

ICPSR 38585

**National Neighborhood Data
Archive (NaNDA): Primary and
Secondary Roads by Census Tract
and ZIP Code Tabulation Area,
United States, 2010 and 2020**

Primary and Secondary Roads by Census Tract
2020 Data

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ICPSR PROCESSING NOTES FOR #38585

National Neighborhood Data Archive (NaNDA): Primary and Secondary Roads by Census Tract and ZIP Code Tabulation Area, United States, 2010 and 2020
DS 3: Primary and Secondary Roads by Census Tract 2020 Data

1. **Additional Information:** For additional information on the National Neighborhood Data Archive (NaNDA), please visit the [NaNDA](#) website.

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National Neighborhood Data Archive (NaNDA): Primary and Secondary Roads by Census Tract and ZIP Code Tabulation Area, United States, 2010 and 2020

Variable Description and Frequencies

Note: Frequencies displayed for the variables are not weighted. They are purely descriptive and may not be representative of the study population. Please review any sampling or weighting information available with the study.

Summary statistics (minimum, maximum, arithmetic mean, median, mode, and standard deviation) may not be available for every variable in the codebook. Conversely, a listing of frequencies in table format may not be present for every variable in the codebook either. However, all variables in the dataset are present and display sufficient information about each variable. These decisions are made intentionally and are at the discretion of the archive producing this codebook.

Primary and Secondary Roads by Census Tract 2020 Data

TRACT_FIPS20: Census tract FIPS code (2020 TIGER/Line shapefiles)

Based upon 85,051 valid cases out of 85,051 total cases.

Location: 1-11 (width: 11; decimal: 0)

Variable Type: character

N_STREETS: Number of streets in tract

Based upon 85,051 valid cases out of 85,051 total cases.

- Mean: 538.72
- Minimum: 1.00
- Maximum: 33087.00
- Standard Deviation: 854.02

Location: 12-16 (width: 5; decimal: 0)

Variable Type: numeric

SUM_STRINTLEN: Total length of streets within tract (meters)

Based upon 85,051 valid cases out of 85,051 total cases.

- Mean: 139988.331625
- Minimum: 24.647402
- Maximum: 20619228.000000
- Standard Deviation: 421596.014041

Location: 17-31 (width: 15; decimal: 6)

Variable Type: numeric

N_PRIMARY_ROADS: Number of primary roads in tract

Value	Label	Unweighted Frequency	%
0	-	57493	67.6 %
1	-	308	0.4 %
2	-	812	1.0 %
3	-	740	0.9 %
4	-	1208	1.4 %
5	-	1092	1.3 %
6	-	1304	1.5 %
7	-	1049	1.2 %
8	-	1212	1.4 %
9	-	989	1.2 %
10	-	1135	1.3 %
11	-	956	1.1 %
12	-	955	1.1 %
13	-	834	1.0 %

Value	Label	Unweighted Frequency	%
14	-	873	1.0 %
15	-	703	0.8 %
16	-	771	0.9 %
17	-	612	0.7 %
18	-	656	0.8 %
19	-	571	0.7 %
20	-	562	0.7 %
21	-	477	0.6 %
22	-	497	0.6 %
23	-	423	0.5 %
24	-	465	0.5 %
25	-	374	0.4 %
26	-	371	0.4 %
27	-	363	0.4 %
28	-	325	0.4 %
29	-	308	0.4 %
30	-	343	0.4 %
31	-	289	0.3 %
32	-	288	0.3 %
33	-	278	0.3 %
34	-	224	0.3 %
35	-	233	0.3 %
36	-	228	0.3 %
37	-	216	0.3 %
38	-	220	0.3 %
39	-	222	0.3 %
40	-	189	0.2 %
41	-	176	0.2 %
42	-	168	0.2 %
43	-	164	0.2 %
44	-	134	0.2 %
45	-	149	0.2 %
46	-	127	0.1 %
47	-	165	0.2 %
48	-	106	0.1 %
49	-	118	0.1 %
	Total	85,051	100%

Please note that only the first 50 response categories are displayed in the PDF codebook. To view all response categories, please analyze the data file in the statistical package of your choice (SAS, SPSS, Stata, R).

Based upon 85,051 valid cases out of 85,051 total cases.

- Mean: 7.18
- Median: 0.00
- Mode: 0.00
- Minimum: 0.00
- Maximum: 588.00
- Standard Deviation: 16.94

Location: 32-34 (width: 3; decimal: 0)

Variable Type: numeric

N_SECONDARY_ROADS: Number of secondary roads in tract

Value	Label	Unweighted Frequency	%
0	-	26233	30.8 %
1	-	514	0.6 %
2	-	668	0.8 %
3	-	678	0.8 %
4	-	863	1.0 %
5	-	842	1.0 %
6	-	928	1.1 %
7	-	1001	1.2 %
8	-	1038	1.2 %
9	-	1042	1.2 %
10	-	1044	1.2 %
11	-	1005	1.2 %
12	-	1024	1.2 %
13	-	989	1.2 %
14	-	1029	1.2 %
15	-	928	1.1 %
16	-	932	1.1 %
17	-	968	1.1 %
18	-	956	1.1 %
19	-	908	1.1 %
20	-	904	1.1 %
21	-	870	1.0 %
22	-	795	0.9 %
23	-	776	0.9 %
24	-	730	0.9 %
25	-	725	0.9 %
26	-	696	0.8 %

Value	Label	Unweighted Frequency	%
27	-	639	0.8 %
28	-	744	0.9 %
29	-	699	0.8 %
30	-	684	0.8 %
31	-	576	0.7 %
32	-	617	0.7 %
33	-	625	0.7 %
34	-	560	0.7 %
35	-	545	0.6 %
36	-	540	0.6 %
37	-	520	0.6 %
38	-	503	0.6 %
39	-	496	0.6 %
40	-	497	0.6 %
41	-	495	0.6 %
42	-	516	0.6 %
43	-	436	0.5 %
44	-	453	0.5 %
45	-	416	0.5 %
46	-	449	0.5 %
47	-	426	0.5 %
48	-	380	0.4 %
49	-	372	0.4 %
	Total	85,051	100%

Please note that only the first 50 response categories are displayed in the PDF codebook. To view all response categories, please analyze the data file in the statistical package of your choice (SAS, SPSS, Stata, R).

Based upon 85,051 valid cases out of 85,051 total cases.

- Mean: 43.88
- Minimum: 0.00
- Maximum: 1492.00
- Standard Deviation: 68.57

Location: 35-38 (width: 4; decimal: 0)

Variable Type: numeric

N_PRIM_SEC_ROADS: Number of primary or secondary roads in tract

Value	Label	Unweighted Frequency	%
0	-	17627	20.7 %
1	-	427	0.5 %

Value	Label	Unweighted Frequency	%
2	-	765	0.9 %
3	-	805	0.9 %
4	-	1168	1.4 %
5	-	1139	1.3 %
6	-	1234	1.5 %
7	-	1251	1.5 %
8	-	1311	1.5 %
9	-	1228	1.4 %
10	-	1255	1.5 %
11	-	1220	1.4 %
12	-	1143	1.3 %
13	-	1133	1.3 %
14	-	1129	1.3 %
15	-	1068	1.3 %
16	-	1094	1.3 %
17	-	1051	1.2 %
18	-	1017	1.2 %
19	-	973	1.1 %
20	-	1034	1.2 %
21	-	905	1.1 %
22	-	872	1.0 %
23	-	833	1.0 %
24	-	803	0.9 %
25	-	762	0.9 %
26	-	762	0.9 %
27	-	743	0.9 %
28	-	734	0.9 %
29	-	730	0.9 %
30	-	747	0.9 %
31	-	616	0.7 %
32	-	688	0.8 %
33	-	667	0.8 %
34	-	591	0.7 %
35	-	624	0.7 %
36	-	607	0.7 %
37	-	592	0.7 %
38	-	549	0.6 %
39	-	562	0.7 %
40	-	530	0.6 %

Value	Label	Unweighted Frequency	%
41	-	543	0.6 %
42	-	557	0.7 %
43	-	490	0.6 %
44	-	503	0.6 %
45	-	464	0.5 %
46	-	490	0.6 %
47	-	460	0.5 %
48	-	437	0.5 %
49	-	451	0.5 %
	Total	85,051	100%

Please note that only the first 50 response categories are displayed in the PDF codebook. To view all response categories, please analyze the data file in the statistical package of your choice (SAS, SPSS, Stata, R).

Based upon 85,051 valid cases out of 85,051 total cases.

- Mean: 51.06
- Minimum: 0.00
- Maximum: 1492.00
- Standard Deviation: 73.08

Location: 39-42 (width: 4; decimal: 0)

Variable Type: numeric

PROP_PRIMARY_ROADS: Proportion of primary roads in tract (n_primary_roads/n_streets)

Based upon 85,051 valid cases out of 85,051 total cases.

- Mean: 0.0179054128958
- Minimum: 0.0000000000000
- Maximum: 1.0000000000000
- Standard Deviation: 0.0387449302470

Location: 43-57 (width: 15; decimal: 13)

Variable Type: numeric

PROP_SECONDARY_ROADS: Proportion of secondary roads in tract (n_secondary_roads/n_streets)

Based upon 85,051 valid cases out of 85,051 total cases.

- Mean: 0.0743251340918
- Minimum: 0.0000000000000
- Maximum: 1.0000000000000
- Standard Deviation: 0.0777055216231

Location: 58-72 (width: 15; decimal: 13)

Variable Type: numeric

PROP_PRIM_SEC_ROADS: Proportion of primary or secondary roads in tract (n_prim_sec_roads/n_streets)

Based upon 85,051 valid cases out of 85,051 total cases.

- Mean: 0.0922305469668
- Minimum: 0.0000000000000
- Maximum: 1.0000000000000
- Standard Deviation: 0.0848019871816

Location: 73-87 (width: 15; decimal: 13)

Variable Type: numeric

SUM_STRLN_PRIMARY: Total length of primary roads in tract

Based upon 85,051 valid cases out of 85,051 total cases.

- Mean: 2720.04500396
- Minimum: 0.00000000
- Maximum: 631759.81250000
- Standard Deviation: 9083.03906988

Location: 88-102 (width: 15; decimal: 8)

Variable Type: numeric

SUM_STRLN_SECONDARY: Total length of secondary roads in tract

Based upon 85,051 valid cases out of 85,051 total cases.

- Mean: 11009.44514483
- Minimum: 0.00000000
- Maximum: 807674.25000000
- Standard Deviation: 24912.72622524

Location: 103-117 (width: 15; decimal: 8)

Variable Type: numeric

SUM_STRLN_PRIM_SEC: Total length of primary or secondary roads in tract

Based upon 85,051 valid cases out of 85,051 total cases.

- Mean: 13729.49015011
- Minimum: 0.00000000
- Maximum: 807674.25000000
- Standard Deviation: 28580.38782144

Location: 118-132 (width: 15; decimal: 8)

Variable Type: numeric

PROP_STRLN_PRIMARY: Prop. primary road length in tract (sum_strlen_primary/sum_strintlen)

Based upon 85,051 valid cases out of 85,051 total cases.

- Mean: 0.0307394742313
- Minimum: 0.0000000000000

- Maximum: 1.00000000000000
- Standard Deviation: 0.0582037995595

Location: 133-147 (width: 15; decimal: 13)

Variable Type: numeric

PROP_STRLen_SECONDARY: Prop. secondary road length in tract (sum_strlen_secondary/sum_strintlen)

Based upon 85,051 valid cases out of 85,051 total cases.

- Mean: 0.0747646763800
- Minimum: 0.00000000000000
- Maximum: 1.00000000000000
- Standard Deviation: 0.0777458132741

Location: 148-162 (width: 15; decimal: 13)

Variable Type: numeric

PROP_STRLen_PRIM_SEC: Prop. primary/secondary road length in tract (sum_strlen_prim_sec/sum_strintlen)

Based upon 85,051 valid cases out of 85,051 total cases.

- Mean: 0.1055041506073
- Minimum: 0.00000000000000
- Maximum: 1.00000000000000
- Standard Deviation: 0.0921126071285

Location: 163-177 (width: 15; decimal: 13)

Variable Type: numeric