

Add Health Wave I Road Type Length

Filename: w1rtlen

Description

This Add Health dataset contains road type length calculations within radii of 1, 3, 5, and 8.05 kilometers (5 miles) of Wave I respondent locations. The road type length variables are based on the Census Feature Classification Codes (CFCCs) for road types, which Appendix A describes in further detail. Both Waves I and III of the road type length data use the same 1992 CFCCs.

The following list provides a brief summary of the road type length variables that comprise this file:

Total length of all road segments within 1, 3, 5, and 8.05 km (5 miles) of each respondent. Calculations exclude ferry links (CFCCs A65), as they do not represent actual road segments.

Total length of roads for CFCC groups A00-A08, A10-A18, A20-A28, A30-A38, A40-A48, and A60-A64 within 1, 3, 5, and 8.05 km of each respondent.

Proportion of total length of all road segments for CFCC groups A00-A08, A10-A18, A20-A28, A30-A38, A40-A48, and A60-A64 within 1, 3, 5, and 8.05 km of each respondent.

Based on the fact that the total length of all road segments does not exclude non-ferry links that have other CFCCs (e.g., A70, other thoroughfares), the sum of proportions for CFCC groups A00-A08, A10-A18, A20-A28, A30-A38, A40-A48, and A60-A64 may not equal one.

The roads data used for road type length calculations were extracted from StreetMap 2000 from Environmental Systems Research Institute (ESRI) in Redlands, CA (www.esri.com). Before calculating the road type length variables, the roads data were processed to correct for a significant shift in some road segments. This shift was corrected by aligning the roads with digital orthophoto quarter quadrangle imagery using a series of common points in the roads file and the imagery. Processing also corrected the network topology of the roads data extracted for each Wave I community by (a) repairing intersection undershoots and overshoots, (b) intersecting overlapping road segments, and (c) removing intersections incorrectly placed in the middle of blocks. This cleaning step did not drop street segments having a CFCC of A10-A18 (primary highways with limited access) or A63 (access ramps).

Variable Listing

Variable Name	Variable Label and Description
W1RT00L1	Length of roads (m), where CFCC equals A00-A08, 1 km
W1RT00L3	Length of roads (m), where CFCC equals A00-A08, 3 km
W1RT00L5	Length of roads (m), where CFCC equals A00-A08, 5 km
W1RT00L8	Length of roads (m), where CFCC equals A00-A08, 8 km
W1RT00P1	Proportion of roads, where CFCC equals A00-A08, 1 km
W1RT00P3	Proportion of roads, where CFCC equals A00-A08, 3 km
W1RT00P5	Proportion of roads, where CFCC equals A00-A08, 5 km
W1RT00P8	Proportion of roads, where CFCC equals A00-A08, 8 km
W1RT10L1	Length of roads (m), where CFCC equals A10-A18, 1 km
W1RT10L3	Length of roads (m), where CFCC equals A10-A18, 3 km
W1RT10L5	Length of roads (m), where CFCC equals A10-A18, 5 km

W1RT10L8	Length of roads (m), where CFCC equals A10-A18, 8 km
W1RT10P1	Proportion of roads, where CFCC equals A10-A18, 1 km
W1RT10P3	Proportion of roads, where CFCC equals A10-A18, 3 km
W1RT10P5	Proportion of roads, where CFCC equals A10-A18, 5 km
W1RT10P8	Proportion of roads, where CFCC equals A10-A18, 8 km
W1RT20L1	Length of roads (m), where CFCC equals A20-A28, 1 km
W1RT20L3	Length of roads (m), where CFCC equals A20-A28, 3 km
W1RT20L5	Length of roads (m), where CFCC equals A20-A28, 5 km
W1RT20L8	Length of roads (m), where CFCC equals A20-A28, 8 km
W1RT20P1	Proportion of roads, where CFCC equals A20-A28, 1 km
W1RT20P3	Proportion of roads, where CFCC equals A20-A28, 3 km
W1RT20P5	Proportion of roads, where CFCC equals A20-A28, 5 km
W1RT20P8	Proportion of roads, where CFCC equals A20-A28, 8 km
W1RT30L1	Length of roads (m), where CFCC equals A30-A38, 1 km
W1RT30L3	Length of roads (m), where CFCC equals A30-A38, 3 km
W1RT30L5	Length of roads (m), where CFCC equals A30-A38, 5 km
W1RT30L8	Length of roads (m), where CFCC equals A30-A38, 8 km
W1RT30P1	Proportion of roads, where CFCC equals A30-A38, 1 km
W1RT30P3	Proportion of roads, where CFCC equals A30-A38, 3 km
W1RT30P5	Proportion of roads, where CFCC equals A30-A38, 5 km
W1RT30P8	Proportion of roads, where CFCC equals A30-A38, 8 km
W1RT40L1	Length of roads (m), where CFCC equals A40-A48, 1 km
W1RT40L3	Length of roads (m), where CFCC equals A40-A48, 3 km
W1RT40L5	Length of roads (m), where CFCC equals A40-A48, 5 km
W1RT40L8	Length of roads (m), where CFCC equals A40-A48, 8 km
W1RT40P1	Proportion of roads, where CFCC equals A40-A48, 1 km
W1RT40P3	Proportion of roads, where CFCC equals A40-A48, 3 km
W1RT40P5	Proportion of roads, where CFCC equals A40-A48, 5 km
W1RT40P8	Proportion of roads, where CFCC equals A40-A48, 8 km
W1RT60L1	Length of roads (m), where CFCC equals A60-A64, 1 km
W1RT60L3	Length of roads (m), where CFCC equals A60-A64, 3 km
W1RT60L5	Length of roads (m), where CFCC equals A60-A64, 5 km
W1RT60L8	Length of roads (m), where CFCC equals A60-A64, 8 km
W1RT60P1	Proportion of roads, where CFCC equals A60-A64, 1 km
W1RT60P3	Proportion of roads, where CFCC equals A60-A64, 3 km
W1RT60P5	Proportion of roads, where CFCC equals A60-A64, 5 km
W1RT60P8	Proportion of roads, where CFCC equals A60-A64, 8 km
W1RTARL1	Length of roads (m), all CFCC road types, 1 km
W1RTARL3	Length of roads (m), all CFCC road types, 3 km
W1RTARL5	Length of roads (m), all CFCC road types, 5 km
W1RTARL8	Length of roads (m), all CFCC road types, 8 km

Appendix A: Census Feature Classification Codes

The following description of the Census Feature Class Codes was excerpted from:
<http://www.census.gov/geo/www/tiger/appendxe.asc>.

TIGER/Line(TM) Files, 1992

Appendix E Census Feature Class Codes (CFCC)

Definition

A CFCC is used to identify the most noticeable characteristic of a feature. The CFCC is applied only once to a chain or landmark with preference given to classifications that cover features that are visible to an observer and are part of the ground transportation network. Thus a road that is also the boundary of a town would have a CFCC describing its road characteristics not its boundary characteristics. The CFCC, as used in the TIGER/Line(TM) files, is a three-character code; the first character is a letter describing the feature class; the second character is a number describing the major category; and the third character is a number describing the minor category.

Feature Classes

Feature Class A, Road

Definitions Applicable to Road

The definition of a divided highway has been the source of considerable discussion. Earlier specifications have defined a "divided" road as having "... opposing traffic lanes that are physically separated by a median strip no less than 70 feet wide in former GBF/DIME areas or no less than 200 feet wide in non-GBF/DIME areas." This definition caused confusion in the proper coding of interstates having narrow medians. To clarify the situation, the Census Bureau now uses the term "divided" to refer to a road with opposing traffic lanes separated by any size median, and "separated" to refer to lanes that are represented in the Census TIGER data base as two distinct complete chains. Earlier operations may have depicted widely separated lanes as a single line in the data base or created separate lines when the median was small, depending on the available source used during the update.

The term "rail line in center" indicates that a rail line shares the road right-of-way. The rail line may follow the center of the road or be directly next to the road, representation is dependent upon the available source used during the update. The rail line can represent a railroad, a street car line, or other carline.

Road With Major Category Unknown:

Source materials do not allow determination of the major road category. These codes should not, under most circumstances, be used since the source materials usually provide enough information to determine the major category.

CFCC Description

- A00 Road, major and minor categories unknown
- A01 Road, unseparated
- A02 Road, unseparated, in tunnel
- A03 Road, unseparated, underpassing
- A04 Road, unseparated, with rail line in center
- A05 Road, separated
- A06 Road, separated, in tunnel
- A07 Road, separated, underpassing
- A08 Road, separated, with rail line in center

Primary Highway with Limited Access:

This road is distinguished by the presence of interchanges, access to the highway is by way of ramps, and there are multiple lanes of traffic. A road in this category has the opposing traffic lanes "divided" by a median strip. Interstate highways and some toll highways are in this major category. The TIGER/Line(TM) files may depict the opposing lanes of a road in this category as two distinct lines; in this case the road is called "separated."

CFCC Description

- A10 Primary road with limited access or interstate highway, major category used alone when the minor category could not be determined
- A11 Primary road with limited access or interstate highway, unseparated
- A12 Primary road with limited access or interstate highway, unseparated, in tunnel
- A13 Primary road with limited access or interstate highway, unseparated, underpassing
- A14 Primary road with limited access or interstate highway, unseparated, with rail line in center
- A15 Primary road with limited access or interstate highway, separated
- A16 Primary road with limited access or interstate highway, separated, in tunnel
- A17 Primary road with limited access or interstate highway, separated, underpassing
- A18 Primary road with limited access or interstate highway, separated, with rail line in center

Primary Road without Limited Access:

A road in this major category must be hard surface, that is, concrete or asphalt, and may be divided or undivided and have multi-lane or single lane characteristics. This road has intersections with other roads, usually controlled with traffic lights. This major category includes nationally and regionally important highways that do not have limited access as required by major category A1. Thus, major category A2 includes most U.S. and State highways and some county highways that connect cities and larger towns.

CFCC Description

- A20 Primary road without limited access, U.S. and State highway, major category used alone when the minor category could not be determined
- A21 Primary road without limited access, U.S. and State highways, unseparated
- A22 Primary road without limited access, U.S. and State highways, unseparated, in tunnel
- A23 Primary road without limited access, U.S. and State highways, unseparated, underpassing
- A24 Primary road without limited access, U.S. and State highways, unseparated, with rail line in center
- A25 Primary road without limited access, U.S. and State highways, separated
- A26 Primary road without limited access, U.S. and State highways, separated, in tunnel
- A27 Primary road without limited access, U.S. and State highways, separated, underpassing
- A28 Primary road without limited access, U.S. and State highways, separated, with rail line in center

Secondary and Connecting Road:

A road in this major category must be hard surface, that is, concrete or asphalt, usually undivided with single lane characteristics. This road has intersections with other roads, controlled with traffic lights and stop signs. This major category includes State and county highways that connect smaller towns, subdivisions, and neighborhoods, thus the road is smaller than a road in major category A2. This road, usually with a local name along with a route number, intersects with many other roads and driveways.

CFCC Description

- A30 Secondary and connecting road, State and county highways, major category used alone when the minor category could not be determined
- A31 Secondary and connecting road, State and county highways, unseparated
- A32 Secondary and connecting road, State and county highways, unseparated, in tunnel
- A33 Secondary and connecting road, State and county highways, unseparated, underpassing
- A34 Secondary and connecting road, State and county highways, unseparated, with rail line in center
- A35 Secondary and connecting road, State and county highways, separated
- A36 Secondary and connecting road, State and county highways, separated, in tunnel
- A37 Secondary and connecting road, State and county highways, separated, underpassing
- A38 Secondary and connecting road, State and county highway, separated, with rail line in center

Local, Neighborhood, and Rural Road:

A road in this major category is used for local traffic, usually with a single lane of traffic in each direction. In an urban area, this is a neighborhood road and street that is not a thoroughfare belonging in categories A2 or A3. In a rural area, this is a short distance road connecting the smallest towns; the road may or may not have a State or county route number. In addition, this major category includes scenic park roads, unimproved or unpaved roads, and industrial roads. Most roads in the Nation are classified in this major category.

CFCC Description

- A40 Local, neighborhood, and rural road, city street, major category used alone when the minor category could not be determined
- A41 Local, neighborhood, and rural road, city street, unseparated
- A42 Local, neighborhood, and rural road, city street, unseparated, in tunnel
- A43 Local, neighborhood, and rural road, city street, unseparated, underpassing
- A44 Local, neighborhood, and rural road, city street, unseparated, with rail line in center
- A45 Local, neighborhood, and rural road, city street, separated
- A46 Local, neighborhood, and rural road, city street, separated, in tunnel
- A47 Local, neighborhood, and rural road, city street, separated, underpassing
- A48 Local, neighborhood, and rural road, city street, separated, with rail line in center

Vehicular Trail:

A road in this major category is usable only by four-wheel drive vehicles and is usually a one lane, dirt trail. The road is found almost exclusively in a very rural area, sometimes the road is called a fire road or logging road and may include an abandoned railroad grade where the tracks have been removed. Minor, unpaved roads usable by ordinary cars and trucks belong in major category

A4.

CFCC Description

- A50 Vehicular trail, road passable only by four-wheel drive (4WD) vehicle, major category used alone when the minor category could not be determined
- A51 Vehicular trail, road passable only by 4WD vehicle, unseparated
- A52 Vehicular trail, road passable only by 4WD vehicle, unseparated, in tunnel
- A53 Vehicular trail, road passable only by 4WD vehicle, unseparated, underpassing

Road with Special Characteristics:

A road, portion of a road, intersection of a road, or the ends of a road that are parts of the vehicular highway system that have separately identifiable characteristics.

CFCC Description

- A60 Road with characteristic unspecified, major category used alone when the minor category could not be determined
- A61 Cul-de-sac, the closed end of a road that forms a loop or turn around (the node symbol that appears on some census maps is not included in the TIGER/Line(TM) files)
- A62 Traffic circle, the portion of a road or intersection of roads that form a roundabout (the node symbol that appears on some census maps is not included in the TIGER/Line(TM) files)
- A63 Access ramp, the portion of a road that forms a cloverleaf or limited access interchange (the node symbol that appears on some census maps is not included in the TIGER/Line(TM) files)
- A64 Service drive, the road or portion of a road that provides access to businesses, facilities, and rest areas along a limited access highway, this frontage road may intersect other roads and be named
- A65 Ferry crossing, the portion of a road over water that consists of ships, carrying automobiles, connecting roads on opposite shores

Road as Other Thoroughfare:

A road that is not part of the vehicular highway system. This road is used by bicyclists or pedestrians and is typically inaccessible to mainstream motor traffic except by service vehicles. A stair and walkway may follow a road right-of-way and be named as if it were a road. This major category includes foot and hiking trails located on park and forest land.

CFCC Description

- A70 Other thoroughfare, major category used alone when the minor category could not be determined
- A71 Walkway, nearly level road for pedestrians, usually unnamed
- A72 Stairway, stepped road for pedestrians, usually unnamed
- A73 Alley, road for service vehicles, usually unnamed, located at the rear of buildings and property

Appendix B: Codebook

Wave I - Road Type Length Data
Number of observations: 20,745

AID		Char	Respondent identifier NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1	0%	10316654	
1	0%	10316952	
1	0%	10506342	
1	0%	10570810	
1	0%	10606128	
20735	100%	Values omitted	Values omitted
1	0%	99886995	
1	0%	99886996	
1	0%	99886997	
1	0%	99886998	
1	0%	99886999	

W1RT00L1		Num	Length of roads (m), where CFCC equals A00-A08, 1 km
Frequency	Percent	Value	Label
20745	100%	0	

W1RT00L3		Num	Length of roads (m), where CFCC equals A00-A08, 3 km
Frequency	Percent	Value	Label
20724	100%	0	
21	0%	188	

W1RT00L5		Num	Length of roads (m), where CFCC equals A00-A08, 5 km
Frequency	Percent	Value	Label
20666	100%	0	
79	0%	188	

W1RT00L8		Num	Length of roads (m), where CFCC equals A00-A08, 8 km
Frequency	Percent	Value	Label
20545	99%	0	
200	1%	188	

W1RT00P1		Num	Proportion of roads, where CFCC equals A00-A08, 1 km
Frequency	Percent	Value	Label
20745	100%	0	

W1RT00P3		Num	Proportion of roads, where CFCC equals A00-A08, 3 km
Frequency	Percent	Value	Label
20724	100%	0.0000	
7	0%	0.0008	
7	0%	0.0009	
7	0%	0.0010	

W1RT00P5		Num	Proportion of roads, where CFCC equals A00-A08, 5 km
Frequency	Percent	Value	Label
20666	100%	0.0000	
56	0%	0.0003	
19	0%	0.0004	
2	0%	0.0005	
2	0%	0.0008	

W1RT00P8		Num	Proportion of roads, where CFCC equals A00-A08, 8 km
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Frequency	Percent	Value	Label
20545	99%	0.0000	
90	0%	0.0001	
106	1%	0.0002	
4	0%	0.0003	

W1RT10L1		Num	Length of roads (m), where CFCC equals A10-A18, 1 km NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
15633	75%	0	
1	0%	181	
1	0%	189	
1	0%	196	
1	0%	222	
5101	25%	252-17173	NOTE: Range of values omitted from display
1	0%	18794	
1	0%	19510	
1	0%	21247	
3	0%	22497	
1	0%	24491	

W1RT10L3		Num	Length of roads (m), where CFCC equals A10-A18, 3 km NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
8913	43%	0	
1	0%	42	
1	0%	169	
1	0%	199	
2	0%	222	

11814	57%	346-63933	NOTE: Range of values omitted from display
4	0%	63936	
4	0%	63995	
1	0%	64220	
3	0%	64286	
1	0%	65166	

W1RT10L5		Num	Length of roads (m), where CFCC equals A10-A18, 5 km NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
6692	32%	0	
1	0%	193	
1	0%	196	
1	0%	362	
1	0%	667	
14043	68%	669-110133	NOTE: Range of values omitted from display
1	0%	111285	
1	0%	116192	
1	0%	116365	
1	0%	123601	
2	0%	130539	

W1RT10L8		Num	Length of roads (m), where CFCC equals A10-A18, 8 km NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
4550	22%	0	
1	0%	423	
2	0%	691	
3	0%	847	

2	0%	1002	
16182	78%	1094-233483	NOTE: Range of values omitted from display
1	0%	234013	
1	0%	237154	
1	0%	243801	
1	0%	244812	
1	0%	251414	

W1RT10P1		Num	Proportion of roads, where CFCC equals A10-A18, 1 km NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
15633	75%	0.0000	
1	0%	0.0035	
2	0%	0.0036	
1	0%	0.0042	
1	0%	0.0046	
5098	25%	.0055-.7191	NOTE: Range of values omitted from display
1	0%	0.7568	
1	0%	0.7665	
5	0%	0.7669	
1	0%	0.9002	
1	0%	0.9118	

W1RT10P3		Num	Proportion of roads, where CFCC equals A10-A18, 3 km NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
8913	43%	0.0000	
1	0%	0.0001	
1	0%	0.0004	

1	0%	0.0007	
1	0%	0.0008	
11822	57%	.0011-.454	NOTE: Range of values omitted from display
1	0%	0.4545	
1	0%	0.4561	
2	0%	0.4588	
1	0%	0.4641	
1	0%	0.5526	

W1RT10P5		Num	Proportion of roads, where CFCC equals A10-A18, 5 km NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
6692	32%	0.0000	
1	0%	0.0006	
9	0%	0.0009	
1	0%	0.0013	
1	0%	0.0016	
14036	68%	.0017-.3896	NOTE: Range of values omitted from display
1	0%	0.3909	
1	0%	0.4082	
1	0%	0.4101	
1	0%	0.4371	
1	0%	0.4377	

W1RT10P8		Num	Proportion of roads, where CFCC equals A10-A18, 8 km NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
4550	22%	0.0000	
1	0%	0.0006	

3	0%	0.0013	
1	0%	0.0014	
1	0%	0.0015	
16184	78%	.0016-.2868	NOTE: Range of values omitted from display
1	0%	0.2920	
1	0%	0.2925	
1	0%	0.2934	
1	0%	0.2938	
1	0%	0.3639	

W1RT20L1		Num	Length of roads (m), where CFCC equals A20-A28, 1 km NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
15304	74%	0	
1	0%	11	
1	0%	63	
1	0%	77	
15	0%	130	
5416	26%	136-8438	NOTE: Range of values omitted from display
1	0%	8751	
2	0%	8994	
1	0%	9030	
2	0%	9114	
1	0%	12415	

W1RT20L3		Num	Length of roads (m), where CFCC equals A20-A28, 3 km NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
8317	40%	0	

1	0%	19	
1	0%	32	
2	0%	68	
5	0%	76	
12414	60%	80-30796	NOTE: Range of values omitted from display
1	0%	31143	
1	0%	31325	
1	0%	31689	
1	0%	33105	
1	0%	36292	

W1RT20L5		Num	Length of roads (m), where CFCC equals A20-A28, 5 km NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
4505	22%	0	
4	0%	32	
1	0%	80	
1	0%	81	
2	0%	131	
16227	78%	157-57602	NOTE: Range of values omitted from display
1	0%	62783	
1	0%	63361	
1	0%	63937	
1	0%	64165	
1	0%	66273	

W1RT20L8		Num	Length of roads (m), where CFCC equals A20-A28, 8 km NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label

2688	13%	0	
1	0%	28	
4	0%	43	
1	0%	159	
2	0%	175	
18043	87%	209-117898	NOTE: Range of values omitted from display
1	0%	117909	
1	0%	117952	
1	0%	118118	
1	0%	118203	
2	0%	119179	

W1RT20P1		Num	Proportion of roads, where CFCC equals A20-A28, 1 km NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
15304	74%	0.0000	
1	0%	0.0002	
1	0%	0.0013	
1	0%	0.0014	
1	0%	0.0021	
5428	26%	.0022-.804	NOTE: Range of values omitted from display
1	0%	0.8180	
1	0%	0.8686	
2	0%	0.8877	
1	0%	0.9123	
4	0%	1.0000	

W1RT20P3		Num	Proportion of roads, where CFCC equals A20-A28, 3 km NOTE: Smallest 5 and largest 5 values are displayed.
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Frequency	Percent	Value	Label
8317	40%	0.0000	
2	0%	0.0001	
4	0%	0.0002	
7	0%	0.0003	
6	0%	0.0004	
12404	60%	.0005-.3874	NOTE: Range of values omitted from display
1	0%	0.3969	
1	0%	0.4045	
1	0%	0.4091	
1	0%	0.4093	
1	0%	0.5558	

W1RT20P5		Num	Proportion of roads, where CFCC equals A20-A28, 5 km NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
4509	22%	0.0000	
4	0%	0.0001	
7	0%	0.0002	
2	0%	0.0003	
5	0%	0.0004	
16212	78%	.0005-.2468	NOTE: Range of values omitted from display
1	0%	0.2486	
2	0%	0.2615	
1	0%	0.2713	
1	0%	0.2782	
1	0%	0.3881	

W1RT20P8		Num	Proportion of roads, where CFCC equals A20-A28, 8 km
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			NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2689	13%	0.0000	
3	0%	0.0001	
6	0%	0.0002	
5	0%	0.0003	
6	0%	0.0004	
18029	87%	.0005-.1725	NOTE: Range of values omitted from display
1	0%	0.1774	
1	0%	0.1788	
1	0%	0.1809	
2	0%	0.1870	
2	0%	0.1889	

W1RT30L1		Num	Length of roads (m), where CFCC equals A30-A38, 1 km NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
3085	15%	0	
1	0%	99	
1	0%	141	
2	0%	174	
1	0%	184	
17650	85%	208-18801	NOTE: Range of values omitted from display
1	0%	18927	
1	0%	19532	
1	0%	19662	
1	0%	21048	
1	0%	22511	

W1RT30L3		Num	Length of roads (m), where CFCC equals A30-A38, 3 km NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
929	4%	0	
1	0%	166	
1	0%	263	
1	0%	351	
2	0%	353	
19806	95%	424-115459	NOTE: Range of values omitted from display
1	0%	115979	
1	0%	117069	
1	0%	117087	
1	0%	117241	
1	0%	119695	

W1RT30L5		Num	Length of roads (m), where CFCC equals A30-A38, 5 km NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
395	2%	0	
1	0%	84	
7	0%	166	
1	0%	269	
2	0%	274	
20334	98%	402-256550	NOTE: Range of values omitted from display
1	0%	258024	
1	0%	258233	
1	0%	260877	
1	0%	262749	
1	0%	265774	

W1RT30L8		Num	Length of roads (m), where CFCC equals A30-A38, 8 km NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
107	1%	0	
1	0%	1398	
1	0%	1605	
2	0%	1738	
1	0%	2353	
20628	99%	2411-584371	NOTE: Range of values omitted from display
1	0%	584566	
1	0%	585903	
1	0%	588420	
1	0%	589356	
1	0%	608654	

W1RT30P1		Num	Proportion of roads, where CFCC equals A30-A38, 1 km NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
3085	15%	0.0000	
1	0%	0.0021	
1	0%	0.0052	
1	0%	0.0054	
1	0%	0.0059	
17644	85%	.007-.8936	NOTE: Range of values omitted from display
1	0%	0.8995	
1	0%	0.9232	
1	0%	0.9598	
1	0%	0.9729	

8	0%	1.0000	
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W1RT30P3		Num	Proportion of roads, where CFCC equals A30-A38, 3 km NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
929	4%	0.0000	
1	0%	0.0026	
1	0%	0.0030	
2	0%	0.0060	
1	0%	0.0066	
19806	95%	.0069-.5547	NOTE: Range of values omitted from display
1	0%	0.5585	
1	0%	0.7041	
1	0%	0.8049	
1	0%	0.9677	
1	0%	1.0000	

W1RT30P5		Num	Proportion of roads, where CFCC equals A30-A38, 5 km NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
395	2%	0.0000	
1	0%	0.0005	
7	0%	0.0009	
1	0%	0.0014	
1	0%	0.0015	
20334	98%	.0016-.4385	NOTE: Range of values omitted from display
2	0%	0.4389	
1	0%	0.5338	
1	0%	0.5862	

1	0%	0.6881	
1	0%	0.7226	

W1RT30P8		Num	Proportion of roads, where CFCC equals A30-A38, 8 km NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
107	1%	0.0000	
1	0%	0.0040	
1	0%	0.0041	
1	0%	0.0063	
1	0%	0.0066	
20628	99%	.0095-.3332	NOTE: Range of values omitted from display
2	0%	0.3380	
1	0%	0.3485	
1	0%	0.3577	
1	0%	0.4028	
1	0%	0.6131	

W1RT40L1		Num	Length of roads (m), where CFCC equals A40-A48, 1 km NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
31	0%	0	
5	0%	89	
1	0%	112	
3	0%	197	
1	0%	276	
20696	100%	370-62407	NOTE: Range of values omitted from display
1	0%	63083	
1	0%	63530	

2	0%	64534	
1	0%	64606	
3	0%	65308	

W1RT40L3		Num	Length of roads (m), where CFCC equals A40-A48, 3 km NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2	0%	0	
1	0%	1383	
1	0%	2973	
1	0%	6160	
1	0%	7023	
20734	100%	7045-407561	NOTE: Range of values omitted from display
1	0%	407830	
1	0%	409641	
1	0%	416603	
1	0%	430611	
1	0%	453228	

W1RT40L5		Num	Length of roads (m), where CFCC equals A40-A48, 5 km NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1	0%	4248	
1	0%	9141	
1	0%	11625	
1	0%	17465	
1	0%	17803	
20733	100%	19373-1030621	NOTE: Range of values omitted from display

1	0%	1033957	
1	0%	1037887	
1	0%	1040026	
3	0%	1040712	
1	0%	1048866	

W1RT40L8		Num	Length of roads (m), where CFCC equals A40-A48, 8 km NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1	0%	27206	
1	0%	33855	
1	0%	37366	
1	0%	39700	
1	0%	46930	
20735	100%	52265- 2209626	NOTE: Range of values omitted from display
1	0%	2218418	
1	0%	2225748	
1	0%	2251265	
1	0%	2278319	
1	0%	2290297	

W1RT40P1		Num	Proportion of roads, where CFCC equals A40-A48, 1 km NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
31	0%	0.0000	
1	0%	0.0061	
5	0%	0.0183	
1	0%	0.0271	
1	0%	0.0352	

18699	90%	.0402-.9953	NOTE: Range of values omitted from display
1	0%	0.9955	
1	0%	0.9959	
1	0%	0.9962	
1	0%	0.9963	
2003	10%	1.0000	

W1RT40P3		Num	Proportion of roads, where CFCC equals A40-A48, 3 km NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2	0%	0.0000	
1	0%	0.0323	
1	0%	0.1155	
1	0%	0.1549	
1	0%	0.1764	
20369	98%	.1951-.9848	NOTE: Range of values omitted from display
1	0%	0.9894	
1	0%	0.9930	
1	0%	0.9961	
1	0%	0.9970	
366	2%	1.0000	

W1RT40P5		Num	Proportion of roads, where CFCC equals A40-A48, 5 km NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1	0%	0.0831	
1	0%	0.1824	
1	0%	0.1844	
1	0%	0.1938	

1	0%	0.1976	
20645	100%	.2774-.9884	NOTE: Range of values omitted from display
2	0%	0.9885	
2	0%	0.9889	
1	0%	0.9911	
2	0%	0.9940	
88	0%	1.0000	

W1RT40P8		Num	Proportion of roads, where CFCC equals A40-A48, 8 km NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1	0%	0.1448	
1	0%	0.1734	
1	0%	0.3084	
1	0%	0.3249	
1	0%	0.3600	
20719	100%	.3802-.9815	NOTE: Range of values omitted from display
2	0%	0.9825	
1	0%	0.9868	
1	0%	0.9875	
1	0%	0.9925	
16	0%	1.0000	

W1RT60L1		Num	Length of roads (m), where CFCC equals A60-A64, 1 km NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
15401	74%	0	
1	0%	15	
1	0%	18	

1	0%	29	
1	0%	35	
5335	26%	36-8075	NOTE: Range of values omitted from display
1	0%	8078	
1	0%	8533	
1	0%	8756	
1	0%	9035	
1	0%	10139	

W1RT60L3		Num	Length of roads (m), where CFCC equals A60-A64, 3 km NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
7684	37%	0	
1	0%	29	
2	0%	32	
3	0%	36	
3	0%	53	
13047	63%	55-22071	NOTE: Range of values omitted from display
1	0%	22163	
1	0%	23527	
1	0%	23895	
1	0%	28230	
1	0%	31288	

W1RT60L5		Num	Length of roads (m), where CFCC equals A60-A64, 5 km NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
5645	27%	0	
3	0%	35	

7	0%	36	
3	0%	44	
1	0%	46	
15081	73%	54-53909	NOTE: Range of values omitted from display
1	0%	55164	
1	0%	65681	
1	0%	67592	
1	0%	72684	
1	0%	75585	

W1RT60L8		Num	Length of roads (m), where CFCC equals A60-A64, 8 km NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
3807	18%	0	
17	0%	20	
2	0%	35	
2	0%	46	
9	0%	83	
16903	81%	94-119008	NOTE: Range of values omitted from display
1	0%	121157	
1	0%	122006	
1	0%	122426	
1	0%	123490	
1	0%	124756	

W1RT60P1		Num	Proportion of roads, where CFCC equals A60-A64, 1 km NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
15401	74%	0.0000	

1	0%	0.0002	
2	0%	0.0005	
3	0%	0.0006	
2	0%	0.0007	
5331	26%	.0008-.1796	NOTE: Range of values omitted from display
1	0%	0.1810	
1	0%	0.1817	
1	0%	0.1829	
1	0%	0.1953	
1	0%	0.2107	

W1RT60P3		Num	Proportion of roads, where CFCC equals A60-A64, 3 km NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
7684	37%	0.0000	
3	0%	0.0001	
10	0%	0.0002	
79	0%	0.0003	
12	0%	0.0004	
12951	62%	.0005-.0796	NOTE: Range of values omitted from display
1	0%	0.0804	
1	0%	0.0818	
1	0%	0.0840	
1	0%	0.0841	
2	0%	0.0868	

W1RT60P5		Num	Proportion of roads, where CFCC equals A60-A64, 5 km NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label

5645	27%	0.0000	
63	0%	0.0001	
47	0%	0.0002	
42	0%	0.0003	
19	0%	0.0004	
14924	72%	.0005-.0554	NOTE: Range of values omitted from display
1	0%	0.0559	
1	0%	0.0588	
1	0%	0.0604	
1	0%	0.0624	
1	0%	0.0643	

W1RT60P8		Num	Proportion of roads, where CFCC equals A60-A64, 8 km NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
3808	18%	0.0000	
21	0%	0.0001	
18	0%	0.0002	
11	0%	0.0003	
18	0%	0.0004	
16864	81%	.0005-.052	NOTE: Range of values omitted from display
1	0%	0.0523	
1	0%	0.0527	
1	0%	0.0534	
1	0%	0.0575	
1	0%	0.0650	

W1RTARL1		Num	Length of roads (m), all CFCC road types, 1 km NOTE: Smallest 5 and largest 5 values are displayed.
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Frequency	Percent	Value	Label
14	0%	0	
1	0%	591	
1	0%	730	
1	0%	871	
1	0%	956	
20721	100%	1063-80497	NOTE: Range of values omitted from display
1	0%	80777	
1	0%	81204	
1	0%	81345	
2	0%	81453	
1	0%	82306	

W1RTARL3		Num	Length of roads (m), all CFCC road types, 3 km NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1	0%	9018	
1	0%	9046	
1	0%	10647	
2	0%	11675	
2	0%	13391	
20733	100%	13641-507321	NOTE: Range of values omitted from display
1	0%	509489	
1	0%	515447	
1	0%	533623	
1	0%	570958	
1	0%	611483	

W1RTARL5		Num	Length of roads (m), all CFCC road types, 5 km NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1	0%	20333	
1	0%	21674	
1	0%	21757	
1	0%	21824	
1	0%	21939	
20734	100%	22107-1307692	NOTE: Range of values omitted from display
1	0%	1312519	
1	0%	1312608	
1	0%	1312626	
1	0%	1313939	
2	0%	1314786	

W1RTARL8		Num	Length of roads (m), all CFCC road types, 8 km NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1	0%	55639	
1	0%	66428	
1	0%	84765	
1	0%	98689	
1	0%	116844	
20734	100%	119595-3044942	NOTE: Range of values omitted from display
1	0%	3052439	
2	0%	3056089	
1	0%	3073023	
1	0%	3116723	

1	0%	3234695	
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