Rural Unrestricted | 44 | 5 | 15.40 | 2.37 | Urban Restricted | 44 | 1 | 6.69 | 4.41 | Rural Restricted | 44 | 9 | 25.89 | 1.04 |
| Rural Unrestricted | 45 | 5 | 15.41 | 2.34 | Urban Restricted | 45 | 1 | 6.65 | 4.36 | Rural Restricted | 45 | 9 | 25.96 | 1.01 |
| Rural Unrestricted | 46 | 5 | 15.38 | 2.30 | Urban Restricted | 46 | 1 | 6.59 | 4.32 | Rural Restricted | 46 | 9 | 26.01 | 0.98 |
| Rural Unrestricted | 47 | 5 | 15.36 | 2.27 | Urban Restricted | 47 | 1 | 6.53 | 4.28 | Rural Restricted | 47 | 9 | 25.97 | 0.95 |
| Rural Unrestricted | 48 | 5 | 15.34 | 2.25 | Urban Restricted | 48 | 1 | 6.47 | 4.23 | Rural Restricted | 48 | 9 | 25.92 | 0.92 |
| Rural Unrestricted | 49 | 5 | 15.32 | 2.22 | Urban Restricted | 49 | 1 | 6.41 | 4.19 | Rural Restricted | 49 | 9 | 25.87 | 0.89 |
| Rural Unrestricted | 50 | 5 | 15.36 | 2.20 | Urban Restricted | 50 | 1 | 6.36 | 4.15 | Rural Restricted | 50 | 9 | 25.83 | 0.86 |
| Rural Unrestricted | 51 | 5 | 15.40 | 2.18 | Urban Restricted | 51 | 1 | 6.30 | 4.11 | Rural Restricted | 51 | 9 | 25.79 | 0.84 |
| Rural Unrestricted | 52 | 5 | 15.44 | 2.17 | Urban Restricted | 52 | 1 | 6.26 | 4.08 | Rural Restricted | 52 | 9 | 25.74 | 0.81 |
| Rural Unrestricted | 53 | 5 | 15.47 | 2.15 | Urban Restricted | 53 | 1 | 6.21 | 4.04 | Rural Restricted | 53 | 9 | 25.70 | 0.79 |
| Rural Unrestricted | 54 | 5 | 15.51 | 2.13 | Urban Restricted | 54 | 1 | 6.16 | 4.00 | Rural Restricted | 54 | 9 | 25.66 | 0.76 |
| Rural Unrestricted | 55 | 5 | 15.54 | 2.12 | Urban Restricted | 55 | 1 | 6.12 | 3.97 | Rural Restricted | 55 | 9 | 25.63 | 0.74 |
| Rural Unrestricted | 56 | 5 | 15.57 | 2.10 | Urban Restricted | 56 | 1 | 6.06 | 3.93 | Rural Restricted | 56 | 9 | 25.60 | 0.72 |
| Rural Unrestricted | 57 | 5 | 15.60 | 2.07 | Urban Restricted | 57 | 1 | 6.01 | 3.89 | Rural Restricted | 57 | 9 | 25.59 | 0.70 |
| Rural Unrestricted | 58 | 5 | 15.62 | 2.05 | Urban Restricted | 58 | 1 | 5.95 | 3.85 | Rural Restricted | 58 | 9 | 25.58 | 0.68 |
| Rural Unrestricted | 59 | 5 | 15.64 | 2.02 | Urban Restricted | 59 | 1 | 5.91 | 3.82 | Rural Restricted | 59 | 9 | 25.55 | 0.67 |
| Rural Unrestricted | 60 | 5 | 15.67 | 2.00 | Urban Restricted | 60 | 1 | 5.94 | 3.81 | Rural Restricted | 60 | 9 | 25.48 | 0.66 |
| Rural Unrestricted | 61 | 5 | 15.75 | 1.98 | Urban Restricted | 61 | 1 | 6.04 | 3.81 | Rural Restricted | 61 | 9 | 25.46 | 0.65 |
| Rural Unrestricted | 62 | 5 | 15.88 | 1.95 | Urban Restricted | 62 | 1 | 6.19 | 3.82 | Rural Restricted | 62 | 9 | 25.47 | 0.64 |
| Rural Unrestricted | 63 | 5 | 16.00 | 1.93 | Urban Restricted | 63 | 1 | 6.32 | 3.83 | Rural Restricted | 63 | 9 | 25.48 | 0.63 |
| Rural Unrestricted | 64 | 5 | 16.21 | 1.90 | Urban Restricted | 64 | 1 | 6.46 | 3.84 | Rural Restricted | 64 | 9 | 25.49 | 0.63 |
| Rural Unrestricted | 65 | 5 | 16.58 | 1.88 | Urban Restricted | 65 | 1 | 6.63 | 3.89 | Rural Restricted | 65 | 9 | 25.52 | 0.61 |
| Rural Unrestricted | 66 | 5 | 16.93 | 1.85 | Urban Restricted | 66 | 1 | 6.82 | 3.97 | Rural Restricted | 66 | 9 | 25.55 | 0.60 |
| Rural Unrestricted | 67 | 5 | 17.28 | 1.83 | Urban Restricted | 67 | 1 | 7.03 | 4.04 | Rural Restricted | 67 | 9 | 25.52 | 0.58 |
| Rural Unrestricted | 68 | 5 | 17.62 | 1.81 | Urban Restricted | 68 | 1 | 7.26 | 4.10 | Rural Restricted | 68 | 9 | 25.45 | 0.57 |
| Rural Unrestricted | 69 | 5 | 17.94 | 1.79 | Urban Restricted | 69 | 1 | 7.48 | 4.16 | Rural Restricted | 69 | 9 | 25.38 | 0.56 |
| Rural Unrestricted | 70 | 5 | 18.26 | 1.77 | Urban Restricted | 70 | 1 | 7.69 | 4.21 | Rural Restricted | 70 | 9 | 25.32 | 0.55 |
| Rural Unrestricted | 71 | 5 | 18.56 | 1.75 | Urban Restricted | 71 | 1 | 7.90 | 4.27 | Rural Restricted | 71 | 9 | 25.26 | 0.54 |
| Rural Unrestricted | 72 | 5 | 18.86 | 1.73 | Urban Restricted | 72 | 1 | 8.10 | 4.32 | Rural Restricted | 72 | 9 | 25.20 | 0.53 |
| Rural Unrestricted | 73 | 5 | 19.16 | 1.71 | Urban Restricted | 73 | 1 | 8.30 | 4.38 | Rural Restricted | 73 | 9 | 25.15 | 0.52 |
| Rural Unrestricted | 74 | 5 | 19.39 | 1.71 | Urban Restricted | 74 | 1 | 8.63 | 4.52 | Rural Restricted | 74 | 9 | 25.08 | 0.52 |
| Rural Unrestricted | 75 | 5 | 19.32 | 1.80 | Urban Restricted | 75 | 1 | 9.28 | 4.95 | Rural Restricted | 75 | 9 | 24.89 | 0.53 |
| Urban Unrestricted | 1 | 5 | 69.41 | 32.26 | Rural Restricted | 1 | 2 | 67.18 | 42.65 | Urban Restricted | 1 | 9 | 70.79 | 26.78 |
| Urban Unrestricted | 2 | 5 | 35.39 | 16.42 | Rural Restricted | 2 | 2 | 33.89 | 21.79 | Urban Restricted | 2 | 9 | 36.43 | 13.56 |
| Urban Unrestricted | 3 | 5 | 26.68 | 12.15 | Rural Restricted | 3 | 2 | 23.92 | 16.12 | Urban Restricted | 3 | 9 | 28.97 | 9.72 |
| Urban Unrestricted | 4 | 5 | 23.17 | 10.31 | Rural Restricted | 4 | 2 | 19.28 | 13.50 | Urban Restricted | 4 | 9 | 26.54 | 7.93 |
| Urban Unrestricted | 5 | 5 | 21.13 | 9.14 | Rural Restricted | 5 | 2 | 16.61 | 11.76 | Urban Restricted | 5 | 9 | 25.19 | 6.78 |
| Urban Unrestricted | 6 | 5 | 19.84 | 8.27 | Rural Restricted | 6 | 2 | 14.99 | 10.38 | Urban Restricted | 6 | 9 | 24.43 | 5.91 |
| Urban Unrestricted | 7 | 5 | 18.92 | 7.66 | Rural Restricted | 7 | 2 | 13.83 | 9.40 | Urban Restricted | 7 | 9 | 23.89 | 5.29 |
| Urban Unrestricted | 8 | 5 | 18.23 | 7.19 | Rural Restricted | 8 | 2 | 12.95 | 8.67 | Urban Restricted | 8 | 9 | 23.48 | 4.82 |
| Urban Unrestricted | 9 | 5 | 17.69 | 6.83 | Rural Restricted | 9 | 2 | 12.28 | 8.10 | Urban Restricted | 9 | 9 | 22.98 | 4.46 |
| Urban Unrestricted | 10 | 5 | 17.26 | 6.55 | Rural Restricted | 10 | 2 | 11.76 | 7.68 | Urban Restricted | 10 | 9 | 22.15 | 4.17 |
| Urban Unrestricted | 11 | 5 | 16.98 | 6.28 | Rural Restricted | 11 | 2 | 11.40 | 7.34 | Urban Restricted | 11 | 9 | 21.57 | 3.93 |
| Urban Unrestricted | 12 | 5 | 16.89 | 6.01 | Rural Restricted | 12 | 2 | 11.21 | 7.05 | Urban Restricted | 12 | 9 | 21.31 | 3.72 |
| Urban Unrestricted | 13 | 5 | 16.82 | 5.78 | Rural Restricted | 13 | 2 | 11.06 | 6.82 | Urban Restricted | 13 | 9 | 21.08 | 3.55 |
| Urban Unrestricted | 14 | 5 | 16.76 | 5.58 | Rural Restricted | 14 | 2 | 10.93 | 6.61 | Urban Restricted | 14 | 9 | 20.89 | 3.40 |
| Urban Unrestricted | 15 | 5 | 16.71 | 5.41 | Rural Restricted | 15 | 2 | 10.81 | 6.43 | Urban Restricted | 15 | 9 | 20.72 | 3.28 |
| Urban Unrestricted | 16 | 5 | 16.65 | 5.26 | Rural Restricted | 16 | 2 | 10.71 | 6.25 | Urban Restricted | 16 | 9 | 20.88 | 3.13 |
| Urban Unrestricted | 17 | 5 | 16.57 | 5.12 | Rural Restricted | 17 | 2 | 10.64 | 6.04 | Urban Restricted | 17 | 9 | 21.85 | 2.90 |
| Urban Unrestricted | 18 | 5 | 16.50 | 4.99 | Rural Restricted | 18 | 2 | 10.57 | 5.85 | Urban Restricted | 18 | 9 | 22.71 | 2.70 |
| Urban Unrestricted | 19 | 5 | 16.47 | 4.80 | Rural Restricted | 19 | 2 | 10.51 | 5.68 | Urban Restricted | 19 | 9 | 23.48 | 2.52 |
| Urban Unrestricted | 20 | 5 | 16.50 | 4.53 | Rural Restricted | 20 | 2 | 10.46 | 5.53 | Urban Restricted | 20 | 9 | 24.18 | 2.36 |
| Urban Unrestricted | 21 | 5 | 16.53 | 4.28 | Rural Restricted | 21 | 2 | 10.39 | 5.39 | Urban Restricted | 21 | 9 | 24.58 | 2.23 |
| Urban Unrestricted | 22 | 5 | 16.60 | 4.02 | Rural Restricted | 22 | 2 | 10.27 | 5.26 | Urban Restricted | 22 | 9 | 24.60 | 2.12 |
| Urban Unrestricted | 23 | 5 | 16.66 | 3.78 | Rural Restricted | 23 | 2 | 10.17 | 5.14 | Urban Restricted | 23 | 9 | 24.63 | 2.02 |
| Urban Unrestricted | 24 | 5 | 16.71 | 3.56 | Rural Restricted | 24 | 2 | 10.07 | 5.03 | Urban Restricted | 24 | 9 | 24.65 | 1.93 |
| Urban Unrestricted | 25 | 5 | 16.70 | 3.42 | Rural Restricted | 25 | 2 | 9.97 | 4.96 | Urban Restricted | 25 | 9 | 24.64 | 1.86 |
| Urban Unrestricted | 26 | 5 | 16.52 | 3.38 | Rural Restricted | 26 | 2 | 9.87 | 4.93 | Urban Restricted | 26 | 9 | 24.59 | 1.82 |
| Urban Unrestricted | 27 | 5 | 16.30 | 3.36 | Rural Restricted | 27 | 2 | 9.79 | 4.91 | Urban Restricted | 27 | 9 | 24.55 | 1.79 |
| Urban Unrestricted | 28 | 5 | 16.09 | 3.34 | Rural Restricted | 28 | 2 | 9.70 | 4.88 | Urban Restricted | 28 | 9 | 24.51 | 1.75 |
| Urban Unrestricted | 29 | 5 | 15.89 | 3.32 | Rural Restricted | 29 | 2 | 9.63 | 4.86 | Urban Restricted | 29 | 9 | 24.47 | 1.72 |
| Urban Unrestricted | 30 | 5 | 15.71 | 3.30 | Rural Restricted | 30 | 2 | 9.55 | 4.84 | Urban Restricted | 30 | 9 | 24.44 | 1.69 |
| Urban Unrestricted | 31 | 5 | 15.53 | 3.29 | Rural Restricted | 31 | 2 | 9.53 | 4.83 | Urban Restricted | 31 | 9 | 24.56 | 1.66 |
| Urban Unrestricted | 32 | 5 | 15.47 | 3.17 | Rural Restricted | 32 | 2 | 9.41 | 4.69 | Urban Restricted | 32 | 9 | 24.68 | 1.59 |
| Urban Unrestricted | 33 | 5 | 15.26 | 2.97 | Rural Restricted | 33 | 2 | 9.17 | 4.44 | Urban Restricted | 33 | 9 | 24.63 | 1.50 |
| Urban Unrestricted | 34 | 5 | 15.08 | 2.78 | Rural Restricted | 34 | 2 | 8.94 | 4.21 | Urban Restricted | 34 | 9 | 24.59 | 1.42 |
| Urban Unrestricted | 35 | 5 | 15.03 | 2.67 | Rural Restricted | 35 | 2 | 8.82 | 4.09 | Urban Restricted | 35 | 9 | 24.68 | 1.36 |
| Urban Unrestricted | 36 | 5 | 15.07 | 2.63 | Rural Restricted | 36 | 2 | 8.77 | 4.05 | Urban Restricted | 36 | 9 | 24.85 | 1.31 |
| Urban Unrestricted | 37 | 5 | 15.11 | 2.58 | Rural Restricted | 37 | 2 | 8.73 | 4.01 | Urban Restricted | 37 | 9 | 25.01 | 1.27 |
| Urban Unrestricted | 38 | 5 | 15.14 | 2.54 | Rural Restricted | 38 | 2 | 8.69 | 3.97 | Urban Restricted | 38 | 9 | 25.16 | 1.23 |
| Urban Unrestricted | 39 | 5 | 15.18 | 2.50 | Rural Restricted | 39 | 2 | 8.65 | 3.93 | Urban Restricted | 39 | 9 | 25.31 | 1.20 |
| Urban Unrestricted | 40 | 5 | 15.21 | 2.46 | Rural Restricted | 40 | 2 | 8.61 | 3.90 | Urban Restricted | 40 | 9 | 25.44 | 1.16 |
| Urban Unrestricted | 41 | 5 | 15.24 | 2.42 | Rural Restricted | 41 | 2 | 8.57 | 3.87 | Urban Restricted | 41 | 9 | 25.58 | 1.13 |
| Urban Unrestricted | 42 | 5 | 15.27 | 2.39 | Rural Restricted | 42 | 2 | 8.54 | 3.84 | Urban Restricted | 42 | 9 | 25.70 | 1.09 |
| Urban Unrestricted | 43 | 5 | 15.30 | 2.36 | Rural Restricted | 43 | 2 | 8.51 | 3.81 | Urban Restricted | 43 | 9 | 25.82 | 1.06 |
| Urban Unrestricted | 44 | 5 | 15.32 | 2.33 | Rural Restricted | 44 | 2 | 8.48 | 3.78 | Urban Restricted | 44 | 9 | 25.93 | 1.03 |
| Urban Unrestricted | 45 | 5 | 15.31 | 2.30 | Rural Restricted | 45 | 2 | 8.43 | 3.75 | Urban Restricted | 45 | 9 | 26.01 | 1.01 |
| Urban Unrestricted | 46 | 5 | 15.28 | 2.28 | Rural Restricted | 46 | 2 | 8.37 | 3.73 | Urban Restricted | 46 | 9 | 26.06 | 0.98 |
| Urban Unrestricted | 47 | 5 | 15.25 | 2.25 | Rural Restricted | 47 | 2 | 8.30 | 3.69 | Urban Restricted | 47 | 9 | 26.02 | 0.95 |
| Urban Unrestricted | 48 | 5 | 15.22 | 2.23 | Rural Restricted | 48 | 2 | 8.24 | 3.65 | Urban Restricted | 48 | 9 | 25.97 | 0.92 |
| Urban Unrestricted | 49 | 5 | 15.19 | 2.20 | Rural Restricted | 49 | 2 | 8.17 | 3.62 | Urban Restricted | 49 | 9 | 25.93 | 0.89 |
| Urban Unrestricted | 50 | 5 | 15.16 | 2.18 | Rural Restricted | 50 | 2 | 8.12 | 3.59 | Urban Restricted | 50 | 9 | 25.88 | 0.86 |
| Urban Unrestricted | 51 | 5 | 15.13 | 2.16 | Rural Restricted | 51 | 2 | 8.06 | 3.55 | Urban Restricted | 51 | 9 | 25.84 | 0.83 |
| Urban Unrestricted | 52 | 5 | 15.11 | 2.14 | Rural Restricted | 52 | 2 | 8.00 | 3.52 | Urban Restricted | 52 | 9 | 25.80 | 0.81 |
| Urban Unrestricted | 53 | 5 | 15.10 | 2.12 | Rural Restricted | 53 | 2 | 7.95 | 3.49 | Urban Restricted | 53 | 9 | 25.76 | 0.78 |
| Urban Unrestricted | 54 | 5 | 15.17 | 2.11 | Rural Restricted | 54 | 2 | 7.90 | 3.46 | Urban Restricted | 54 | 9 | 25.72 | 0.76 |
| Urban Unrestricted | 55 | 5 | 15.25 | 2.09 | Rural Restricted | 55 | 2 | 7.85 | 3.43 | Urban Restricted | 55 | 9 | 25.69 | 0.74 |
| Urban Unrestricted | 56 | 5 | 15.31 | 2.07 | Rural Restricted | 56 | 2 | 7.82 | 3.40 | Urban Restricted | 56 | 9 | 25.66 | 0.71 |
| Urban Unrestricted | 57 | 5 | 15.38 | 2.05 | Rural Restricted | 57 | 2 | 7.80 | 3.36 | Urban Restricted | 57 | 9 | 25.65 | 0.70 |
| Urban Unrestricted | 58 | 5 | 15.44 | 2.03 | Rural Restricted | 58 | 2 | 7.78 | 3.33 | Urban Restricted | 58 | 9 | 25.64 | 0.68 |
| Urban Unrestricted | 59 | 5 | 15.49 | 2.00 | Rural Restricted | 59 | 2 | 7.78 | 3.30 | Urban Restricted | 59 | 9 | 25.61 | 0.66 |
| Urban Unrestricted | 60 | 5 | 15.55 | 1.98 | Rural Restricted | 60 | 2 | 7.85 | 3.29 | Urban Restricted | 60 | 9 | 25.55 | 0.65 |
| Urban Unrestricted | 61 | 5 | 15.67 | 1.96 | Rural Restricted | 61 | 2 | 7.99 | 3.28 | Urban Restricted | 61 | 9 | 25.53 | 0.65 |
| Urban Unrestricted | 62 | 5 | 15.83 | 1.94 | Rural Restricted | 62 | 2 | 8.17 | 3.27 | Urban Restricted | 62 | 9 | 25.54 | 0.64 |
| Urban Unrestricted | 63 | 5 | 15.98 | 1.91 | Rural Restricted | 63 | 2 | 8.34 | 3.25 | Urban Restricted | 63 | 9 | 25.55 | 0.63 |
| Urban Unrestricted | 64 | 5 | 16.21 | 1.89 | Rural Restricted | 64 | 2 | 8.51 | 3.24 | Urban Restricted | 64 | 9 | 25.56 | 0.62 |
| Urban Unrestricted | 65 | 5 | 16.58 | 1.87 | Rural Restricted | 65 | 2 | 8.74 | 3.25 | Urban Restricted | 65 | 9 | 25.58 | 0.61 |
| Urban Unrestricted | 66 | 5 | 16.93 | 1.84 | Rural Restricted | 66 | 2 | 9.01 | 3.27 | Urban Restricted | 66 | 9 | 25.62 | 0.59 |
| Urban Unrestricted | 67 | 5 | 17.28 | 1.82 | Rural Restricted | 67 | 2 | 9.31 | 3.29 | Urban Restricted | 67 | 9 | 25.58 | 0.58 |
| Urban Unrestricted | 68 | 5 | 17.62 | 1.80 | Rural Restricted | 68 | 2 | 9.63 | 3.32 | Urban Restricted | 68 | 9 | 25.52 | 0.57 |
| Urban Unrestricted | 69 | 5 | 17.94 | 1.78 | Rural Restricted | 69 | 2 | 9.93 | 3.35 | Urban Restricted | 69 | 9 | 25.45 | 0.56 |
| Urban Unrestricted | 70 | 5 | 18.26 | 1.76 | Rural Restricted | 70 | 2 | 10.23 | 3.37 | Urban Restricted | 70 | 9 | 25.39 | 0.55 |
| Urban Unrestricted | 71 | 5 | 18.57 | 1.74 | Rural Restricted | 71 | 2 | 10.52 | 3.40 | Urban Restricted | 71 | 9 | 25.32 | 0.54 |
| Urban Unrestricted | 72 | 5 | 18.87 | 1.72 | Rural Restricted | 72 | 2 | 10.81 | 3.42 | Urban Restricted | 72 | 9 | 25.26 | 0.53 |
| Urban Unrestricted | 73 | 5 | 19.17 | 1.70 | Rural Restricted | 73 | 2 | 11.08 | 3.45 | Urban Restricted | 73 | 9 | 25.21 | 0.52 |
| Urban Unrestricted | 74 | 5 | 19.40 | 1.70 | Rural Restricted | 74 | 2 | 11.34 | 3.54 | Urban Restricted | 74 | 9 | 25.14 | 0.52 |
| Urban Unrestricted | 75 | 5 | 19.34 | 1.78 | Rural Restricted | 75 | 2 | 11.71 | 3.85 | Urban Restricted | 75 | 9 | 24.95 | 0.53 |
| Rural Unrestricted | 1 | 6 | 70.06 | 31.21 | Urban Restricted | 1 | 2 | 67.04 | 42.52 | Rural Restricted | 1 | 10 | 71.38 | 25.40 |
| Rural Unrestricted | 2 | 6 | 35.80 | 15.82 | Urban Restricted | 2 | 2 | 33.82 | 21.72 | Rural Restricted | 2 | 10 | 36.82 | 12.86 |
| Rural Unrestricted | 3 | 6 | 27.43 | 11.50 | Urban Restricted | 3 | 2 | 23.86 | 16.07 | Rural Restricted | 3 | 10 | 29.83 | 9.18 |
| Rural Unrestricted | 4 | 6 | 24.29 | 9.58 | Urban Restricted | 4 | 2 | 19.23 | 13.46 | Rural Restricted | 4 | 10 | 27.89 | 7.47 |
| Rural Unrestricted | 5 | 6 | 22.48 | 8.39 | Urban Restricted | 5 | 2 | 16.57 | 11.72 | Rural Restricted | 5 | 10 | 26.92 | 6.38 |
| Rural Unrestricted | 6 | 6 | 21.36 | 7.54 | Urban Restricted | 6 | 2 | 14.95 | 10.35 | Rural Restricted | 6 | 10 | 26.51 | 5.55 |
| Rural Unrestricted | 7 | 6 | 20.57 | 6.94 | Urban Restricted | 7 | 2 | 13.79 | 9.38 | Rural Restricted | 7 | 10 | 26.21 | 4.96 |
| Rural Unrestricted | 8 | 6 | 19.97 | 6.49 | Urban Restricted | 8 | 2 | 12.92 | 8.64 | Rural Restricted | 8 | 10 | 25.99 | 4.52 |
| Rural Unrestricted | 9 | 6 | 19.50 | 6.13 | Urban Restricted | 9 | 2 | 12.26 | 8.08 | Rural Restricted | 9 | 10 | 25.54 | 4.17 |
| Rural Unrestricted | 10 | 6 | 19.13 | 5.85 | Urban Restricted | 10 | 2 | 11.74 | 7.66 | Rural Restricted | 10 | 10 | 24.56 | 3.89 |
| Rural Unrestricted | 11 | 6 | 18.90 | 5.60 | Urban Restricted | 11 | 2 | 11.37 | 7.32 | Rural Restricted | 11 | 10 | 23.81 | 3.65 |
| Rural Unrestricted | 12 | 6 | 18.88 | 5.35 | Urban Restricted | 12 | 2 | 11.19 | 7.04 | Rural Restricted | 12 | 10 | 23.30 | 3.46 |
| Rural Unrestricted | 13 | 6 | 18.87 | 5.14 | Urban Restricted | 13 | 2 | 11.03 | 6.80 | Rural Restricted | 13 | 10 | 22.87 | 3.30 |
| Rural Unrestricted | 14 | 6 | 18.86 | 4.96 | Urban Restricted | 14 | 2 | 10.90 | 6.60 | Rural Restricted | 14 | 10 | 22.50 | 3.16 |
| Rural Unrestricted | 15 | 6 | 18.85 | 4.80 | Urban Restricted | 15 | 2 | 10.79 | 6.42 | Rural Restricted | 15 | 10 | 22.18 | 3.04 |
| Rural Unrestricted | 16 | 6 | 18.83 | 4.66 | Urban Restricted | 16 | 2 | 10.69 | 6.24 | Rural Restricted | 16 | 10 | 22.35 | 2.90 |
| Rural Unrestricted | 17 | 6 | 18.80 | 4.52 | Urban Restricted | 17 | 2 | 10.62 | 6.03 | Rural Restricted | 17 | 10 | 23.70 | 2.67 |
| Rural Unrestricted | 18 | 6 | 18.77 | 4.39 | Urban Restricted | 18 | 2 | 10.55 | 5.84 | Rural Restricted | 18 | 10 | 24.90 | 2.47 |
| Rural Unrestricted | 19 | 6 | 18.77 | 4.22 | Urban Restricted | 19 | 2 | 10.49 | 5.67 | Rural Restricted | 19 | 10 | 25.97 | 2.29 |
| Rural Unrestricted | 20 | 6 | 18.80 | 3.99 | Urban Restricted | 20 | 2 | 10.44 | 5.52 | Rural Restricted | 20 | 10 | 26.93 | 2.13 |
| Rural Unrestricted | 21 | 6 | 18.82 | 3.77 | Urban Restricted | 21 | 2 | 10.37 | 5.38 | Rural Restricted | 21 | 10 | 27.47 | 2.01 |
| Rural Unrestricted | 22 | 6 | 18.82 | 3.55 | Urban Restricted | 22 | 2 | 10.25 | 5.24 | Rural Restricted | 22 | 10 | 27.45 | 1.91 |
| Rural Unrestricted | 23 | 6 | 18.82 | 3.34 | Urban Restricted | 23 | 2 | 10.14 | 5.12 | Rural Restricted | 23 | 10 | 27.43 | 1.81 |
| Rural Unrestricted | 24 | 6 | 18.82 | 3.16 | Urban Restricted | 24 | 2 | 10.05 | 5.01 | Rural Restricted | 24 | 10 | 27.42 | 1.73 |
| Rural Unrestricted | 25 | 6 | 18.77 | 3.03 | Urban Restricted | 25 | 2 | 9.95 | 4.95 | Rural Restricted | 25 | 10 | 27.38 | 1.67 |
| Rural Unrestricted | 26 | 6 | 18.65 | 2.98 | Urban Restricted | 26 | 2 | 9.85 | 4.92 | Rural Restricted | 26 | 10 | 27.32 | 1.64 |
| Rural Unrestricted | 27 | 6 | 18.50 | 2.94 | Urban Restricted | 27 | 2 | 9.76 | 4.89 | Rural Restricted | 27 | 10 | 27.26 | 1.61 |
| Rural Unrestricted | 28 | 6 | 18.37 | 2.91 | Urban Restricted | 28 | 2 | 9.68 | 4.87 | Rural Restricted | 28 | 10 | 27.21 | 1.59 |
| Rural Unrestricted | 29 | 6 | 18.24 | 2.88 | Urban Restricted | 29 | 2 | 9.61 | 4.85 | Rural Restricted | 29 | 10 | 27.16 | 1.56 |
| Rural Unrestricted | 30 | 6 | 18.13 | 2.85 | Urban Restricted | 30 | 2 | 9.53 | 4.83 | Rural Restricted | 30 | 10 | 27.11 | 1.54 |
| Rural Unrestricted | 31 | 6 | 18.02 | 2.83 | Urban Restricted | 31 | 2 | 9.51 | 4.81 | Rural Restricted | 31 | 10 | 27.21 | 1.51 |
| Rural Unrestricted | 32 | 6 | 17.98 | 2.71 | Urban Restricted | 32 | 2 | 9.39 | 4.68 | Rural Restricted | 32 | 10 | 27.26 | 1.45 |
| Rural Unrestricted | 33 | 6 | 17.80 | 2.52 | Urban Restricted | 33 | 2 | 9.15 | 4.43 | Rural Restricted | 33 | 10 | 27.16 | 1.35 |
| Rural Unrestricted | 34 | 6 | 17.63 | 2.35 | Urban Restricted | 34 | 2 | 8.92 | 4.20 | Rural Restricted | 34 | 10 | 27.06 | 1.27 |
| Rural Unrestricted | 35 | 6 | 17.61 | 2.25 | Urban Restricted | 35 | 2 | 8.81 | 4.08 | Rural Restricted | 35 | 10 | 27.09 | 1.21 |
| Rural Unrestricted | 36 | 6 | 17.67 | 2.19 | Urban Restricted | 36 | 2 | 8.76 | 4.04 | Rural Restricted | 36 | 10 | 27.21 | 1.17 |
| Rural Unrestricted | 37 | 6 | 17.74 | 2.14 | Urban Restricted | 37 | 2 | 8.72 | 4.00 | Rural Restricted | 37 | 10 | 27.32 | 1.14 |
| Rural Unrestricted | 38 | 6 | 17.80 | 2.09 | Urban Restricted | 38 | 2 | 8.68 | 3.96 | Rural Restricted | 38 | 10 | 27.42 | 1.10 |
| Rural Unrestricted | 39 | 6 | 17.86 | 2.04 | Urban Restricted | 39 | 2 | 8.64 | 3.92 | Rural Restricted | 39 | 10 | 27.52 | 1.07 |
| Rural Unrestricted | 40 | 6 | 17.91 | 2.00 | Urban Restricted | 40 | 2 | 8.60 | 3.89 | Rural Restricted | 40 | 10 | 27.62 | 1.04 |
| Rural Unrestricted | 41 | 6 | 17.97 | 1.96 | Urban Restricted | 41 | 2 | 8.56 | 3.86 | Rural Restricted | 41 | 10 | 27.71 | 1.01 |
| Rural Unrestricted | 42 | 6 | 18.02 | 1.92 | Urban Restricted | 42 | 2 | 8.53 | 3.83 | Rural Restricted | 42 | 10 | 27.79 | 0.98 |
| Rural Unrestricted | 43 | 6 | 18.06 | 1.88 | Urban Restricted | 43 | 2 | 8.50 | 3.80 | Rural Restricted | 43 | 10 | 27.87 | 0.95 |
| Rural Unrestricted | 44 | 6 | 18.11 | 1.84 | Urban Restricted | 44 | 2 | 8.47 | 3.77 | Rural Restricted | 44 | 10 | 27.95 | 0.93 |
| Rural Unrestricted | 45 | 6 | 18.12 | 1.80 | Urban Restricted | 45 | 2 | 8.42 | 3.74 | Rural Restricted | 45 | 10 | 27.99 | 0.90 |
| Rural Unrestricted | 46 | 6 | 18.11 | 1.76 | Urban Restricted | 46 | 2 | 8.36 | 3.72 | Rural Restricted | 46 | 10 | 27.99 | 0.88 |
| Rural Unrestricted | 47 | 6 | 18.09 | 1.72 | Urban Restricted | 47 | 2 | 8.29 | 3.68 | Rural Restricted | 47 | 10 | 27.96 | 0.85 |
| Rural Unrestricted | 48 | 6 | 18.08 | 1.68 | Urban Restricted | 48 | 2 | 8.23 | 3.64 | Rural Restricted | 48 | 10 | 27.93 | 0.83 |
| Rural Unrestricted | 49 | 6 | 18.07 | 1.64 | Urban Restricted | 49 | 2 | 8.17 | 3.61 | Rural Restricted | 49 | 10 | 27.89 | 0.80 |
| Rural Unrestricted | 50 | 6 | 18.13 | 1.62 | Urban Restricted | 50 | 2 | 8.11 | 3.57 | Rural Restricted | 50 | 10 | 27.86 | 0.78 |
| Rural Unrestricted | 51 | 6 | 18.19 | 1.59 | Urban Restricted | 51 | 2 | 8.05 | 3.54 | Rural Restricted | 51 | 10 | 27.83 | 0.76 |
| Rural Unrestricted | 52 | 6 | 18.26 | 1.56 | Urban Restricted | 52 | 2 | 8.00 | 3.51 | Rural Restricted | 52 | 10 | 27.81 | 0.74 |
| Rural Unrestricted | 53 | 6 | 18.32 | 1.54 | Urban Restricted | 53 | 2 | 7.95 | 3.48 | Rural Restricted | 53 | 10 | 27.78 | 0.72 |
| Rural Unrestricted | 54 | 6 | 18.37 | 1.52 | Urban Restricted | 54 | 2 | 7.90 | 3.45 | Rural Restricted | 54 | 10 | 27.75 | 0.70 |
| Rural Unrestricted | 55 | 6 | 18.43 | 1.49 | Urban Restricted | 55 | 2 | 7.85 | 3.42 | Rural Restricted | 55 | 10 | 27.73 | 0.68 |
| Rural Unrestricted | 56 | 6 | 18.49 | 1.47 | Urban Restricted | 56 | 2 | 7.82 | 3.39 | Rural Restricted | 56 | 10 | 27.71 | 0.66 |
| Rural Unrestricted | 57 | 6 | 18.55 | 1.44 | Urban Restricted | 57 | 2 | 7.79 | 3.35 | Rural Restricted | 57 | 10 | 27.71 | 0.64 |
| Rural Unrestricted | 58 | 6 | 18.61 | 1.42 | Urban Restricted | 58 | 2 | 7.77 | 3.32 | Rural Restricted | 58 | 10 | 27.71 | 0.63 |
| Rural Unrestricted | 59 | 6 | 18.66 | 1.40 | Urban Restricted | 59 | 2 | 7.77 | 3.29 | Rural Restricted | 59 | 10 | 27.66 | 0.61 |
| Rural Unrestricted | 60 | 6 | 18.72 | 1.37 | Urban Restricted | 60 | 2 | 7.85 | 3.28 | Rural Restricted | 60 | 10 | 27.46 | 0.60 |
| Rural Unrestricted | 61 | 6 | 18.84 | 1.35 | Urban Restricted | 61 | 2 | 7.99 | 3.27 | Rural Restricted | 61 | 10 | 27.32 | 0.59 |
| Rural Unrestricted | 62 | 6 | 19.01 | 1.34 | Urban Restricted | 62 | 2 | 8.17 | 3.26 | Rural Restricted | 62 | 10 | 27.22 | 0.58 |
| Rural Unrestricted | 63 | 6 | 19.17 | 1.32 | Urban Restricted | 63 | 2 | 8.34 | 3.24 | Rural Restricted | 63 | 10 | 27.12 | 0.57 |
| Rural Unrestricted | 64 | 6 | 19.37 | 1.30 | Urban Restricted | 64 | 2 | 8.51 | 3.23 | Rural Restricted | 64 | 10 | 27.03 | 0.57 |
| Rural Unrestricted | 65 | 6 | 19.63 | 1.27 | Urban Restricted | 65 | 2 | 8.74 | 3.24 | Rural Restricted | 65 | 10 | 26.94 | 0.55 |
| Rural Unrestricted | 66 | 6 | 19.89 | 1.25 | Urban Restricted | 66 | 2 | 9.01 | 3.26 | Rural Restricted | 66 | 10 | 26.86 | 0.54 |
| Rural Unrestricted | 67 | 6 | 20.15 | 1.23 | Urban Restricted | 67 | 2 | 9.31 | 3.28 | Rural Restricted | 67 | 10 | 26.75 | 0.52 |
| Rural Unrestricted | 68 | 6 | 20.39 | 1.21 | Urban Restricted | 68 | 2 | 9.63 | 3.31 | Rural Restricted | 68 | 10 | 26.63 | 0.52 |
| Rural Unrestricted | 69 | 6 | 20.63 | 1.19 | Urban Restricted | 69 | 2 | 9.94 | 3.34 | Rural Restricted | 69 | 10 | 26.51 | 0.51 |
| Rural Unrestricted | 70 | 6 | 20.86 | 1.16 | Urban Restricted | 70 | 2 | 10.24 | 3.36 | Rural Restricted | 70 | 10 | 26.40 | 0.50 |
| Rural Unrestricted | 71 | 6 | 21.08 | 1.14 | Urban Restricted | 71 | 2 | 10.54 | 3.39 | Rural Restricted | 71 | 10 | 26.28 | 0.49 |
| Rural Unrestricted | 72 | 6 | 21.30 | 1.13 | Urban Restricted | 72 | 2 | 10.82 | 3.42 | Rural Restricted | 72 | 10 | 26.18 | 0.49 |
| Rural Unrestricted | 73 | 6 | 21.51 | 1.11 | Urban Restricted | 73 | 2 | 11.09 | 3.44 | Rural Restricted | 73 | 10 | 26.08 | 0.48 |
| Rural Unrestricted | 74 | 6 | 21.60 | 1.11 | Urban Restricted | 74 | 2 | 11.35 | 3.53 | Rural Restricted | 74 | 10 | 25.98 | 0.48 |
| Rural Unrestricted | 75 | 6 | 21.25 | 1.20 | Urban Restricted | 75 | 2 | 11.73 | 3.84 | Rural Restricted | 75 | 10 | 25.78 | 0.48 |
| Urban Unrestricted | 1 | 6 | 69.86 | 31.02 | Rural Restricted | 1 | 3 | 68.11 | 41.63 | Urban Restricted | 1 | 10 | 71.23 | 25.26 |
| Urban Unrestricted | 2 | 6 | 35.69 | 15.73 | Rural Restricted | 2 | 3 | 34.54 | 21.18 | Urban Restricted | 2 | 10 | 36.73 | 12.78 |
| Urban Unrestricted | 3 | 6 | 27.36 | 11.44 | Rural Restricted | 3 | 3 | 25.02 | 15.38 | Urban Restricted | 3 | 10 | 29.76 | 9.13 |
| Urban Unrestricted | 4 | 6 | 24.23 | 9.54 | Rural Restricted | 4 | 3 | 20.70 | 12.65 | Urban Restricted | 4 | 10 | 27.84 | 7.43 |
| Urban Unrestricted | 5 | 6 | 22.43 | 8.35 | Rural Restricted | 5 | 3 | 18.15 | 10.90 | Urban Restricted | 5 | 10 | 26.88 | 6.34 |
| Urban Unrestricted | 6 | 6 | 21.32 | 7.51 | Rural Restricted | 6 | 3 | 16.50 | 9.60 | Urban Restricted | 6 | 10 | 26.47 | 5.53 |
| Urban Unrestricted | 7 | 6 | 20.53 | 6.91 | Rural Restricted | 7 | 3 | 15.33 | 8.66 | Urban Restricted | 7 | 10 | 26.18 | 4.94 |
| Urban Unrestricted | 8 | 6 | 19.94 | 6.46 | Rural Restricted | 8 | 3 | 14.44 | 7.96 | Urban Restricted | 8 | 10 | 25.96 | 4.50 |
| Urban Unrestricted | 9 | 6 | 19.47 | 6.11 | Rural Restricted | 9 | 3 | 13.74 | 7.44 | Urban Restricted | 9 | 10 | 25.52 | 4.16 |
| Urban Unrestricted | 10 | 6 | 19.10 | 5.83 | Rural Restricted | 10 | 3 | 13.13 | 7.06 | Urban Restricted | 10 | 10 | 24.53 | 3.87 |
| Urban Unrestricted | 11 | 6 | 18.88 | 5.58 | Rural Restricted | 11 | 3 | 12.69 | 6.73 | Urban Restricted | 11 | 10 | 23.78 | 3.64 |
| Urban Unrestricted | 12 | 6 | 18.86 | 5.33 | Rural Restricted | 12 | 3 | 12.47 | 6.43 | Urban Restricted | 12 | 10 | 23.27 | 3.45 |
| Urban Unrestricted | 13 | 6 | 18.85 | 5.12 | Rural Restricted | 13 | 3 | 12.27 | 6.17 | Urban Restricted | 13 | 10 | 22.83 | 3.29 |
| Urban Unrestricted | 14 | 6 | 18.84 | 4.94 | Rural Restricted | 14 | 3 | 12.11 | 5.95 | Urban Restricted | 14 | 10 | 22.46 | 3.15 |
| Urban Unrestricted | 15 | 6 | 18.83 | 4.79 | Rural Restricted | 15 | 3 | 11.96 | 5.75 | Urban Restricted | 15 | 10 | 22.14 | 3.03 |
| Urban Unrestricted | 16 | 6 | 18.81 | 4.64 | Rural Restricted | 16 | 3 | 11.88 | 5.57 | Urban Restricted | 16 | 10 | 22.32 | 2.89 |
| Urban Unrestricted | 17 | 6 | 18.78 | 4.51 | Rural Restricted | 17 | 3 | 11.92 | 5.35 | Urban Restricted | 17 | 10 | 23.68 | 2.66 |
| Urban Unrestricted | 18 | 6 | 18.76 | 4.38 | Rural Restricted | 18 | 3 | 11.95 | 5.15 | Urban Restricted | 18 | 10 | 24.88 | 2.46 |
| Urban Unrestricted | 19 | 6 | 18.75 | 4.21 | Rural Restricted | 19 | 3 | 11.97 | 4.98 | Urban Restricted | 19 | 10 | 25.96 | 2.28 |
| Urban Unrestricted | 20 | 6 | 18.78 | 3.98 | Rural Restricted | 20 | 3 | 12.00 | 4.82 | Urban Restricted | 20 | 10 | 26.94 | 2.12 |
| Urban Unrestricted | 21 | 6 | 18.80 | 3.76 | Rural Restricted | 21 | 3 | 11.99 | 4.67 | Urban Restricted | 21 | 10 | 27.48 | 2.00 |
| Urban Unrestricted | 22 | 6 | 18.80 | 3.54 | Rural Restricted | 22 | 3 | 11.91 | 4.51 | Urban Restricted | 22 | 10 | 27.46 | 1.90 |
| Urban Unrestricted | 23 | 6 | 18.80 | 3.33 | Rural Restricted | 23 | 3 | 11.84 | 4.36 | Urban Restricted | 23 | 10 | 27.44 | 1.81 |
| Urban Unrestricted | 24 | 6 | 18.80 | 3.15 | Rural Restricted | 24 | 3 | 11.78 | 4.22 | Urban Restricted | 24 | 10 | 27.43 | 1.72 |
| Urban Unrestricted | 25 | 6 | 18.76 | 3.02 | Rural Restricted | 25 | 3 | 11.70 | 4.16 | Urban Restricted | 25 | 10 | 27.39 | 1.67 |
| Urban Unrestricted | 26 | 6 | 18.63 | 2.97 | Rural Restricted | 26 | 3 | 11.61 | 4.16 | Urban Restricted | 26 | 10 | 27.33 | 1.64 |
| Urban Unrestricted | 27 | 6 | 18.49 | 2.93 | Rural Restricted | 27 | 3 | 11.53 | 4.17 | Urban Restricted | 27 | 10 | 27.27 | 1.61 |
| Urban Unrestricted | 28 | 6 | 18.36 | 2.90 | Rural Restricted | 28 | 3 | 11.45 | 4.17 | Urban Restricted | 28 | 10 | 27.22 | 1.58 |
| Urban Unrestricted | 29 | 6 | 18.23 | 2.87 | Rural Restricted | 29 | 3 | 11.38 | 4.17 | Urban Restricted | 29 | 10 | 27.17 | 1.56 |
| Urban Unrestricted | 30 | 6 | 18.12 | 2.84 | Rural Restricted | 30 | 3 | 11.32 | 4.18 | Urban Restricted | 30 | 10 | 27.13 | 1.53 |
| Urban Unrestricted | 31 | 6 | 18.01 | 2.82 | Rural Restricted | 31 | 3 | 11.30 | 4.18 | Urban Restricted | 31 | 10 | 27.22 | 1.51 |
| Urban Unrestricted | 32 | 6 | 17.93 | 2.70 | Rural Restricted | 32 | 3 | 11.18 | 4.07 | Urban Restricted | 32 | 10 | 27.28 | 1.44 |
| Urban Unrestricted | 33 | 6 | 17.70 | 2.51 | Rural Restricted | 33 | 3 | 10.91 | 3.87 | Urban Restricted | 33 | 10 | 27.18 | 1.35 |
| Urban Unrestricted | 34 | 6 | 17.49 | 2.34 | Rural Restricted | 34 | 3 | 10.65 | 3.67 | Urban Restricted | 34 | 10 | 27.08 | 1.26 |
| Urban Unrestricted | 35 | 6 | 17.43 | 2.23 | Rural Restricted | 35 | 3 | 10.55 | 3.57 | Urban Restricted | 35 | 10 | 27.12 | 1.21 |
| Urban Unrestricted | 36 | 6 | 17.46 | 2.18 | Rural Restricted | 36 | 3 | 10.53 | 3.53 | Urban Restricted | 36 | 10 | 27.24 | 1.17 |
| Urban Unrestricted | 37 | 6 | 17.49 | 2.13 | Rural Restricted | 37 | 3 | 10.52 | 3.49 | Urban Restricted | 37 | 10 | 27.35 | 1.13 |
| Urban Unrestricted | 38 | 6 | 17.52 | 2.08 | Rural Restricted | 38 | 3 | 10.51 | 3.45 | Urban Restricted | 38 | 10 | 27.46 | 1.10 |
| Urban Unrestricted | 39 | 6 | 17.54 | 2.03 | Rural Restricted | 39 | 3 | 10.49 | 3.42 | Urban Restricted | 39 | 10 | 27.56 | 1.06 |
| Urban Unrestricted | 40 | 6 | 17.57 | 1.98 | Rural Restricted | 40 | 3 | 10.48 | 3.39 | Urban Restricted | 40 | 10 | 27.66 | 1.03 |
| Urban Unrestricted | 41 | 6 | 17.59 | 1.94 | Rural Restricted | 41 | 3 | 10.47 | 3.36 | Urban Restricted | 41 | 10 | 27.75 | 1.00 |
| Urban Unrestricted | 42 | 6 | 17.62 | 1.90 | Rural Restricted | 42 | 3 | 10.46 | 3.33 | Urban Restricted | 42 | 10 | 27.84 | 0.97 |
| Urban Unrestricted | 43 | 6 | 17.64 | 1.86 | Rural Restricted | 43 | 3 | 10.45 | 3.30 | Urban Restricted | 43 | 10 | 27.92 | 0.95 |
| Urban Unrestricted | 44 | 6 | 17.69 | 1.82 | Rural Restricted | 44 | 3 | 10.44 | 3.27 | Urban Restricted | 44 | 10 | 28.00 | 0.92 |
| Urban Unrestricted | 45 | 6 | 17.72 | 1.79 | Rural Restricted | 45 | 3 | 10.42 | 3.25 | Urban Restricted | 45 | 10 | 28.04 | 0.90 |
| Urban Unrestricted | 46 | 6 | 17.72 | 1.74 | Rural Restricted | 46 | 3 | 10.37 | 3.24 | Urban Restricted | 46 | 10 | 28.04 | 0.87 |
| Urban Unrestricted | 47 | 6 | 17.72 | 1.71 | Rural Restricted | 47 | 3 | 10.35 | 3.21 | Urban Restricted | 47 | 10 | 28.02 | 0.85 |
| Urban Unrestricted | 48 | 6 | 17.71 | 1.67 | Rural Restricted | 48 | 3 | 10.33 | 3.18 | Urban Restricted | 48 | 10 | 27.98 | 0.82 |
| Urban Unrestricted | 49 | 6 | 17.71 | 1.63 | Rural Restricted | 49 | 3 | 10.31 | 3.16 | Urban Restricted | 49 | 10 | 27.95 | 0.80 |
| Urban Unrestricted | 50 | 6 | 17.71 | 1.60 | Rural Restricted | 50 | 3 | 10.28 | 3.13 | Urban Restricted | 50 | 10 | 27.92 | 0.78 |
| Urban Unrestricted | 51 | 6 | 17.71 | 1.56 | Rural Restricted | 51 | 3 | 10.27 | 3.11 | Urban Restricted | 51 | 10 | 27.90 | 0.76 |
| Urban Unrestricted | 52 | 6 | 17.71 | 1.53 | Rural Restricted | 52 | 3 | 10.25 | 3.09 | Urban Restricted | 52 | 10 | 27.87 | 0.73 |
| Urban Unrestricted | 53 | 6 | 17.73 | 1.50 | Rural Restricted | 53 | 3 | 10.23 | 3.06 | Urban Restricted | 53 | 10 | 27.84 | 0.71 |
| Urban Unrestricted | 54 | 6 | 17.85 | 1.48 | Rural Restricted | 54 | 3 | 10.21 | 3.04 | Urban Restricted | 54 | 10 | 27.82 | 0.70 |
| Urban Unrestricted | 55 | 6 | 17.97 | 1.46 | Rural Restricted | 55 | 3 | 10.19 | 3.02 | Urban Restricted | 55 | 10 | 27.79 | 0.68 |
| Urban Unrestricted | 56 | 6 | 18.09 | 1.44 | Rural Restricted | 56 | 3 | 10.21 | 2.99 | Urban Restricted | 56 | 10 | 27.78 | 0.66 |
| Urban Unrestricted | 57 | 6 | 18.21 | 1.42 | Rural Restricted | 57 | 3 | 10.24 | 2.96 | Urban Restricted | 57 | 10 | 27.78 | 0.64 |
| Urban Unrestricted | 58 | 6 | 18.33 | 1.40 | Rural Restricted | 58 | 3 | 10.27 | 2.92 | Urban Restricted | 58 | 10 | 27.78 | 0.62 |
| Urban Unrestricted | 59 | 6 | 18.44 | 1.38 | Rural Restricted | 59 | 3 | 10.32 | 2.89 | Urban Restricted | 59 | 10 | 27.74 | 0.61 |
| Urban Unrestricted | 60 | 6 | 18.54 | 1.36 | Rural Restricted | 60 | 3 | 10.42 | 2.88 | Urban Restricted | 60 | 10 | 27.53 | 0.60 |
| Urban Unrestricted | 61 | 6 | 18.72 | 1.34 | Rural Restricted | 61 | 3 | 10.54 | 2.87 | Urban Restricted | 61 | 10 | 27.39 | 0.59 |
| Urban Unrestricted | 62 | 6 | 18.93 | 1.32 | Rural Restricted | 62 | 3 | 10.67 | 2.86 | Urban Restricted | 62 | 10 | 27.29 | 0.58 |
| Urban Unrestricted | 63 | 6 | 19.14 | 1.31 | Rural Restricted | 63 | 3 | 10.79 | 2.84 | Urban Restricted | 63 | 10 | 27.19 | 0.57 |
| Urban Unrestricted | 64 | 6 | 19.37 | 1.29 | Rural Restricted | 64 | 3 | 10.91 | 2.83 | Urban Restricted | 64 | 10 | 27.10 | 0.56 |
| Urban Unrestricted | 65 | 6 | 19.64 | 1.26 | Rural Restricted | 65 | 3 | 11.15 | 2.83 | Urban Restricted | 65 | 10 | 27.01 | 0.55 |
| Urban Unrestricted | 66 | 6 | 19.90 | 1.24 | Rural Restricted | 66 | 3 | 11.46 | 2.83 | Urban Restricted | 66 | 10 | 26.93 | 0.53 |
| Urban Unrestricted | 67 | 6 | 20.15 | 1.22 | Rural Restricted | 67 | 3 | 11.78 | 2.83 | Urban Restricted | 67 | 10 | 26.82 | 0.52 |
| Urban Unrestricted | 68 | 6 | 20.40 | 1.20 | Rural Restricted | 68 | 3 | 12.09 | 2.82 | Urban Restricted | 68 | 10 | 26.70 | 0.51 |
| Urban Unrestricted | 69 | 6 | 20.64 | 1.18 | Rural Restricted | 69 | 3 | 12.39 | 2.82 | Urban Restricted | 69 | 10 | 26.58 | 0.51 |
| Urban Unrestricted | 70 | 6 | 20.87 | 1.16 | Rural Restricted | 70 | 3 | 12.69 | 2.81 | Urban Restricted | 70 | 10 | 26.46 | 0.50 |
| Urban Unrestricted | 71 | 6 | 21.09 | 1.14 | Rural Restricted | 71 | 3 | 12.97 | 2.80 | Urban Restricted | 71 | 10 | 26.35 | 0.49 |
| Urban Unrestricted | 72 | 6 | 21.31 | 1.12 | Rural Restricted | 72 | 3 | 13.25 | 2.80 | Urban Restricted | 72 | 10 | 26.24 | 0.48 |
| Urban Unrestricted | 73 | 6 | 21.52 | 1.10 | Rural Restricted | 73 | 3 | 13.52 | 2.79 | Urban Restricted | 73 | 10 | 26.14 | 0.48 |
| Urban Unrestricted | 74 | 6 | 21.61 | 1.10 | Rural Restricted | 74 | 3 | 13.81 | 2.85 | Urban Restricted | 74 | 10 | 26.05 | 0.47 |
| Urban Unrestricted | 75 | 6 | 21.26 | 1.19 | Rural Restricted | 75 | 3 | 14.13 | 3.11 | Urban Restricted | 75 | 10 | 25.84 | 0.48 |
| Rural Unrestricted | 1 | 7 | 70.22 | 30.18 | Urban Restricted | 1 | 3 | 67.97 | 41.50 |  |  |  |  |  |
| Rural Unrestricted | 2 | 7 | 35.98 | 15.30 | Urban Restricted | 2 | 3 | 34.47 | 21.11 |  |  |  |  |  |
| Rural Unrestricted | 3 | 7 | 28.10 | 11.08 | Urban Restricted | 3 | 3 | 24.96 | 15.34 |  |  |  |  |  |
| Rural Unrestricted | 4 | 7 | 25.37 | 9.19 | Urban Restricted | 4 | 3 | 20.65 | 12.61 |  |  |  |  |  |
| Rural Unrestricted | 5 | 7 | 23.81 | 8.00 | Urban Restricted | 5 | 3 | 18.11 | 10.87 |  |  |  |  |  |
| Rural Unrestricted | 6 | 7 | 22.85 | 7.12 | Urban Restricted | 6 | 3 | 16.46 | 9.57 |  |  |  |  |  |
| Rural Unrestricted | 7 | 7 | 22.17 | 6.49 | Urban Restricted | 7 | 3 | 15.29 | 8.64 |  |  |  |  |  |
| Rural Unrestricted | 8 | 7 | 21.66 | 6.02 | Urban Restricted | 8 | 3 | 14.41 | 7.94 |  |  |  |  |  |
| Rural Unrestricted | 9 | 7 | 21.26 | 5.65 | Urban Restricted | 9 | 3 | 13.71 | 7.42 |  |  |  |  |  |
| Rural Unrestricted | 10 | 7 | 20.93 | 5.35 | Urban Restricted | 10 | 3 | 13.10 | 7.04 |  |  |  |  |  |
| Rural Unrestricted | 11 | 7 | 20.75 | 5.11 | Urban Restricted | 11 | 3 | 12.67 | 6.72 |  |  |  |  |  |
| Rural Unrestricted | 12 | 7 | 20.77 | 4.89 | Urban Restricted | 12 | 3 | 12.44 | 6.41 |  |  |  |  |  |
| Rural Unrestricted | 13 | 7 | 20.79 | 4.70 | Urban Restricted | 13 | 3 | 12.24 | 6.15 |  |  |  |  |  |
| Rural Unrestricted | 14 | 7 | 20.80 | 4.54 | Urban Restricted | 14 | 3 | 12.08 | 5.93 |  |  |  |  |  |
| Rural Unrestricted | 15 | 7 | 20.82 | 4.40 | Urban Restricted | 15 | 3 | 11.94 | 5.74 |  |  |  |  |  |
| Rural Unrestricted | 16 | 7 | 20.82 | 4.27 | Urban Restricted | 16 | 3 | 11.85 | 5.55 |  |  |  |  |  |
| Rural Unrestricted | 17 | 7 | 20.82 | 4.15 | Urban Restricted | 17 | 3 | 11.89 | 5.33 |  |  |  |  |  |
| Rural Unrestricted | 18 | 7 | 20.81 | 4.04 | Urban Restricted | 18 | 3 | 11.92 | 5.14 |  |  |  |  |  |
| Rural Unrestricted | 19 | 7 | 20.86 | 3.88 | Urban Restricted | 19 | 3 | 11.95 | 4.97 |  |  |  |  |  |
| Rural Unrestricted | 20 | 7 | 20.99 | 3.65 | Urban Restricted | 20 | 3 | 11.98 | 4.81 |  |  |  |  |  |
| Rural Unrestricted | 21 | 7 | 21.09 | 3.44 | Urban Restricted | 21 | 3 | 11.97 | 4.66 |  |  |  |  |  |
| Rural Unrestricted | 22 | 7 | 21.15 | 3.21 | Urban Restricted | 22 | 3 | 11.89 | 4.50 |  |  |  |  |  |
| Rural Unrestricted | 23 | 7 | 21.20 | 3.00 | Urban Restricted | 23 | 3 | 11.82 | 4.35 |  |  |  |  |  |
| Rural Unrestricted | 24 | 7 | 21.25 | 2.80 | Urban Restricted | 24 | 3 | 11.75 | 4.21 |  |  |  |  |  |
| Rural Unrestricted | 25 | 7 | 21.27 | 2.67 | Urban Restricted | 25 | 3 | 11.68 | 4.15 |  |  |  |  |  |
| Rural Unrestricted | 26 | 7 | 21.17 | 2.61 | Urban Restricted | 26 | 3 | 11.59 | 4.15 |  |  |  |  |  |
| Rural Unrestricted | 27 | 7 | 21.02 | 2.57 | Urban Restricted | 27 | 3 | 11.51 | 4.16 |  |  |  |  |  |
| Rural Unrestricted | 28 | 7 | 20.89 | 2.53 | Urban Restricted | 28 | 3 | 11.43 | 4.16 |  |  |  |  |  |
| Rural Unrestricted | 29 | 7 | 20.76 | 2.49 | Urban Restricted | 29 | 3 | 11.36 | 4.16 |  |  |  |  |  |
| Rural Unrestricted | 30 | 7 | 20.64 | 2.46 | Urban Restricted | 30 | 3 | 11.30 | 4.17 |  |  |  |  |  |
| Rural Unrestricted | 31 | 7 | 20.53 | 2.43 | Urban Restricted | 31 | 3 | 11.28 | 4.17 |  |  |  |  |  |
| Rural Unrestricted | 32 | 7 | 20.56 | 2.32 | Urban Restricted | 32 | 3 | 11.16 | 4.06 |  |  |  |  |  |
| Rural Unrestricted | 33 | 7 | 20.43 | 2.14 | Urban Restricted | 33 | 3 | 10.89 | 3.85 |  |  |  |  |  |
| Rural Unrestricted | 34 | 7 | 20.30 | 1.98 | Urban Restricted | 34 | 3 | 10.64 | 3.66 |  |  |  |  |  |
| Rural Unrestricted | 35 | 7 | 20.33 | 1.89 | Urban Restricted | 35 | 3 | 10.53 | 3.56 |  |  |  |  |  |
| Rural Unrestricted | 36 | 7 | 20.45 | 1.83 | Urban Restricted | 36 | 3 | 10.52 | 3.52 |  |  |  |  |  |
| Rural Unrestricted | 37 | 7 | 20.57 | 1.78 | Urban Restricted | 37 | 3 | 10.51 | 3.48 |  |  |  |  |  |
| Rural Unrestricted | 38 | 7 | 20.68 | 1.73 | Urban Restricted | 38 | 3 | 10.50 | 3.44 |  |  |  |  |  |
| Rural Unrestricted | 39 | 7 | 20.79 | 1.68 | Urban Restricted | 39 | 3 | 10.48 | 3.41 |  |  |  |  |  |
| Rural Unrestricted | 40 | 7 | 20.89 | 1.63 | Urban Restricted | 40 | 3 | 10.47 | 3.38 |  |  |  |  |  |
| Rural Unrestricted | 41 | 7 | 20.99 | 1.59 | Urban Restricted | 41 | 3 | 10.46 | 3.35 |  |  |  |  |  |
| Rural Unrestricted | 42 | 7 | 21.08 | 1.55 | Urban Restricted | 42 | 3 | 10.45 | 3.32 |  |  |  |  |  |
| Rural Unrestricted | 43 | 7 | 21.17 | 1.51 | Urban Restricted | 43 | 3 | 10.45 | 3.29 |  |  |  |  |  |
| Rural Unrestricted | 44 | 7 | 21.25 | 1.47 | Urban Restricted | 44 | 3 | 10.44 | 3.26 |  |  |  |  |  |
| Rural Unrestricted | 45 | 7 | 21.30 | 1.43 | Urban Restricted | 45 | 3 | 10.41 | 3.24 |  |  |  |  |  |
| Rural Unrestricted | 46 | 7 | 21.32 | 1.39 | Urban Restricted | 46 | 3 | 10.37 | 3.23 |  |  |  |  |  |
| Rural Unrestricted | 47 | 7 | 21.34 | 1.36 | Urban Restricted | 47 | 3 | 10.34 | 3.20 |  |  |  |  |  |
| Rural Unrestricted | 48 | 7 | 21.35 | 1.32 | Urban Restricted | 48 | 3 | 10.32 | 3.17 |  |  |  |  |  |
| Rural Unrestricted | 49 | 7 | 21.37 | 1.28 | Urban Restricted | 49 | 3 | 10.30 | 3.15 |  |  |  |  |  |
| Rural Unrestricted | 50 | 7 | 21.36 | 1.26 | Urban Restricted | 50 | 3 | 10.28 | 3.12 |  |  |  |  |  |
| Rural Unrestricted | 51 | 7 | 21.35 | 1.23 | Urban Restricted | 51 | 3 | 10.26 | 3.10 |  |  |  |  |  |
| Rural Unrestricted | 52 | 7 | 21.33 | 1.20 | Urban Restricted | 52 | 3 | 10.25 | 3.08 |  |  |  |  |  |
| Rural Unrestricted | 53 | 7 | 21.32 | 1.18 | Urban Restricted | 53 | 3 | 10.23 | 3.05 |  |  |  |  |  |
| Rural Unrestricted | 54 | 7 | 21.31 | 1.16 | Urban Restricted | 54 | 3 | 10.21 | 3.03 |  |  |  |  |  |
| Rural Unrestricted | 55 | 7 | 21.30 | 1.13 | Urban Restricted | 55 | 3 | 10.20 | 3.01 |  |  |  |  |  |
| Rural Unrestricted | 56 | 7 | 21.31 | 1.11 | Urban Restricted | 56 | 3 | 10.21 | 2.98 |  |  |  |  |  |
| Rural Unrestricted | 57 | 7 | 21.33 | 1.08 | Urban Restricted | 57 | 3 | 10.24 | 2.95 |  |  |  |  |  |
| Rural Unrestricted | 58 | 7 | 21.34 | 1.05 | Urban Restricted | 58 | 3 | 10.27 | 2.91 |  |  |  |  |  |
| Rural Unrestricted | 59 | 7 | 21.36 | 1.02 | Urban Restricted | 59 | 3 | 10.32 | 2.88 |  |  |  |  |  |
| Rural Unrestricted | 60 | 7 | 21.38 | 1.00 | Urban Restricted | 60 | 3 | 10.43 | 2.87 |  |  |  |  |  |
| Rural Unrestricted | 61 | 7 | 21.45 | 0.98 | Urban Restricted | 61 | 3 | 10.55 | 2.86 |  |  |  |  |  |
| Rural Unrestricted | 62 | 7 | 21.55 | 0.96 | Urban Restricted | 62 | 3 | 10.67 | 2.84 |  |  |  |  |  |
| Rural Unrestricted | 63 | 7 | 21.65 | 0.94 | Urban Restricted | 63 | 3 | 10.80 | 2.83 |  |  |  |  |  |
| Rural Unrestricted | 64 | 7 | 21.76 | 0.93 | Urban Restricted | 64 | 3 | 10.92 | 2.82 |  |  |  |  |  |
| Rural Unrestricted | 65 | 7 | 21.92 | 0.91 | Urban Restricted | 65 | 3 | 11.16 | 2.81 |  |  |  |  |  |
| Rural Unrestricted | 66 | 7 | 22.08 | 0.89 | Urban Restricted | 66 | 3 | 11.47 | 2.82 |  |  |  |  |  |
| Rural Unrestricted | 67 | 7 | 22.23 | 0.87 | Urban Restricted | 67 | 3 | 11.79 | 2.82 |  |  |  |  |  |
| Rural Unrestricted | 68 | 7 | 22.37 | 0.85 | Urban Restricted | 68 | 3 | 12.11 | 2.81 |  |  |  |  |  |
| Rural Unrestricted | 69 | 7 | 22.51 | 0.83 | Urban Restricted | 69 | 3 | 12.41 | 2.81 |  |  |  |  |  |
| Rural Unrestricted | 70 | 7 | 22.65 | 0.82 | Urban Restricted | 70 | 3 | 12.71 | 2.80 |  |  |  |  |  |
| Rural Unrestricted | 71 | 7 | 22.78 | 0.80 | Urban Restricted | 71 | 3 | 13.00 | 2.79 |  |  |  |  |  |
| Rural Unrestricted | 72 | 7 | 22.91 | 0.79 | Urban Restricted | 72 | 3 | 13.28 | 2.79 |  |  |  |  |  |
| Rural Unrestricted | 73 | 7 | 23.03 | 0.77 | Urban Restricted | 73 | 3 | 13.55 | 2.78 |  |  |  |  |  |
| Rural Unrestricted | 74 | 7 | 23.07 | 0.77 | Urban Restricted | 74 | 3 | 13.84 | 2.84 |  |  |  |  |  |
| Rural Unrestricted | 75 | 7 | 22.76 | 0.86 | Urban Restricted | 75 | 3 | 14.17 | 3.11 |  |  |  |  |  |

1. <https://www.epa.gov/air-emissions-inventories/2014-national-emissions-inventory-nei-data> [↑](#footnote-ref-1)
2. FHWA Office of Highway Policy Information, Traffic Volume Trends. Available at: <https://www.fhwa.dot.gov/policyinformation/travel_monitoring/18jultvt/figure1.cfm>. [↑](#footnote-ref-2)
3. The black line represents the average of all sites, the top blue line the 90th percentile concentration and the bottom the 10th percentile. Source: EPA Air Trends. Available at: <http://www.epa.gov/airtrends/carbon.html>. [↑](#footnote-ref-3)
4. ICF, Zamurs and Associates, and Volpe Transportation Center, NCHRP 25-25/Task 78, “*Programmatic Agreements for Project-Level Air Quality Analyses*”, 2015. See: <http://apps.trb.org/cmsfeed/TRBNetProjectDisplay.asp?ProjectID=3311> [↑](#footnote-ref-4)
5. As noted in the 2015 NCHRP 25-25 Task 78 report, following a review of state agreements in place at that time, the 2009 Virginia DOT PA and TSD were selected as the model for the new national template. Due to limited funding, however, the 2015 NCHRP Task 78 templates did not include skew angles, which had been included in the Virginia DOT version. This update to the 2015 NCHRP Task 78 templates includes both skew angles and road grades. [↑](#footnote-ref-5)
6. US EPA, Guideline for Modeling Carbon Monoxide from Roadway Intersections, EPA-454/R-92-005, Nov. 1992; and Using MOVES in Project-Level Carbon Monoxide Analyses, EPA-420-C-10-041 December 2010 [↑](#footnote-ref-6)
7. E. Carr, S. Hartley, G. Noel & A. Eilbert, NCHRP 25-25 Task 104, “*Streamlining Carbon Monoxide Project-Level Air Quality Analyses with Programmatic Agreements*”, 2020. <http://apps.trb.org/cmsfeed/TRBNetProjectDisplay.asp?ProjectID=4100> [↑](#footnote-ref-7)
8. FHWA Carbon Monoxide Categorical Hot-Spot Finding *(Superseded)*, February 2014. Available at: <http://www.fhwa.dot.gov/environment/air_quality/conformity/policy_and_guidance/cmcf/> [↑](#footnote-ref-8)
9. FHWA Carbon Monoxide Categorical Hot-Spot Finding, 2017. Available at: <https://www.fhwa.dot.gov/environment/air_quality/conformity/policy_and_guidance/cmcf_2017/index.cfm> [↑](#footnote-ref-9)
10. State DOTs have encouraged FHWA to explore options for expanding its CF, e.g., by incorporating the project types and configurations covered by this template PA, and also, very importantly, explicitly making the CF applicable for NEPA in addition to conformity, i.e., in effect making it both a PA and CF. For this purpose, certain of the modeling inputs for this (2020 NCHRP Task 104) update were made consistent as appropriate with the inputs applied in the 2017 FHWA CF. [↑](#footnote-ref-10)
11. See <http://ntl.bts.gov/lib/46000/46500/46598/DOT-VNTSC-FHWA-12-05.pdf> and <http://www.epa.gov/ttnchie1/conference/ei19/session6/choi.pdf> [↑](#footnote-ref-11)
12. CAL3QHC modeling was completed without the use of FHWA’s CAL3i graphical user interface. [↑](#footnote-ref-12)
13. Businger, J.A., J.C. Wingaard, Y. U. Isumi and E. F. Bradley, 1971 “Flux Profile Relationships in the Atmospheric Surface Layer”, *J. Atm Sci.,* 28:181-191. [↑](#footnote-ref-13)
14. U.S. Environmental Protection Agency, Guideline for Modeling Carbon Monoxide from Roadway Intersections, EPA-454/R-92-005, Office of Air Quality Planning and Standards, November 1992. [↑](#footnote-ref-14)
15. This analysis was based on tabular pre-generated data files available at: <https://aqs.epa.gov/aqsweb/airdata/download_files.html>. [↑](#footnote-ref-15)
16. Based on an 8-hour CO background concentration of 2.4 ppm and a persistence factor of 0.7 [↑](#footnote-ref-16)