

Appendix T

Air Quality and GHG Emissions Calculations

Xcel Energy
MMRTP
Construction Emissions 2026-2028
Summary

Construction Components	Criteria Air Pollutant Emissions (ton / year)						GHG Emissions (metric ton/year)			
	CO	NO _x	SO ₂	VOC	PM ₁₀	PM _{2.5}	CO ₂	CH ₄	N ₂ O	CO ₂ e
Year 2026										
Off-Road Engine Emissions	6.36	10.92	4.79E-03	0.57	0.37	0.37	1123.89	0.02	0.10	1152.93
Fugitive Dust Emissions					35.53	3.86				
On Road Emissions	0.45	0.03	3.42E-04	3.75E-03	0.02	0.01	58.15	1.10E-03	2.68E-04	58.25
Year 2026 Total	6.80	10.95	0.01	0.58	35.92	4.23	1,182.04	0.02	0.10	1,211.19
Year 2027										
Off-Road Engine Emissions	29.02	49.84	0.02	2.62	1.68	1.68	5126.21	0.09	0.44	5258.66
Fugitive Dust Emissions					140.77	14.38				
On Road Emissions	1.18	0.07	9.44E-04	8.76E-03	0.07	0.02	161.06	2.78E-03	9.01E-04	161.40
Year 2027 Total	30.20	49.91	0.02	2.63	142.52	16.08	5,287.28	0.09	0.44	5,420.06
Year 2028										
Off-Road Engine Emissions	29.91	51.36	0.02	2.70	1.73	1.73	5283.68	0.09	0.45	5420.19
Fugitive Dust Emissions					144.98	14.80				
On Road Emissions	1.56	0.09	1.31E-03	1.08E-02	0.09	0.02	223.50	3.64E-03	1.22E-03	223.96
Year 2028 Total	31.47	51.45	0.02	2.71	146.81	16.56	5,507.18	0.10	0.45	5,644.15

Equipment	MOVES Lookup ID	SCAB Lookup ID	Fuel	HP	Typical Hours per day	Typical Days/Year	Count	Total Hours Used
Equipment								
ATV 4 TO 6 WHEEL, W/ DUMP	Off-Highway Trucks	Off-Highway Trucks	Diesel	13.5	2	15	1	30
BACKHOE W/ LOADER 4X4	Tractors/Loaders/Backhoes	Tractors/Loaders/Backhoes	Diesel	94	2	21	2	84
BUCKET 105' WORK HEIGHT	Aerial Lifts	Aerial Lifts	Diesel	300	8	35	3	840
BUCKET 125' WORK HEIGHT 8X6	Aerial Lifts	Aerial Lifts	Diesel	350	8	35	1	280
BUCKET 77' WORK HEIGHT SWAMP TRK MTD	Aerial Lifts	Aerial Lifts	Diesel	300	8	15	2	240
TRUCK MTD 4 T ARTICULATING BOOM W/ FORKS & CLAM	Cranes	Cranes	Diesel	450	2	21	1	42
CRANE TRUCK 45 T HYDRAULIC 6 AXLE	Cranes	Cranes	Diesel	450	8	35	6	1680
DIGGER DERRICK 15 T CAP	Cranes	Cranes	Diesel	330	8	35	4	1120
DIGGER DERRICK 15 T CAP SWAMP TRACK MTD	Cranes	Cranes	Diesel	300	8	15	2	240
DOZER 10 THRU 12 T, W/ WINCH	Crawler Tractor/Dozers	Crawler Tractors	Diesel	80	4	21	1	84
DOZER 18 T W/ WINCH	Crawler Tractor/Dozers	Crawler Tractors	Diesel	190	4	21	1	84
CRAWLER CARRIER W/ 360 DUMP BOX OR DOZER 18 T W/ WINCH	Crawler Tractor/Dozers	Crawler Tractors	Diesel	80	6	15	1	90
EXCAVATOR 25 T	Excavators	Excavators	Diesel	172	4	15	1	60
FORKLIFT 11,000 THRU 12,000# TELESCOPIC BOOM	Forklifts	Forklifts	Diesel	142	4	35	3	420
FRONT END LOADER 68,000# 4X4	Rubber Tire Loaders	Rubber Tired Loaders	Diesel	386	4	35	4	560
GENERATOR 23kW THRU 60kW TRAILER MOUNTED TOW TYPE	Generator Sets	Generator Sets	Diesel	38	8	20	4	640
HYDRAULIC BULLWHEEL BUNDLE TENSIONER	Other Construction Equipment	Other Construction Equipment	Diesel	80	2	18	1	36
PULLER ROPE TRAILER 4,000# CAP W/ SPLIT REEL TOW TYPE TANDEM AXLE	Other Construction Equipment	Other Construction Equipment	Diesel	74	2	18	1	36
PULLER CABLE TRAILER 30,000# CAP TOW TYPE TANDEM AXLE	Other Construction Equipment	Other Construction Equipment	Diesel	400	2	18	1	36
PULLER ROPE TRAILER 4 DRUM 3,500# CAP TOW TYPE TANDEM AXLE	Other Construction Equipment	Other Construction Equipment	Diesel	115	2	18	1	36
300T AT Setting Crane	Cranes	Cranes	Diesel	577	6	30	1	180
60T RT Crane	Cranes	Cranes	Diesel	320	4	35	4	560
SKID STEER LOADER TRACK MTD 80 > 75 HP	Skid Steer Loaders	Skid Steer Loaders	Diesel	95	4	35	5	700
DUMP BOX TRUCK 2-1/2 T 6X6	Dumpers/Tenders	Dumpers/Tenders Composite	Diesel	505	2	35	1	70
DUMP BOX TRUCK 1-1/4 & 1-1/2 T	Dumpers/Tenders	Dumpers/Tenders Composite	Diesel	420	4	35	2	280
FLATBED (FRAMING) TRUCK 1-1/4 & 1-1/2 T	Dumpers/Tenders	Dumpers/Tenders Composite	Diesel	420	4	35	6	840
PICKUP TRUCK 3/4 T	Off-highway Trucks	Off-highway Trucks	Diesel	420	8	35	14	3920
TRUCK TRACTOR 2-1/2 T 6X4 & S T 6X6	Off-highway Trucks	Off-highway Trucks	Diesel	450	4	21	6	504

Fugitive Dust								
Dust from On Site Activities								
Onroad								
Resuspended Road Dust								
Worker Commute (Gas Passenger Truck)	31		Gasoline	170,100	1	2026	3	5
Material Hauling (Single Unit Truck)	52		Diesel	250	2	2026	3	5

^a EPA Tier II Emissions

^b South Coast AQMD Off Road- Model Mobile Source Emission Factors (<https://www.aqmd.gov/home/rules-compliance/ceqa/air-quality-analysis-handbook/off-road-mobile-source-emission-factors>)

^c Load Factors from MOVES4

^d EPA 420-P-04-009, Exhaust and Crankcase Emission Factors for Nonroad Engine Modeling - Compression Ignition, USEPA, April 2004 - Tier 2 Engines.

^e Assumed breakdown of 5% for NMHC and 95% for NO_x emissions. NMHC used as VOC.

https://www.baaqmd.gov/~media/Files/Engineering/policy_and_procedures/Engines/EmissionFactorsforDieselEngines.aspx

^f Global Warming Potentials from 40 CFR 98 Table A-1

^g N₂O emissions estimated based on the ratio of g N₂O per gallon of construction diesel to gallons of diesel per g CO₂, obtained from Tables 2.7 and 2.1, respectively, of the 2022 Climate Registry Default Emission Factors. Retrieved from <https://theclimaterestistry.org/wp-content/uploads/2022/11/2022-Default-Emission-Factors-Final.pdf> on April 7, 2023.

^h N₂O emissions estimated based on the ratio of g N₂O per gallon of construction gasoline to gallons of gasoline per g CO₂, obtained from Tables 2.7 and 2.1, respectively, of the 2022 Climate Registry Default Emission Factors. Retrieved from <https://theclimaterestistry.org/wp-content/uploads/2022/11/2022-Default-Emission-Factors-Final.pdf> on April 7, 2023.

ⁱ Calculated from MOVES for Olmsted County, MN Assumption:

1 kWh = 1.34 hp-hr

lb/metric ton

2204.62

Equipment	MOVES Lookup ID	Load Factor ^c	Emission Factors (g/hp-hr) ^{a,b}							Emission Factors (g/hr) ^a			
			CO	NO _x ^e	SO ₂ ^d	VOC ^e	PM ₁₀	PM _{2.5}	CO ₂	CH ₄	N ₂ O ^{f,h}	CO ₂ e ⁱ	
Equipment													
ATV 4 TO 6 WHEEL, W/ DUMP	Off-Highway Trucks	0.59	4.9254	5.3172	0.0020	0.2799	0.5970	0.5970	56738.8018	2.5437	4.8347	58243.1486	
BACKHOE W/ LOADER 4X4	Tractors/Loaders/Backhoes	0.21	3.7313	5.3172	0.0020	0.2799	0.2985	0.2985	23463.4126	0.7832	1.9993	24078.7938	
BUCKET 105' WORK HEIGHT	Aerial Lifts	0.21	2.6119	4.6791	0.0020	0.2463	0.1493	0.1493	96549.7784	0.4122	8.2271	99011.7486	
BUCKET 125' WORK HEIGHT 8X6	Aerial Lifts	0.21	2.6119	4.5373	0.0020	0.2388	0.1493	0.1493	96549.7784	0.4122	8.2271	99011.7486	
BUCKET 77' WORK HEIGHT SWAMP TRK MTD	Aerial Lifts	0.21	2.6119	4.6791	0.0020	0.2463	0.1493	0.1493	96549.7784	0.4122	8.2271	99011.7486	
TRUCK MTD 4 T ARTICULATING BOOM W/ FORKS & CLAM	Cranes	0.43	2.6119	4.5373	0.0020	0.2388	0.1493	0.1493	81692.4933	1.4314	6.9611	83802.6746	
CRANE TRUCK 45 T HYDRAULIC 6 AXLE	Cranes	0.43	2.6119	4.5373	0.0020	0.2388	0.1493	0.1493	81692.4933	1.4314	6.9611	83802.6746	
DIGGER DERRICK 15 T CAP	Cranes	0.43	2.6119	4.5373	0.0020	0.2388	0.1493	0.1493	81692.4933	1.4314	6.9611	83802.6746	
DIGGER DERRICK 15 T CAP SWAMP TRACK MTD	Cranes	0.43	2.6119	4.6791	0.0020	0.2463	0.1493	0.1493	81692.4933	1.4314	6.9611	83802.6746	
DOZER 10 THRU 12 T W/ WINCH	Crawler Tractor/Dozers	0.59	3.7313	5.3172	0.0020	0.2799	0.2985	0.2985	29851.1565	1.9934	2.5436	30658.9938	
DOZER 18 T W/ WINCH	Crawler Tractor/Dozers	0.59	2.6119	4.6791	0.0020	0.2463	0.1493	0.1493	75355.9475	1.9934	6.4211	77319.2766	
CRAWLER CARRIER W/ 360 DUMP BOX OR DOZER 18 T W/ WINCH	Crawler Tractor/Dozers	0.59	3.7313	5.3172	0.0020	0.2799	0.2985	0.2985	29851.1565	1.9934	2.5436	30658.9938	
EXCAVATOR 25 T	Excavators	0.59	3.7313	4.6791	0.0020	0.2463	0.2239	0.2239	50902.8167	0.8117	4.3375	52215.6719	
FORKLIFT 11,000 THRU 12,000# TELESCOPIC BOOM	Forklifts	0.59	3.7313	4.6791	0.0020	0.2463	0.2239	0.2239	25425.8179	0.6148	2.1665	26806.8142	
FRONT END LOADER 68,000# 4X4	Rubber Tire Loaders	0.59	2.6119	4.5373	0.0020	0.2388	0.1493	0.1493	107505.0812	0.8359	9.1606	110255.8274	
GENERATOR 23KW THRU 60KW TRAILER MOUNTED TOW TYPE	Generator Sets	0.43	4.1045	5.3172	0.0020	0.2799	0.4478	0.4478	13890.3485	0.4472	1.1836	14254.2436	
HYDRAULIC BULLWHEEL BUNDLE TENSIONER	Other Construction Equipment	0.59	3.7313	5.3172	0.0020	0.2799	0.2985	0.2985	36676.8768	0.4815	3.1253	37620.2418	
PULLER ROPE TRAILER 4,000# CAP W/ SPLIT REEL TOW TYPE TANDEM AXLE	Other Construction Equipment	0.59	3.7313	5.3172	0.0020	0.2799	0.2985	0.2985	36676.8768	0.4815	3.1253	37620.2418	
PULLER CABLE TRAILER 30,000# CAP TOW TYPE TANDEM AXLE	Other Construction Equipment	0.59	2.6119	4.5373	0.0020	0.2388	0.1493	0.1493	115320.5588	0.4815	9.8265	118260.9032	
PULLER ROPE TRAILER 4 DRUM 3,500# CAP TOW TYPE TANDEM AXLE	Other Construction Equipment	0.59	3.7313	4.6791	0.0020	0.2463	0.2239	0.2239	36676.8768	0.4815	3.1253	37620.2418	
300T AT Setting Crane	Cranes	0.43	2.6119	4.5373	0.0020	0.2388	0.1493	0.1493	137458.6383	1.4314	11.7129	140984.8755	
60T RT Crane	Cranes	0.43	2.6119	4.5373	0.0020	0.2388	0.1493	0.1493	81692.4933	1.4314	6.9611	83802.6746	
SKID STEER LOADER TRACK MTD 80 > 75 HP	Skid Steer Loaders	0.21	3.7313	5.3172	0.0020	0.2799	0.2985	0.2985	19396.4227	0.6820	1.6528	19906.0015	
DUMP BOX TRUCK 2-1/2 T 6X6	Dumpers/Tenders	0.21	2.6119	4.5373	0.0020	0.2388	0.1493	0.1493	3458.3652	0.3764	0.2947	3555.5937	
DUMP BOX TRUCK 1-1/4 & 1-1/2 T	Dumpers/Tenders	0.21	2.6119	4.5373	0.0020	0.2388	0.1493	0.1493	3458.3652	0.3764	0.2947	3555.5937	
FLATBED (FRAMING) TRUCK 1-1/4 & 1-1/2 T	Dumpers/Tenders	0.21	2.6119	4.5373	0.0020	0.2388	0.1493	0.1493	3458.3652	0.3764	0.2947	3555.5937	
PICKUP TRUCK 3/4 T	Off-highway Trucks	0.59	2.6119	4.5373	0.0020	0.2388	0.1493	0.1493	123528.4545	2.5437	10.5259	126728.7743	
TRUCK TRACTOR 2-1/2 T 6X4 & 5 T 6X6	Off-highway Trucks	0.59	2.6119	4.5373	0.0020	0.2388	0.1493	0.1493	123528.4545	2.5437	10.5259	126728.7743	

Fugitive Dust												
Dust from On Site Activities												
			Emission Factors (g/ml)¹									
Onroad	MOVES Vehicle Class		CO	NO_x	SO₂	VOC	PM₁₀	PM_{2.5}	CO₂	CH₄	N₂O	CO₂e¹
Resuspended Road Dust												
Worker Commute (Gas Passenger Truck)	31		2.37339	0.14611	0.00182	0.01991	0.00236	0.00208	340.69671	0.00645	0.00143	341.2826883
Material Hauling (Single Unit Truck)	52		0.77020	1.04966	0.00259	0.05016	0.02313	0.02128	770.30999	0.00695	0.10119	800.6390356

^a EPA Tier II Emissions

^b South Coast AQMD Off Road- Model Mobile Source Emission Factors (<https://www.aqmd.gov/home/rules-compliance/ceqa/air-quality-analysis-handbook/off-road-mobile-source-emission-factors>)

^c Load Factors from MOVES4

^d EPA 420-P-04-009, Exhaust and Crankcase Emission Factors for Nonroad Engine Modeling - Compression Ignition, USEPA, April 2004 - Tier 2 Engines.

^e Assumed breakdown of 5% for NMHC and 95% for NO_x emissions. NMHC used as VOC.

https://www.baaqmd.gov/~media/Files/Engineering/policy_and_procedures/Engines/EmissionFactorsforDieselEngines.ashx

^f Global Warming Potentials from 40 CFR 98 Table A-1

⁸ N₂O emissions estimated based on the ratio of g N₂O per gallon of construction diesel to gallons of diesel per g CO₂, obtained from Tables 2.7 and 2.1, respectively, of the 2022 Climate Registry Default Emission Factors. Retrieved from <https://thelimitregistry.org/wp-content/uploads/2022/11/2022-Default-Emission-Factors-Final.pdf> on April 7, 2023.

^b N₂O emissions estimated based on the ratio of g N₂O per gallon of construction gasoline to gallons of gasoline per g CO₂, obtained from Tables 2.7 and 2.1, respectively, of the 2022 Climate Registry Default Emission Factors. Retrieved from <https://theclimateregistry.org/wp-content/uploads/2022/11/2022-Default-Emission-Factors-Final.pdf> on April 7, 2023.

i Calculated from MOVES for Olmsted County, MN
Assumption:

$$1 \text{ kWh} = 1.34 \text{ hp-hr}$$

Equipment	MOVES Lookup ID	Criteria Air Pollutant Emissions (ton / year)						GHG Emissions (metric ton/year)			
		CO	NO _x	SO ₂	VOC	PM ₁₀	PM _{2.5}	CO ₂	CH ₄	N ₂ O	CO ₂ e
Equipment											
ATV 4 TO 6 WHEEL, W/ DUMP	Off-Highway Trucks	1.30E-03	1.40E-03	5.27E-07	7.37E-05	1.57E-04	1.57E-04	1.70E+00	7.63E-05	1.45E-04	1.75E+00
BACKHOE W/ LOADER 4X4	Tractors/Loaders/Backhoes	6.82E-03	9.72E-03	3.66E-06	5.12E-04	5.46E-04	5.46E-04	1.97E+00	6.58E-05	1.68E-04	2.02E+00
BUCKET 105' WORK HEIGHT	Aerial Lifts	1.52E-01	2.73E-01	1.17E-04	1.44E-02	8.71E-03	8.71E-03	8.11E+01	3.46E-04	6.91E-03	8.32E+01
BUCKET 125' WORK HEIGHT 8X6	Aerial Lifts	5.93E-02	1.03E-01	4.54E-05	5.42E-03	3.39E-03	3.39E-03	2.70E+01	1.15E-04	2.30E-03	2.77E+01
BUCKET 77' WORK HEIGHT SWAMP TRK MTD	Aerial Lifts	4.35E-02	7.80E-02	3.33E-05	4.10E-03	2.49E-03	2.49E-03	2.32E+01	9.89E-05	1.97E-03	2.38E+01
TRUCK MTD 4 T ARTICULATING BOOM W/ FORKS & CLAM	Cranes	2.34E-02	4.06E-02	1.79E-05	2.14E-03	1.34E-03	1.34E-03	3.43E+00	6.01E-05	2.92E-04	3.52E+00
CRANE TRUCK 45 T HYDRAULIC 6 AXLE	Cranes	9.36E-01	1.63E+00	7.17E-04	8.56E-02	5.35E-02	5.35E-02	1.37E+02	2.40E-03	1.17E-02	1.41E+02
DIGGER DERRICK 15 T CAP	Cranes	4.58E-01	7.95E-01	3.50E-04	4.18E-02	2.61E-02	2.61E-02	9.15E+01	1.60E-03	7.80E-03	9.39E+01
DIGGER DERRICK 15 T CAP SWAMP TRACK MTD	Cranes	8.91E-02	1.60E-01	6.83E-05	8.40E-03	5.09E-03	5.09E-03	1.96E+01	3.44E-04	1.67E-03	2.01E+01
DOZER 10 THRU 12 T, W/ WINCH	Crawler Tractor/Dozers	1.63E-02	2.32E-02	8.74E-06	1.22E-03	1.30E-03	1.30E-03	2.51E+00	1.67E-04	2.14E-04	2.58E+00
DOZER 18 T W/ WINCH	Crawler Tractor/Dozers	2.71E-02	4.86E-02	2.08E-05	2.56E-03	1.55E-03	1.55E-03	6.33E+00	1.67E-04	5.39E-04	6.49E+00
CRAWLER CARRIER W/ 360 DUMP BOX OR DOZER 18 T W/ WINCH	Crawler Tractor/Dozers	1.75E-02	2.49E-02	9.37E-06	1.31E-03	1.40E-03	1.40E-03	2.69E+00	1.79E-04	2.29E-04	2.76E+00
EXCAVATOR 25 T	Excavators	2.50E-02	3.14E-02	1.34E-05	1.65E-03	1.50E-03	1.50E-03	3.05E+00	4.87E-05	2.60E-04	3.13E+00
FORKLIFT 11,000 THRU 12,000# TELESCOPIC BOOM	Forklifts	1.45E-01	1.81E-01	7.76E-05	9.55E-03	8.68E-03	8.68E-03	1.07E+01	2.58E-04	9.10E-04	1.10E+01
FRONT END LOADER 68,000# 4X4	Rubber Tire Loaders	3.67E-01	6.38E-01	2.81E-04	3.36E-02	2.10E-02	2.10E-02	6.02E+01	4.68E-04	5.13E-03	6.17E+01
GENERATOR 23KW THRU 60KW TRAILER MOUNTED TOW TYPE	Generator Sets	4.73E-02	6.13E-02	2.31E-05	3.23E-03	5.16E-03	5.16E-03	8.89E+00	2.86E-04	7.58E-04	9.12E+00
HYDRAULIC BULLWHEEL BUNDLE TENSIONER	Other Construction Equipment	6.99E-03	9.96E-03	3.75E-06	5.24E-04	5.59E-04	5.59E-04	1.32E+00	1.73E-05	1.13E-04	1.35E+00
PULLER ROPE TRAILER 4,000# CAP W/ SPLIT REEL TOW TYPE TANDEM AXLE	Other Construction Equipment	6.46E-03	9.21E-03	3.47E-06	4.85E-04	5.17E-04	5.17E-04	1.32E+00	1.73E-05	1.13E-04	1.35E+00
PULLER CABLE TRAILER 30,000# CAP TOW TYPE TANDEM AXLE	Other Construction Equipment	2.45E-02	4.25E-02	1.87E-05	2.24E-03	1.40E-03	1.40E-03	4.15E+00	1.73E-05	3.54E-04	4.26E+00
PULLER ROPE TRAILER 4 DRUM 3,500# CAP TOW TYPE TANDEM AXLE	Other Construction Equipment	1.00E-02	1.26E-02	5.39E-06	6.63E-04	6.03E-04	6.03E-04	1.32E+00	1.73E-05	1.13E-04	1.35E+00
300T AT Setting Crane	Cranes	1.29E-01	2.23E-01	9.85E-05	1.18E-02	7.35E-03	7.35E-03	2.47E+01	2.58E-04	2.11E-03	2.54E+01
60T RT Crane	Cranes	2.22E-01	3.85E-01	1.70E-04	2.03E-02	1.27E-02	1.27E-02	4.57E+01	8.02E-04	3.90E-03	4.69E+01
SKID STEER LOADER TRACK MTD 80 > 75 HP	Skid Steer Loaders	5.74E-02	8.19E-02	3.08E-05	4.31E-03	4.60E-03	4.60E-03	1.36E+01	4.77E-04	1.16E-03	1.39E+01
DUMP BOX TRUCK 2-1/2 T 6X6	Dumpers/Tenders	2.14E-02	3.71E-02	1.64E-05	1.95E-03	1.22E-03	1.22E-03	2.42E-01	2.64E-05	2.06E-05	2.49E-01
DUMP BOX TRUCK 1-1/4 & 1-1/2 T	Dumpers/Tenders	7.11E-02	1.24E-01	5.44E-05	6.50E-03	4.06E-03	4.06E-03	9.68E-01	1.05E-04	8.25E-05	9.96E-01
FLATBED (FRAMING) TRUCK 1-1/4 & 1-1/2 T	Dumpers/Tenders	2.13E-01	3.71E-01	1.63E-04	1.95E-02	1.22E-02	1.22E-02	2.91E+00	3.16E-04	2.48E-04	2.99E+00
PICKUP TRUCK 3/4 T	Off-highway Trucks	2.80E+00	4.86E+00	2.14E-03	2.56E-01	1.60E-01	1.60E-01	4.84E+02	9.97E-03	4.13E-02	4.97E+02
TRUCK TRACTOR 2-1/2 T 6X4 & S T 6X6	Off-highway Trucks	3.85E-01	6.69E-01	2.95E-04	3.52E-02	2.20E-02	2.20E-02	6.23E+01	1.28E-03	5.31E-03	6.39E+01

		CO	NO _x	SO ₂	VOC	PM ₁₀	PM _{2.5}	CO ₂	CH ₄	N ₂ O	CO ₂ e	
Fugitive Dust	Dust from On Site Activities	0	0	0	0	3.55E+01	3.86E+00	0	0	0	0	
		Criteria Air Pollutant Emissions (ton / year)						GHG Emissions (metric ton/year)				
Onroad	MOVES Vehicle Class	CO	NO _x	SO ₂	VOC	PM ₁₀	PM _{2.5}	CO ₂	CH ₄	N ₂ O	CO ₂ e	
	Resuspended Road Dust	0	0	0	0	2.27E-02	5.67E-03	0	0	0	0	
	Worker Commute (Gas Passenger Truck)	31	4.45E-01	2.74E-02	3.41E-04	3.73E-03	4.42E-04	3.91E-04	5.80E+01	1.10E-03	2.42E-04	5.81E+01
	Material Hauling (Single Unit Truck)	52	2.12E-04	2.89E-04	7.13E-07	1.38E-05	6.37E-06	5.86E-06	1.93E-01	1.74E-06	2.53E-05	2.00E-01

^a EPA Tier II Emissions

^b South Coast AQMD Off Road- Model Mobile Source Emission Factors (<https://www.aqmd.gov/home/rules-compliance/ceqa/air-quality-analysis-handbook/off-road-mobile-source-emission-factors>)

^c Load Factors from MOVES4

^d EPA 420-P-04-009, Exhaust and Crankcase Emission Factors for Nonroad Engine Modeling - Compression Ignition, USEPA, April 2004 - Tier 2 Engines.

^e Assumed breakdown of 5% for NMHC and 95% for NO_x emissions. NMHC used as VOC.

https://www.baaqmd.gov/~media/Files/Engineering/policy_and_procedures/Engines/EmissionFactorsforDieselEngines.aspx

^f Global Warming Potentials from 40 CFR 98 Table A-1

^g N₂O emissions estimated based on the ratio of g N₂O per gallon of construction diesel to gallons of diesel per g CO₂, obtained from Tables 2.7 and 2.1, respectively, of the 2022 Climate Registry Default Emission Factors. Retrieved from <https://theclimateregistry.org/wp-content/uploads/2022/11/2022-Default-Emission-Factors-Final.pdf> on April 7, 2023.

^h N₂O emissions estimated based on the ratio of g N₂O per gallon of construction gasoline to gallons of gasoline per g CO₂, obtained from Tables 2.7 and 2.1, respectively, of the 2022 Climate Registry Default Emission Factors. Retrieved from <https://theclimateregistry.org/wp-content/uploads/2022/11/2022-Default-Emission-Factors-Final.pdf> on April 7, 2023.

ⁱ Calculated from MOVES for Olmsted County, MN
Assumption:

1 kWh = 1.34 hp-hr

lb/metric ton

2204.62

CO	NO _x	SO ₂	VOC	PM ₁₀	PM _{2.5}	CO ₂	CH ₄	N ₂ O	CO ₂ e
6.36	10.92	0.00	0.57	0.37	0.37	1123.89	0.02	0.10	1152.93
0.00	0.00	0.00	0.00	35.53	3.86	0.00	0.00	0.00	0.00
0.45	0.03	0.00	0.00	0.02	0.01	58.15	0.00	0.00	58.25
6.80	10.95	0.01	0.58	35.92	4.23	1,182.04	0.02	0.10	1,211.19

Equipment

Fugitive Dust

Onroad

Total

Equipment	MOVES Lookup ID	SCAB Lookup ID	Fuel	HP	Typical Hours per day	Typical Days/Year	Count	Total Hours Used	Load Factor ^c
Equipment									
ATV 4 TO 6 WHEEL, W/ DUMP	Off-Highway Trucks	Off-Highway Trucks	Diesel	13.5	2	66	1	132	0.59
BACKHOE W/ LOADER 4X4	Tractors/Loaders/Backhoes	Tractors/Loaders/Backhoes	Diesel	94	2	96	2	384	0.21
BUCKET 105' WORK HEIGHT	Aerial Lifts	Aerial Lifts	Diesel	300	8	160	3	3840	0.21
BUCKET 125' WORK HEIGHT 8X6	Aerial Lifts	Aerial Lifts	Diesel	350	8	160	1	1280	0.21
BUCKET 77' WORK HEIGHT SWAMP TRK MTD	Aerial Lifts	Aerial Lifts	Diesel	300	8	66	2	1056	0.21
TRUCK MTD 4 T ARTICULATING BOOM W/ FORKS & CLAM	Cranes	Cranes	Diesel	450	2	96	1	192	0.43
CRANE TRUCK 45 T HYDRAULIC 6 AXLE	Cranes	Cranes	Diesel	450	8	160	6	7680	0.43
DIGGER DERRICK 15 T CAP	Cranes	Cranes	Diesel	330	8	160	4	5120	0.43
DIGGER DERRICK 15 T CAP SWAMP TRACK MTD	Cranes	Cranes	Diesel	300	8	66	2	1056	0.43
DOZER 18 THRU 12 T, W/ WINCH	Crawler Tractor/Dozers	Crawler Tractors	Diesel	80	4	96	1	384	0.59
DOZER 18 T W/ WINCH	Crawler Tractor/Dozers	Crawler Tractors	Diesel	190	4	96	1	384	0.59
CRAWLER CARRIER W/ 360 DUMP BOX OR DOZER 18 T W/ WINCH	Crawler Tractor/Dozers	Crawler Tractors	Diesel	80	6	66	1	396	0.59
EXCAVATOR 25 T	Excavators	Excavators	Diesel	172	4	66	1	264	0.59
FORKLIFT 11,000 THRU 12,000# TELESCOPIC BOOM	Forklifts	Forklifts	Diesel	142	4	160	3	1920	0.59
FRONT END LOADER 68,000# 4X4	Rubber Tire Loaders	Rubber Tired Loaders	Diesel	386	4	160	4	2560	0.59
GENERATOR 23KW THRU 60KW TRAILER MOUNTED TOW TYPE	Generator Sets	Generator Sets	Diesel	38	8	90	4	2880	0.43
HYDRAULIC BULLWHEEL BUNDLE TENSIONER	Other Construction Equipment	Other Construction Equipment	Diesel	80	2	81	1	162	0.59
PULLER ROPE TRAILER 4,000# CAP W/ SPLIT REEL TOW TYPE TANDEM AXLE	Other Construction Equipment	Other Construction Equipment	Diesel	74	2	81	1	162	0.59
PULLER CABLE TRAILER 30,000# CAP TOW TYPE TANDEM AXLE	Other Construction Equipment	Other Construction Equipment	Diesel	400	2	81	1	162	0.59
PULLER ROPE TRAILER 4 DRUM 3,500# CAP TOW TYPE TANDEM AXLE	Other Construction Equipment	Other Construction Equipment	Diesel	115	2	81	1	162	0.59
300T AT Setting Crane	Cranes	Cranes	Diesel	577	6	135	1	810	0.43
60T RT Crane	Cranes	Cranes	Diesel	320	4	160	4	2560	0.43
SKID STEER LOADER TRACK MTD 80 > 75 HP	Skid Steer Loaders	Skid Steer Loaders	Diesel	95	4	160	5	3200	0.21
DUMP BOX TRUCK 2-1/2 T 6X6	Dumpers/Tenders	Dumpers/Tenders Composite	Diesel	505	2	160	1	320	0.21
DUMP BOX TRUCK 1-1/4 & 1-1/2 T	Dumpers/Tenders	Dumpers/Tenders Composite	Diesel	420	4	160	2	1280	0.21
FLATBED (FRAMING) TRUCK 1-1/4 & 1-1/2 T	Dumpers/Tenders	Dumpers/Tenders Composite	Diesel	420	4	160	6	3840	0.21
PICKUP TRUCK 3/4 T	Off-highway Trucks	Off-highway Trucks	Diesel	420	8	160	14	17920	0.59
TRUCK TRACTOR 2-1/2 T 6X4 & 5 T 6X6	Off-highway Trucks	Off-highway Trucks	Diesel	450	4	96	6	2304	0.59

Fugitive Dust									
Dust from On Site Activities									
Onroad	MOVES Vehicle Class	Fuel Type	VMT	Onroad Fuel ID	Year	MOVES Road Type	MOVES Day Type		
Resuspended Road Dust									
Worker Commute (Gas Passenger Truck)	31	Gasoline	475,200	1	2027	3	5		
Material Hauling (Single Unit Truck)	52	Diesel	2,550	2	2027	3	5		

^a EPA Tier II Emissions

^b South Coast AQMD Off Road- Model Mobile Source Emission Factors (<https://www.aqmd.gov/home/rules-compliance/ceqa/air-quality-analysis-handbook/off-road-mobile-source-emission-factors>) Load factor equal to 1 for these emission factors.

^c Load Factors from MOVES4

^d EPA 420-P-04-009, Exhaust and Crankcase Emission Factors for Nonroad Engine Modeling - Compression Ignition, USEPA, April 2004 - Tier 2 Engines.

^e Assumed breakdown of 5% for NMHC and 95% for NO_x emissions. NMHC used as VOC.
https://www.baaqmd.gov/-/media/Files/Engineering/policy_and_procedures/Engines/EmissionFactorsforDieselEngines.ashx

^f Global Warming Potentials from 40 CFR 98 Table A-1

^g N₂O emissions estimated based on the ratio of g N₂O per gallon of construction diesel to gallons of diesel per g CO₂, obtained from Tables 2.7 and 2.1, respectively, of the 2022 Climate Registry Default Emission Factors. Retrieved from <https://theclimateregistry.org/wp-content/uploads/2022/11/2022-Default-Emission-Factors-Final.pdf> on April 7, 2023.

^h N₂O emissions estimated based on the ratio of g N₂O per gallon of construction gasoline to gallons of gasoline per g CO₂, obtained from Tables 2.7 and 2.1, respectively, of the 2022 Climate Registry Default Emission Factors. Retrieved from <https://theclimateregistry.org/wp-content/uploads/2022/11/2022-Default-Emission-Factors-Final.pdf> on April 7, 2023.

Assumption:
1 kWh = 1.34 hp-hr

Equipment	MOVES Lookup ID	Emission Factors (g/hp-hr) ^{a,b}						Emission Factors (g/hr) ^b			
		CO	NO _x ^c	SO ₂ ^d	VOC ^e	PM ₁₀	PM _{2.5}	CO ₂	CH ₄	N ₂ O ^{eA}	CO ₂ e ^f
Equipment											
ATV 4 TO 6 WHEEL, W/ DUMP	Off-Highway Trucks	4.9254	5.3172	0.0020	0.2799	0.5970	0.5970	56738.8018	2.5437	4.8347	58243.1486
BACKHOE W/ LOADER 4X4	Tractors/Loaders/Backhoes	3.7313	5.3172	0.0020	0.2799	0.2985	0.2985	23463.4126	0.7832	1.9993	24078.7938
BUCKET 105' WORK HEIGHT	Aerial Lifts	2.6119	4.6791	0.0020	0.2463	0.1493	0.1493	96549.7784	0.4122	8.2271	99011.7486
BUCKET 125' WORK HEIGHT 8X6	Aerial Lifts	2.6119	4.5373	0.0020	0.2388	0.1493	0.1493	96549.7784	0.4122	8.2271	99011.7486
BUCKET 77' WORK HEIGHT SWAMP TRK MTD	Aerial Lifts	2.6119	4.6791	0.0020	0.2463	0.1493	0.1493	96549.7784	0.4122	8.2271	99011.7486
TRUCK MTD 4 T ARTICULATING BOOM W/ FORKS & CLAM	Cranes	2.6119	4.5373	0.0020	0.2388	0.1493	0.1493	81692.4933	1.4314	6.9611	83802.6746
CRANE TRUCK 45 T HYDRAULIC 6 AXLE	Cranes	2.6119	4.5373	0.0020	0.2388	0.1493	0.1493	81692.4933	1.4314	6.9611	83802.6746
DIGGER DERRICK 15 T CAP	Cranes	2.6119	4.5373	0.0020	0.2388	0.1493	0.1493	81692.4933	1.4314	6.9611	83802.6746
DIGGER DERRICK 15 T CAP SWAMP TRACK MTD	Cranes	2.6119	4.6791	0.0020	0.2463	0.1493	0.1493	81692.4933	1.4314	6.9611	83802.6746
DOZER 10 THRU 12 T, W/ WINCH	Crawler Tractor/Dozers	3.7313	5.3172	0.0020	0.2799	0.2985	0.2985	29851.1565	1.9934	2.5436	30658.9938
DOZER 18 T W/ WINCH	Crawler Tractor/Dozers	2.6119	4.6791	0.0020	0.2463	0.1493	0.1493	75355.9475	1.9934	6.4211	77319.2766
CRAWLER CARRIER W/ 360 DUMP BOX OR DOZER 18 T W/ WINCH	Crawler Tractor/Dozers	3.7313	5.3172	0.0020	0.2799	0.2985	0.2985	29851.1565	1.9934	2.5436	30658.9938
EXCAVATOR 25 T	Excavators	3.7313	4.6791	0.0020	0.2463	0.2239	0.2239	50902.8167	0.8117	4.3375	52215.6719
FORKLIFT 11,000 THRU 12,000# TELESCOPIC BOOM	Forklifts	3.7313	4.6791	0.0020	0.2463	0.2239	0.2239	25425.8129	0.6148	2.1665	26086.8142
FRONT END LOADER 68,000# 4X4	Rubber Tire Loaders	2.6119	4.5373	0.0020	0.2388	0.1493	0.1493	107505.0812	0.8359	9.1606	110255.8274
GENERATOR 23KW THRU 60KW TRAILER MOUNTED TOW TYPE	Generator Sets	4.1045	5.3172	0.0020	0.2799	0.4478	0.4478	13890.3485	0.4472	1.1836	14254.2436
HYDRAULIC BULLWHEEL BUNDLE TENSIONER	Other Construction Equipment	3.7313	5.3172	0.0020	0.2799	0.2985	0.2985	36676.8768	0.4815	3.1253	37620.2418
PULLER ROPE TRAILER 4,000# CAP W/ SPLIT REEL TOW TYPE TANDEM AXLE	Other Construction Equipment	3.7313	5.3172	0.0020	0.2799	0.2985	0.2985	36676.8768	0.4815	3.1253	37620.2418
PULLER CABLE TRAILER 30,000# CAP TOW TYPE TANDEM AXLE	Other Construction Equipment	2.6119	4.5373	0.0020	0.2388	0.1493	0.1493	115320.5588	0.4815	9.8265	118260.9032
PULLER ROPE TRAILER 4 DRUM 3,500# CAP TOW TYPE TANDEM AXLE	Other Construction Equipment	3.7313	4.6791	0.0020	0.2463	0.2239	0.2239	36676.8768	0.4815	3.1253	37620.2418
300T AT Setting Crane	Cranes	2.6119	4.5373	0.0020	0.2388	0.1493	0.1493	137458.6383	1.4314	11.7129	140984.8755
60T RT Crane	Cranes	2.6119	4.5373	0.0020	0.2388	0.1493	0.1493	81692.4933	1.4314	6.9611	83802.6746
SKID STEER LOADER TRUCK MTD 80 > 75 HP	Skid Steer Loaders	3.7313	5.3172	0.0020	0.2799	0.2985	0.2985	19396.4227	0.6820	1.6528	19906.0015
DUMP BOX TRUCK 2-1/2 T 6X6	Dumpers/Tenders	2.6119	4.5373	0.0020	0.2388	0.1493	0.1493	3458.3652	0.3764	0.2947	3555.5937
DUMP BOX TRUCK 1-1/4 & 1-1/2 T	Dumpers/Tenders	2.6119	4.5373	0.0020	0.2388	0.1493	0.1493	3458.3652	0.3764	0.2947	3555.5937
FLATBED (FRAMING) TRUCK 1-1/4 & 1-1/2 T	Dumpers/Tenders	2.6119	4.5373	0.0020	0.2388	0.1493	0.1493	3458.3652	0.3764	0.2947	3555.5937
PICKUP TRUCK 3/4 T	Off-highway Trucks	2.6119	4.5373	0.0020	0.2388	0.1493	0.1493	123528.4545	2.5437	10.5259	126728.7743
TRUCK TRACTOR 2-1/2 T 6X4 & 5 T 6X6	Off-highway Trucks	2.6119	4.5373	0.0020	0.2388	0.1493	0.1493	123528.4545	2.5437	10.5259	126728.7743

<i>Fugitive Dust</i>													
Dust from On Site Activities													
		Emission Factors (g/mi) ¹											
<i>Onroad</i>	MOVES Vehicle Class	CO	NO _x	SO ₂	VOC	PM ₁₀	PM _{2.5}	CO ₂	CH ₄	N ₂ O	CO ₂ e ^d		
Resuspended Road Dust													
Worker Commute (Gas Passenger Truck)	31	2.25115	0.12802	0.00179	0.01649	0.00230	0.00204	334.88320	0.00581	0.00135	335.4307235		
Material Hauling (Single Unit Truck)	52	0.74725	0.93444	0.00254	0.04249	0.01964	0.01807	755.51917	0.00660	0.10181	786.0235955		

³ EPA Tier II Emissions

^b South Coast AQMD Off Road- Model Mobile Source Emission Factors (<https://www.aqmd.gov/home/rules-compliance/ceqa/air-quality-analysis-handbook/off-road-mobile-source-emission-factors>) Load factor equal to 1 for these emission factors.

^c Load Factors from MOVES4

^d EPA 420-P-04-009, Exhaust and Crankcase Emission Factors for Nonroad Engine Modeling - Compression Ignition, USEPA, April 2004 - Tier 2 Engines.

^e Assumed breakdown of 5% for NMHC and 95% for NO_x emissions. NMHC used as VOC.

https://www.baagmd.gov/~media/Files/Engineering/policy_and_procedures/Engines/EmissionFactorsforDieselEngines.ashx

^f Global Warming Potentials from 40 CFR 98 Table A-1

^a N₂O emissions estimated based on the ratio of g N₂O per gallon of construction diesel to gallons of diesel per g CO₂, obtained from Tables 2.7 and 2.1, respectively, of the 2022 Climate Registry Default Emission Factors. Retrieved from <https://thelimiteregistry.org/wp-content/uploads/2022/11/2022-Default-Emission-Factors-Final.pdf> on April 7, 2023.

^k N2O emissions estimated based on the ratio of g N₂O per gallon of construction gasoline to gallons of gasoline per g CO₂, obtained from Tables 2.7 and 2.1, respectively, of the 2022 Climate Registry Default Emission Factors. Retrieved from <https://theclimateregistry.org/wp-content/uploads/2022/11/2022-Default-Emission-Factors-Final.pdf> on April 7, 2023.

Assumption:
1 kWh = 1.34 hp-hr

		Criteria Air Pollutant Emissions (ton / year)							GHG Emissions (metric ton/year)			
Equipment	MOVES Lookup ID	CO	NO _x	SO ₂	VOC	PM ₁₀	PM _{2.5}	CO ₂	CH ₄	N ₂ O	CO ₂ e	
Equipment												
ATV 4 TO 6 WHEEL, W/ DUMP	Off-Highway Trucks	5.71E-03	6.16E-03	2.32E-06	3.24E-04	6.92E-04	6.92E-04	7.49E+00	3.36E-04	6.38E-04	7.69E+00	
BACKHOE W/ LOADER 4X4	Tractors/Loaders/Backhoes	3.12E-02	4.44E-02	1.67E-05	2.34E-03	2.49E-03	2.49E-03	9.01E+00	3.01E-04	7.68E-04	9.25E+00	
BUCKET 105' WORK HEIGHT	Aerial Lifts	6.97E-01	1.25E+00	5.33E-04	6.57E-02	3.98E-02	3.98E-02	3.71E+02	1.58E-03	3.16E-02	3.80E+02	
BUCKET 125' WORK HEIGHT 8X6	Aerial Lifts	2.71E-01	4.71E-01	2.07E-04	2.48E-02	1.55E-02	1.55E-02	1.24E+02	5.28E-04	1.05E-02	1.27E+02	
BUCKET 77' WORK HEIGHT SWAMP TRK MTD	Aerial Lifts	1.92E-01	3.43E-01	1.47E-04	1.81E-02	1.09E-02	1.09E-02	1.02E+02	4.35E-04	8.69E-03	1.05E+02	
TRUCK MTD 4 T ARTICULATING BOOM W/ FORKS & CLAM	Cranes	1.07E-01	1.86E-01	8.19E-05	9.78E-03	6.11E-03	6.11E-03	1.57E+01	2.75E-04	1.34E-03	1.61E+01	
CRANE TRUCK 45 T HYDRAULIC 6 AXLE	Cranes	4.28E+00	7.43E+00	3.28E-03	3.91E-01	2.44E-01	2.44E-01	6.27E+02	1.10E-02	5.35E-02	6.44E+02	
DIGGER DERRICK 15 T CAP	Cranes	2.09E+00	3.63E+00	1.60E-03	1.91E-01	1.20E-01	1.20E-01	4.18E+02	7.33E-03	3.56E-02	4.29E+02	
DIGGER DERRICK 15 T CAP SWAMP TRACK MTD	Cranes	3.92E-01	7.03E-01	3.00E-04	3.70E-02	2.24E-02	2.24E-02	8.63E+01	1.51E-03	7.35E-03	8.85E+01	
DOZER 10 THRU 12 T, W/ WINCH	Crawler Tractor/Dozers	7.45E-02	1.06E-01	4.00E-05	5.59E-03	5.96E-03	5.96E-03	1.15E+01	7.65E-04	9.77E-04	1.18E+01	
DOZER 18 T W/ WINCH	Crawler Tractor/Dozers	1.24E-01	2.22E-01	9.49E-05	1.17E-02	7.08E-03	7.08E-03	2.89E+01	7.65E-04	2.47E-03	2.97E+01	
CRAWLER CARRIER W/ 360 DUMP BOX OR DOZER 18 T W/ WINCH	Crawler Tractor/Dozers	7.69E-02	1.10E-01	4.12E-05	5.77E-03	6.15E-03	6.15E-03	1.18E+01	7.89E-04	1.01E-03	1.21E+01	
EXCAVATOR 25 T	Excavators	1.10E-01	1.38E-01	5.91E-05	7.27E-03	6.61E-03	6.61E-03	1.34E+01	2.14E-04	1.15E-03	1.38E+01	
FORKLIFT 11,000 THRU 12,000# TELESCOPIC BOOM	Forklifts	6.62E-01	8.30E-01	3.55E-04	4.37E-02	3.97E-02	3.97E-02	4.88E+01	1.18E-03	4.16E-03	5.01E+01	
FRONT END LOADER 68,000# 4X4	Rubber Tire Loaders	1.68E+00	2.92E+00	1.29E-03	1.53E-01	9.59E-02	9.59E-02	2.75E+02	2.14E-03	2.35E-02	2.82E+02	
GENERATOR 23KW THRU 60KW TRAILER MOUNTED TOW TYPE	Generator Sets	2.13E-01	2.76E-01	1.04E-04	1.45E-02	2.32E-02	2.32E-02	4.00E+01	1.29E-03	3.41E-03	4.11E+01	
HYDRAULIC BULLWHEEL BUNDLE TENSIONER	Other Construction Equipment	3.15E-02	4.48E-02	1.69E-05	2.36E-03	2.52E-03	2.52E-03	5.94E+00	7.80E-05	5.06E-04	6.09E+00	
PULLER ROPE TRAILER 4,000# CAP W/ SPLIT REEL TOW TYPE TANDEM AXLE	Other Construction Equipment	2.91E-02	4.15E-02	1.56E-05	2.18E-03	2.33E-03	2.33E-03	5.94E+00	7.80E-05	5.06E-04	6.09E+00	
PULLER CABLE TRAILER 30,000# CAP TOW TYPE TANDEM AXLE	Other Construction Equipment	1.10E-01	1.91E-01	8.43E-05	1.01E-02	6.29E-03	6.29E-03	1.87E+01	7.80E-05	1.59E-03	1.92E+01	
PULLER ROPE TRAILER 4 DRUM 3,500# CAP TOW TYPE TANDEM AXLE	Other Construction Equipment	4.52E-02	5.67E-02	2.42E-05	2.98E-03	2.71E-03	2.71E-03	5.94E+00	7.80E-05	5.06E-04	6.09E+00	
300T AT Setting Crane	Cranes	5.79E-01	1.01E+00	4.43E-04	5.29E-02	3.31E-02	3.31E-02	1.11E+02	1.16E-03	9.49E-03	1.14E+02	
60T RT Crane	Cranes	1.01E+00	1.76E+00	7.77E-04	9.27E-02	5.80E-02	5.80E-02	2.09E+02	3.66E-03	1.78E-02	2.15E+02	
SKID STEER TRUCK TRACK MTD 80 > 75 HP	Skid Steer Loaders	2.63E-01	3.74E-01	1.41E-04	1.97E-02	2.10E-02	2.10E-02	6.21E+01	2.18E-03	5.29E-03	6.37E+01	
DUMP BOX TRUCK 2-1/2 T 6X6	Dumpers/Tenders	9.77E-02	1.70E-01	7.48E-05	8.93E-03	5.58E-03	5.58E-03	1.11E+00	1.20E-04	9.43E-05	1.14E+00	
DUMP BOX TRUCK 1-1/4 & 1-1/2 T	Dumpers/Tenders	3.25E-01	5.65E-01	2.49E-04	2.97E-02	1.86E-02	1.86E-02	4.43E+00	4.82E-04	3.77E-04	4.55E+00	
FLATBED (FRAMING) TRUCK 1-1/4 & 1-1/2 T	Dumpers/Tenders	9.75E-01	1.69E+00	7.47E-04	8.92E-02	5.57E-02	5.57E-02	1.33E+01	1.45E-03	1.13E-03	1.37E+01	
PICKUP TRUCK 3/4 T	Off-highway Trucks	1.28E+01	2.22E+01	9.79E-03	1.17E+00	7.31E-01	7.31E-01	2.21E+03	4.56E-02	1.89E-01	2.27E+03	
TRUCK TRACTOR 2-1/2 T 6X4 & 5 T 6X6	Off-highway Trucks	1.76E+00	3.06E+00	1.35E-03	1.61E-01	1.01E-01	1.01E-01	2.85E+02	5.86E-03	2.43E-02	2.92E+02	

Fugitive Dust		CO	NO _x	SO ₂	VOC	PM ₁₀	PM _{2.5}	CO ₂	CH ₄	N ₂ O	CO ₂ e
Dust from On Site Activities		0	0	0	0	1.41E+02	1.44E+01	0	0	0	0
		Criteria Air Pollutant Emissions (ton / year)						GHG Emissions (metric ton/year)			
Onroad	MOVES Vehicle Class	CO	NO _x	SO ₂	VOC	PM ₁₀	PM _{2.5}	CO ₂	CH ₄	N ₂ O	CO ₂ e
Resuspended Road Dust		0	0	0	0	6.44E-02	1.61E-02	0	0	0	0
Worker Commute (Gas Passenger Truck)	31	1.18E+00	6.71E-02	9.37E-04	8.64E-03	1.21E-03	1.07E-03	1.59E+02	2.76E-03	6.41E-04	1.59E+02
Material Hauling (Single Unit Truck)	52	2.10E+03	2.63E-03	7.13E-06	1.19E-04	5.52E-05	5.08E-05	1.93E+00	1.68E-05	2.60E-04	2.00E+00

^a EPA Tier II Emissions

^b South Coast AQMD Off Road- Model Mobile Source Emission Factors (<https://www.aqmd.gov/home/rules-compliance/ceqa/air-quality-analysis/handbook/off-road-mobile-source-emission-factors>) Load factor equal to 1 for these emission factors.

^c Load Factors from MOVES4

^d EPA 420-P-04-009, Exhaust and Crankcase Emission Factors for Nonroad Engine Modeling - Compression Ignition, USEPA, April 2004 - Tier 2 Engines.

^e Assumed breakdown of 5% for NMHC and 95% for NO_x emissions. NMHC used as VOC.

https://www.baagmd.gov/~media/Files/Engineering/policy_and_procedures/Engines/EmissionFactorsforDieselEngines.ashx

^f Global Warming Potentials from 40 CFR 98 Table A-1

^a N₂O emissions estimated based on the ratio of g N₂O per gallon of construction diesel to gallons of diesel per g CO₂, obtained from Tables 2.7 and 2.1, respectively, of the 2022 Climate Registry Default Emission Factors. Retrieved from <https://theclimateregistry.org/wp-content/uploads/2022/11/2022-Default-Emission-Factors-Final.pdf> on April 7, 2023.

^k N2O emissions estimated based on the ratio of g N₂O per gallon of construction gasoline to gallons of gasoline per g CO₂, obtained from Tables 2.7 and 2.1, respectively, of the 2022 Climate Registry Default Emission Factors. Retrieved from <https://theclimateregistry.org/wp-content/uploads/2022/11/2022-Default-Emission-Factors-Final.pdf> on April 7, 2023.

CO	NO _x	SO ₂	VOC	PM ₁₀	PM _{2.5}	CO ₂	CH ₄	N ₂ O	CO ₂ e	
29.02	49.84	0.02	2.62	1.68	1.68	5126.21	0.09	0.44	5258.66	Equipment
0.00	0.00	0.00	0.00	140.77	14.38	0.00	0.00	0.00	0.00	Fugitive Dust
1.18	0.07	0.00	0.01	0.07	0.02	161.06	0.00	0.00	161.40	Onroad
30.20	49.91	0.02	2.63	142.52	16.08	5,287.28	0.09	0.44	5,420.06	Total

Assumption:
1 kWh = 1.34 hp-hr

Equipment	MOVES Lookup ID	SCAB Lookup ID	Fuel	HP	Typical Hours per day	Typical Days/Year	Count	Total Hours Used	Load Factor ^c
Equipment									
ATV 4 TO 6 WHEEL, W/ DUMP	Off-Highway Trucks	Off-Highway Trucks	Diesel	13.5	2	69	1	138	0.59
BACKHOE W/ LOADER 4X4	Tractors/Loaders/Backhoes	Tractors/Loaders/Backhoes	Diesel	94	2	99	2	396	0.21
BUCKET 105' WORK HEIGHT	Aerial Lifts	Aerial Lifts	Diesel	300	8	165	3	3960	0.21
BUCKET 125' WORK HEIGHT 8X6	Aerial Lifts	Aerial Lifts	Diesel	350	8	165	1	1320	0.21
BUCKET 77' WORK HEIGHT SWAMP TRK MTD	Aerial Lifts	Aerial Lifts	Diesel	300	8	69	2	1104	0.21
TRUCK MTD 4 T ARTICULATING BOOM W/ FORKS & CLAM	Cranes	Cranes	Diesel	450	2	99	1	198	0.43
CRANE TRUCK 45 T HYDRAULIC 6 AXLE	Cranes	Cranes	Diesel	450	8	165	6	7920	0.43
DIGGER DERRICK 15 T CAP	Cranes	Cranes	Diesel	330	8	165	4	5280	0.43
DIGGER DERRICK 15 T CAP SWAMP TRACK MTD	Cranes	Cranes	Diesel	300	8	69	2	1104	0.43
DOZER 18 THRU 12 T, W/ WINCH	Crawler Tractor/Dozers	Crawler Tractors	Diesel	80	4	99	1	396	0.59
DOZER 18 T W/ WINCH	Crawler Tractor/Dozers	Crawler Tractors	Diesel	190	4	99	1	396	0.59
CRAWLER CARRIER W/ 360 DUMP BOX OR DOZER 18 T W/ WINCH	Crawler Tractor/Dozers	Crawler Tractors	Diesel	80	6	69	1	414	0.59
EXCAVATOR 25 T	Excavators	Excavators	Diesel	172	4	69	1	276	0.59
FORKLIFT 11,000 THRU 12,000# TELESCOPIC BOOM	Forklifts	Forklifts	Diesel	142	4	165	3	1980	0.59
FRONT END LOADER 68,000# 4X4	Rubber Tire Loaders	Rubber Tired Loaders	Diesel	386	4	165	4	2640	0.59
GENERATOR 23KW THRU 60KW TRAILER MOUNTED TOW TYPE	Generator Sets	Generator Sets	Diesel	38	8	90	4	2880	0.43
HYDRAULIC BULLWHEEL BUNDLE TENSIONER	Other Construction Equipment	Other Construction Equipment	Diesel	80	2	81	1	162	0.59
PULLER ROPE TRAILER 4,000# CAP W/ SPLIT REEL TOW TYPE TANDEM AXLE	Other Construction Equipment	Other Construction Equipment	Diesel	74	2	81	1	162	0.59
PULLER CABLE TRAILER 30,000# CAP TOW TYPE TANDEM AXLE	Other Construction Equipment	Other Construction Equipment	Diesel	400	2	81	1	162	0.59
PULLER ROPE TRAILER 4 DRUM 3,500# CAP TOW TYPE TANDEM AXLE	Other Construction Equipment	Other Construction Equipment	Diesel	115	2	81	1	162	0.59
300T AT Setting Crane	Cranes	Cranes	Diesel	577	6	135	1	810	0.43
60T RT Crane	Cranes	Cranes	Diesel	320	4	165	4	2640	0.43
SKID STEER LOADER TRACK MTD 80 > 75 HP	Skid Steer Loaders	Skid Steer Loaders	Diesel	95	4	165	5	3300	0.21
DUMP BOX TRUCK 2-1/2 T 6X6	Dumpers/Tenders	Dumpers/Tenders Composite	Diesel	505	2	165	1	330	0.21
DUMP BOX TRUCK 1-1/4 & 1-1/2 T	Dumpers/Tenders	Dumpers/Tenders Composite	Diesel	420	4	165	2	1320	0.21
FLATBED (FRAMING) TRUCK 1-1/4 & 1-1/2 T	Dumpers/Tenders	Dumpers/Tenders Composite	Diesel	420	4	165	6	3960	0.21
PICKUP TRUCK 3/4 T	Off-highway Trucks	Off-highway Trucks	Diesel	420	8	165	14	18480	0.59
TRUCK TRACTOR 2-1/2 T 6X4 & 5 T 6X6	Off-highway Trucks	Off-highway Trucks	Diesel	450	4	99	6	2376	0.59

Fugitive Dust									
Dust from On Site Activities									
Onroad	MOVES Vehicle Class		Fuel Type	VMT	Onroad Fuel ID	Year	MOVES Road Type	MOVES Day Type	
Resuspended Road Dust									
Worker Commute (Gas Passenger Truck)	31		Gasoline	668,250	1	2028	3	5	
Material Hauling (Single Unit Truck)	52		Diesel	3,650	2	2028	3	5	

^a EPA Tier II Emissions

^b South Coast AQMD Off Road- Model Mobile Source Emission Factors (<https://www.aqmd.gov/home/rules-compliance/ceqa/air-quality-analysis-handbook/off-road-mobile-source-emission-factors>) Load factor equal to 1 for these emission factors.

^c Load Factors from MOVES4

^d EPA 420-P-04-009, Exhaust and Crankcase Emission Factors for Nonroad Engine Modeling - Compression Ignition, USEPA, April 2004 - Tier 2 Engines.

^e Assumed breakdown of 5% for NMHC and 95% for NO_x emissions. NMHC used as VOC.
https://www.baaqmd.gov/-/media/Files/Engineering/policy_and_procedures/Engines/EmissionFactorsforDieselEngines.ashx

^f Global Warming Potentials from 40 CFR 98 Table A-1

^g N₂O emissions estimated based on the ratio of g N₂O per gallon of construction diesel to gallons of diesel per g CO₂, obtained from Tables 2.7 and 2.1, respectively, of the 2022 Climate Registry Default Emission Factors. Retrieved from <https://theclimaterestory.org/wp-content/uploads/2022/11/2022-Default-Emission-Factors-Final.pdf> on April 7, 2023.

^h N₂O emissions estimated based on the ratio of g N₂O per gallon of construction gasoline to gallons of gasoline per g CO₂, obtained from Tables 2.7 and 2.1, respectively, of the 2022 Climate Registry Default Emission Factors. Retrieved from <https://theclimaterestory.org/wp-content/uploads/2022/11/2022-Default-Emission-Factors-Final.pdf> on April 7, 2023.

Assumption:
1 kWh = 1.34 hp-hr

Equipment	MOVES Lookup ID	Emission Factors (g/hp-hr) ^{a,b}						Emission Factors (g/hr) ^b			
		CO	NO _x ^e	SO ₂ ^d	VOC ^e	PM ₁₀	PM _{2.5}	CO ₂	CH ₄	N ₂ O ^{e,h}	CO ₂ e ^f
Equipment											
ATV 4 TO 6 WHEEL, W/ DUMP	Off-Highway Trucks	4.9254	5.3172	0.0020	0.2799	0.5970	0.5970	56738.8018	2.5437	4.8347	58243.1486
BACKHOE W/ LOADER 4X4	Tractors/Loaders/Backhoes	3.7313	5.3172	0.0020	0.2799	0.2985	0.2985	23463.4126	0.7832	1.9993	24078.7938
BUCKET 105' WORK HEIGHT	Aerial Lifts	2.6119	4.6791	0.0020	0.2463	0.1493	0.1493	96549.7784	0.4122	8.2271	99011.7486
BUCKET 125' WORK HEIGHT 8X6	Aerial Lifts	2.6119	4.5373	0.0020	0.2388	0.1493	0.1493	96549.7784	0.4122	8.2271	99011.7486
BUCKET 77' WORK HEIGHT SWAMP TRK MTD	Aerial Lifts	2.6119	4.6791	0.0020	0.2463	0.1493	0.1493	96549.7784	0.4122	8.2271	99011.7486
TRUCK MTD 4 T ARTICULATING BOOM W/ FORKS & CLAM	Cranes	2.6119	4.5373	0.0020	0.2388	0.1493	0.1493	81692.4933	1.4314	6.9611	83802.6746
CRANE TRUCK 45 T HYDRAULIC 6 AXLE	Cranes	2.6119	4.5373	0.0020	0.2388	0.1493	0.1493	81692.4933	1.4314	6.9611	83802.6746
DIGGER DERRICK 15 T CAP	Cranes	2.6119	4.5373	0.0020	0.2388	0.1493	0.1493	81692.4933	1.4314	6.9611	83802.6746
DIGGER DERRICK 15 T CAP SWAMP TRACK MTD	Cranes	2.6119	4.6791	0.0020	0.2463	0.1493	0.1493	81692.4933	1.4314	6.9611	83802.6746
DOZER 10 THRU 12 T, W/ WINCH	Crawler Tractor/Dozers	3.7313	5.3172	0.0020	0.2799	0.2985	0.2985	29851.1565	1.9934	2.5436	30658.9938
DOZER 18 T W/ WINCH	Crawler Tractor/Dozers	2.6119	4.6791	0.0020	0.2463	0.1493	0.1493	75355.9475	1.9934	6.4211	77319.2766
CRAWLER CARRIER W/ 360 DUMP BOX OR DOZER 18 T W/ WINCH	Crawler Tractor/Dozers	3.7313	5.3172	0.0020	0.2799	0.2985	0.2985	29851.1565	1.9934	2.5436	30658.9938
EXCAVATOR 25 T	Excavators	3.7313	4.6791	0.0020	0.2463	0.2239	0.2239	50902.8167	0.8117	4.3375	52215.6719
FORKLIFT 11,000 THRU 12,000# TELESCOPIC BOOM	Forklifts	3.7313	4.6791	0.0020	0.2463	0.2239	0.2239	25425.8129	0.6148	2.1665	26086.8142
FRONT END LOADER 68,000# 4X4	Rubber Tire Loaders	2.6119	4.5373	0.0020	0.2388	0.1493	0.1493	107505.0812	0.8359	9.1606	110255.8274
GENERATOR 23KW THRU 60KW TRAILER MOUNTED TOW TYPE	Generator Sets	4.1045	5.3172	0.0020	0.2799	0.4478	0.4478	13890.3485	0.4472	1.1836	14254.2436
HYDRAULIC BULLWHEEL BUNDLE TENSIONER	Other Construction Equipment	3.7313	5.3172	0.0020	0.2799	0.2985	0.2985	36676.8768	0.4815	3.1253	37620.2418
PULLER ROPE TRAILER 4,000# CAP W/ SPLIT REEL TOW TYPE TANDEM AXLE	Other Construction Equipment	3.7313	5.3172	0.0020	0.2799	0.2985	0.2985	36676.8768	0.4815	3.1253	37620.2418
PULLER CABLE TRAILER 30,000# CAP TOW TYPE TANDEM AXLE	Other Construction Equipment	2.6119	4.5373	0.0020	0.2388	0.1493	0.1493	115320.5588	0.4815	9.8265	118260.9032
PULLER ROPE TRAILER 4 DRUM 3,500# CAP TOW TYPE TANDEM AXLE	Other Construction Equipment	3.7313	4.6791	0.0020	0.2463	0.2239	0.2239	36676.8768	0.4815	3.1253	37620.2418
300T AT Setting Crane	Cranes	2.6119	4.5373	0.0020	0.2388	0.1493	0.1493	137458.6383	1.4314	11.7129	140984.8755
60T RT Crane	Cranes	2.6119	4.5373	0.0020	0.2388	0.1493	0.1493	81692.4933	1.4314	6.9611	83802.6746
SKID STEER LOADER TRUCK MTD 80 > 75 HP	Skid Steer Loaders	3.7313	5.3172	0.0020	0.2799	0.2985	0.2985	19396.4227	0.6820	1.6528	19906.0015
DUMP BOX TRUCK 2-1/2 T 6X6	Dumpers/Tenders	2.6119	4.5373	0.0020	0.2388	0.1493	0.1493	3458.3652	0.3764	0.2947	3555.5937
DUMP BOX TRUCK 1-1/4 & 1-1/2 T	Dumpers/Tenders	2.6119	4.5373	0.0020	0.2388	0.1493	0.1493	3458.3652	0.3764	0.2947	3555.5937
FLATBED (FRAMING) TRUCK 1-1/4 & 1-1/2 T	Dumpers/Tenders	2.6119	4.5373	0.0020	0.2388	0.1493	0.1493	3458.3652	0.3764	0.2947	3555.5937
PICKUP TRUCK 3/4 T	Off-highway Trucks	2.6119	4.5373	0.0020	0.2388	0.1493	0.1493	123528.4545	2.5437	10.5259	126728.7743
TRUCK TRACTOR 2-1/2 T 6X4 & 5 T 6X6	Off-highway Trucks	2.6119	4.5373	0.0020	0.2388	0.1493	0.1493	123528.4545	2.5437	10.5259	126728.7743

<i>Fugitive Dust</i>												
Dust from On Site Activities												
		Emission Factors (g/mi) ⁱ										
<i>Onroad</i>	MOVES Vehicle Class	CO	NO _x	SO ₂	VOC	PM ₁₀	PM _{2.5}	CO ₂	CH ₄	N ₂ O	CO ₂ e ^f	
Resuspended Road Dust												
Worker Commute (Gas Passenger Truck)	31	2.11264	0.11115	0.00177	0.01440	0.00215	0.00190	330.40116	0.00542	0.00127	330.9135593	
Material Hauling (Single Unit Truck)	52	0.72884	0.84225	0.00249	0.03655	0.01548	0.01425	742.72918	0.00630	0.10234	773.3824351	

^a EPA Tier II Emissions

^b South Coast AQMD Off Road- Model Mobile Source Emission Factors (<https://www.aqmd.gov/home/rules-compliance/ceqa/air-quality-analysis-handbook/off-road-mobile-source-emission-factors>) Load factor equal to 1 for these emission factors.

^c Load Factors from MOVES4

^d EPA 420-P-04-009, Exhaust and Crankcase Emission Factors for Nonroad Engine Modeling - Compression Ignition, USEPA, April 2004 - Tier 2 Engines.

^e Assumed breakdown of 5% for NMHC and 95% for NO_x emissions. NMHC used as VOC.

https://www.baaqmd.gov/~media/Files/Engineering/policy_and_procedures/Engines/EmissionFactorsforDieselEngines.ashx

^f Global Warming Potentials from 40 CFR 98 Table A-1

^a N₂O emissions estimated based on the ratio of g N₂O per gallon of construction diesel to gallons of diesel per g CO₂, obtained from Tables 2.7 and 2.1, respectively, of the 2022 Climate Registry Default Emission Factors. Retrieved from <https://theclimateregistry.org/wp-content/uploads/2022/11/2022-Default-Emission-Factors-Final.pdf> on April 7, 2023.

^h N2O emissions estimated based on the ratio of g N₂O per gallon of construction gasoline to gallons of gasoline per g CO₂, obtained from Tables 2.7 and 2.1, respectively, of the 2022 Climate Registry Default Emission Factors. Retrieved from <https://theclimateregistry.org/wp-content/uploads/2022/11/2022-Default-Emission-Factors-Final.pdf> on April 7, 2023.

Assumption:
1 kWh = 1.34 hp-hr

Equipment	MOVES Lookup ID	Criteria Air Pollutant Emissions (ton / year)						GHG Emissions (metric ton/year)			
		CO	NO _x	SO ₂	VOC	PM ₁₀	PM _{2.5}	CO ₂	CH ₄	N ₂ O	CO ₂ e
Equipment											
ATV 4 TO 6 WHEEL, W/ DUMP	Off-Highway Trucks	5.97E-03	6.44E-03	2.42E-06	3.39E-04	7.23E-04	7.23E-04	7.83E+00	3.51E-04	6.67E-04	8.04E+00
BACKHOE W/ LOADER 4X4	Tractors/Loaders/Backhoes	3.22E-02	4.58E-02	1.72E-05	2.41E-03	2.57E-03	2.57E-03	9.29E+00	3.10E-04	7.92E-04	9.54E+00
BUCKET 105' WORK HEIGHT	Aerial Lifts	7.18E-01	1.29E+00	5.50E-04	6.77E-02	4.10E-02	4.10E-02	3.82E+02	1.63E-03	3.26E-02	3.92E+02
BUCKET 125' WORK HEIGHT 8X6	Aerial Lifts	2.79E-01	4.85E-01	2.14E-04	2.55E-02	1.60E-02	1.60E-02	1.27E+02	5.44E-04	1.09E-02	1.31E+02
BUCKET 77' WORK HEIGHT SWAMP TRK MTD	Aerial Lifts	2.00E-01	3.59E-01	1.53E-04	1.89E-02	1.14E-02	1.14E-02	1.07E+02	4.55E-04	9.08E-03	1.09E+02
TRUCK MTD 4 T ARTICULATING BOOM W/ FORKS & CLAM	Cranes	1.10E-01	1.92E-01	8.45E-05	1.01E-02	6.30E-03	6.30E-03	1.62E+01	2.83E-04	1.38E-03	1.66E+01
CRANE TRUCK 45 T HYDRAULIC 6 AXLE	Cranes	4.41E+00	7.66E+00	3.38E-03	4.03E-01	2.52E-01	2.52E-01	6.47E+02	1.13E-02	5.51E-02	6.64E+02
DIGGER DERRICK 15 T CAP	Cranes	2.16E+00	3.75E+00	1.65E-03	1.97E-01	1.23E-01	1.23E-01	4.31E+02	7.56E-03	3.68E-02	4.42E+02
DIGGER DERRICK 15 T CAP SWAMP TRACK MTD	Cranes	4.10E-01	7.35E-01	3.14E-04	3.87E-02	2.34E-02	2.34E-02	9.02E+01	1.58E-03	7.69E-03	9.25E+01
DOZER 10 THRU 12 T, W/ WINCH	Crawler Tractor/Dozers	7.69E-02	1.10E-01	4.12E-05	5.77E-03	6.15E-03	6.15E-03	1.18E+01	7.89E-04	1.01E-03	1.21E+01
DOZER 18 T W/ WINCH	Crawler Tractor/Dozers	1.28E-01	2.29E-01	9.79E-05	1.21E-02	7.30E-03	7.30E-03	2.98E+01	7.89E-04	2.54E-03	3.06E+01
CRAWLER CARRIER W/ 360 DUMP BOX OR DOZER 18 T W/ WINCH	Crawler Tractor/Dozers	8.04E-02	1.15E-01	4.31E-05	6.03E-03	6.43E-03	6.43E-03	1.24E+01	8.25E-04	1.05E-03	1.27E+01
EXCAVATOR 25 T	Excavators	1.15E-01	1.44E-01	6.17E-05	7.60E-03	6.91E-03	6.91E-03	1.40E+01	2.24E-04	1.20E-03	1.44E+01
FORKLIFT 11,000 THRU 12,000# TELESCOPIC BOOM	Forklifts	6.82E-01	8.56E-01	3.66E-04	4.50E-02	4.09E-02	4.09E-02	5.03E+01	1.22E-03	4.29E-03	5.17E+01
FRONT END LOADER 68,000# 4X4	Rubber Tire Loaders	1.73E+00	3.01E+00	1.33E-03	1.58E-01	9.89E-02	9.89E-02	2.84E+02	2.21E-03	2.42E-02	2.91E+02
GENERATOR 23KW THRU 60KW TRAILER MOUNTED TOW TYPE	Generator Sets	2.13E-01	2.76E-01	1.04E-04	1.45E-02	2.32E-02	2.32E-02	4.00E+01	1.29E-03	3.41E-03	4.11E+01
HYDRAULIC BULLWHEEL BUNDLE TENSIONER	Other Construction Equipment	3.15E-02	4.48E-02	1.69E-05	2.36E-03	2.52E-03	2.52E-03	5.94E+00	7.80E-05	5.06E-04	6.09E+00
PULLER ROPE TRAILER 4,000# CAP W/ SPLIT REEL TOW TYPE TANDEM AXLE	Other Construction Equipment	2.91E-02	4.15E-02	1.56E-05	2.18E-03	2.33E-03	2.33E-03	5.94E+00	7.80E-05	5.06E-04	6.09E+00
PULLER CABLE TRAILER 30,000# CAP TOW TYPE TANDEM AXLE	Other Construction Equipment	1.10E-01	1.91E-01	8.43E-05	1.01E-02	6.29E-03	6.29E-03	1.87E+01	7.80E-05	1.59E-03	1.92E+01
PULLER ROPE TRAILER 4 DRUM 3,500# CAP TOW TYPE TANDEM AXLE	Other Construction Equipment	4.52E-02	5.67E-02	2.42E-05	2.98E-03	2.71E-03	2.71E-03	5.94E+00	7.80E-05	5.06E-04	6.09E+00
300T AT Setting Crane	Cranes	5.79E-01	1.01E+00	4.43E-04	5.29E-02	3.31E-02	3.31E-02	1.11E+02	1.16E-03	9.49E-03	1.14E+02
60T RT Crane	Cranes	1.05E+00	1.82E+00	8.01E-04	9.56E-02	5.98E-02	5.98E-02	2.16E+02	3.78E-03	1.84E-02	2.21E+02
SKID STEER LOADER TRACK MTD 80 > 75 HP	Skid Steer Loaders	2.71E-01	3.86E-01	1.45E-04	2.03E-02	2.17E-02	2.17E-02	6.40E+01	2.25E-03	5.45E-03	6.57E+01
DUMP BOX TRUCK 2-1/2 T 6X6	Dumpers/Tenders	1.01E-01	1.75E-01	7.72E-05	9.21E-03	5.76E-03	5.76E-03	1.14E+00	1.24E-04	9.72E-05	1.17E+00
DUMP BOX TRUCK 1-1/4 & 1-1/2 T	Dumpers/Tenders	3.35E-01	5.82E-01	2.57E-04	3.06E-02	1.92E-02	1.92E-02	4.57E+00	4.97E-04	3.89E-04	4.69E+00
FLATBED (FRAMING) TRUCK 1-1/4 & 1-1/2 T	Dumpers/Tenders	1.01E+00	1.75E+00	7.70E-04	9.19E-02	5.75E-02	5.75E-02	1.37E+01	1.49E-03	1.17E-03	1.41E+01
PICKUP TRUCK 3/4 T	Off-highway Trucks	1.32E+01	2.29E+01	1.01E-02	1.21E+00	7.53E-01	7.53E-01	2.28E+03	4.70E-02	1.95E-01	2.34E+03
TRUCK TRACTOR 2-1/2 T 6X4 & 5 T 6X6	Off-highway Trucks	1.82E+00	3.16E+00	1.39E-03	1.66E-01	1.04E-01	1.04E-01	2.94E+02	6.04E-03	2.50E-02	3.01E+02

Fugitive Dust	MOVES Vehicle Class	CO	NO _x	SO ₂	VOC	PM ₁₀	PM _{2.5}	CO ₂	CH ₄	N ₂ O	CO ₂ e
		CO	NO _x	SO ₂	VOC	PM ₁₀	PM _{2.5}	CO ₂	CH ₄	N ₂ O	CO ₂ e
Dust from On Site Activities		0	0	0	0	1.45E+02	1.48E+01	0	0	0	0
Onroad	MOVES Vehicle Class	Criteria Air Pollutant Emissions (ton / year)						GHG Emissions (metric ton/year)			
		CO	NO _x	SO ₂	VOC	PM ₁₀	PM _{2.5}	CO ₂	CH ₄	N ₂ O	CO ₂ e
Resuspended Road Dust		0	0	0	0	9.06E-02	2.27E-02	0	0	0	0
Worker Commute (Gas Passenger Truck)	31	1.56E+00	8.19E-02	1.30E-03	1.06E-02	1.58E-03	1.40E-03	2.21E+02	3.62E-03	8.45E-04	2.21E+02
Material Hauling (Single Unit Truck)	52	2.93E-03	3.39E-03	1.00E-05	1.47E-04	6.23E-05	5.73E-05	2.71E+00	2.30E-05	3.74E-04	2.82E+00

^a EPA Tier II Emissions

^b South Coast AQMD Off Road- Model Mobile Source Emission Factors (<https://www.aqmd.gov/home/rules-compliance/ceqa/air-quality-analysis/handbook/off-road-mobile-source-emission-factors>) Load factor equal to 1 for these emission factors.

^c Load Factors from MOVES4

^d EPA 420-P-04-009, Exhaust and Crankcase Emission Factors for Nonroad Engine Modeling - Compression Ignition, USEPA, April 2004 - Tier 2 Engines.

^e Assumed breakdown of 5% for NMHC and 95% for NO_x emissions. NMHC used as VOC.
https://www.baaqmd.gov/-/media/Files/Engineering/policy_and_procedures/Engines/EmissionFactorsforDieselEngines.ashx
^f Global Warming Potentials from 40 CFR 98 Table A-1

^g N₂O emissions estimated based on the ratio of g N₂O per gallon of construction diesel to gallons of diesel per g CO₂, obtained from Tables 2.7 and 2.1, respectively, of the 2022 Climate Registry Default Emission Factors. Retrieved from <https://theclimateregistry.org/wp-content/uploads/2022/11/2022-Default-Emission-Factors-Final.pdf> on April 7, 2023.

^h N₂O emissions estimated based on the ratio of g N₂O per gallon of construction gasoline to gallons of gasoline per g CO₂, obtained from Tables 2.7 and 2.1, respectively, of the 2022 Climate Registry Default Emission Factors. Retrieved from <https://theclimateregistry.org/wp-content/uploads/2022/11/2022-Default-Emission-Factors-Final.pdf> on April 7, 2023.

Assumption:
1 kWh = 1.34 hp-hr

CO	NO _x	SO ₂	VOC	PM ₁₀	PM _{2.5}	CO ₂	CH ₄	N ₂ O	CO ₂ e	
29.91	51.36	0.02	2.70	1.73	1.73	5283.68	0.09	0.45	5420.19	Equipment
0.00	0.00	0.00	0.00	144.98	14.80	0.00	0.00	0.00	0.00	Fugitive Dust
1.56	0.09	0.00	0.01	0.09	0.02	223.50	0.00	0.00	223.96	Onroad
31.47	51.45	0.02	2.71	146.81	16.56	5,507.18	0.10	0.45	5,644.15	Total

0.010751742
0.010751742

Resuspended Road Dust from Construction
Year: 2026

SpeedBin	MOVES ID	Weight tons	Total Vehicle Miles Traveled (VMT) per Speed Bin						16
			Low ADT Road			High ADT Road			
			5	6	7	12	13		
Passenger Truck	31	5	0	0	0	170100	0	0	
Single Unit Truck	52	20	0	0	0	250	0	0	

Vehicle Type	Pollutant	Road Type	k (g/VMT)	sL	W	P	VMT	Emissions (tons)
Passenger Truck	PM _{2.5}	High ADT Road	0.25	0.12	5	110	170100	0.0056
Passenger Truck	PM ₁₀	High ADT Road	1	0.12	5	110	170100	0.0226
Passenger Truck	PM _{2.5}	Low ADT Road	0.25	0.6	5	110	0	0.0000
Passenger Truck	PM ₁₀	Low ADT Road	1	0.6	5	110	0	0.0000
Single Unit Truck	PM _{2.5}	High ADT Road	0.25	0.12	20	110	250	0.0000
Single Unit Truck	PM ₁₀	High ADT Road	1	0.12	20	110	250	0.0001
Single Unit Truck	PM _{2.5}	Low ADT Road	0.25	0.6	20	110	0	0.0000
Single Unit Truck	PM ₁₀	Low ADT Road	1	0.6	20	110	0	0.0000

Silt Loading	AP-42 Roadway Category	sL (Winter)
High ADT Road	5000-10000 ADT	0.12
Low ADT Road	500-5000 ADT	0.6

Total		
PM _{2.5}	0.005674821 tons	
PM ₁₀	0.022699285 tons	

Formula used from AP-42 Section 13.2.1 "Paved Roads"

$$E = k (sL/2)^{0.91} (W/3)^{1.02} (1-P/4N)$$

E = particulate emission factor (having units matching the units of k)

k = particle size multiplier for particle size range and units of interest, From AP-42 Table 13.2-1.1

sL = road surface silt loading (grams per square meter) (g/m²), Assume winter time condition

W = average weight (tons) of the vehicles traveling the road

Figure 13.2.1-2 estimates that days of precipitation >0.01 inch per year (P) is approximately 80; N is 365 days.

Resuspended Road Dust from Construction
Year: 2027

		Total Vehicle Miles Traveled (VMT) per Speed Bin							
SpeedBin	MOVES ID	Weight tons	Low ADT Road			High ADT Road			16
			5	6	7	12	13		
Passenger Truck	31	5	0	0	0	475200	0		0
Single Unit Truck	52	20	0	0	0	2550	0		0
Vehicle Type	Pollutant	Road Type	k (g/VMT)	sL	W	P	VMT	Emissions (tons)	
Passenger Truck	PM _{2.5}	High ADT Road	0.25	0.12	5	110	475200	0.0158	
Passenger Truck	PM ₁₀	High ADT Road	1	0.12	5	110	475200	0.0630	
Passenger Truck	PM _{2.5}	Low ADT Road	0.25	0.6	5	110	0	0.0000	
Passenger Truck	PM ₁₀	Low ADT Road	1	0.6	5	110	0	0.0000	
Single Unit Truck	PM _{2.5}	High ADT Road	0.25	0.12	20	110	2550	0.0003	
Single Unit Truck	PM ₁₀	High ADT Road	1	0.12	20	110	2550	0.0014	
Single Unit Truck	PM _{2.5}	Low ADT Road	0.25	0.6	20	110	0	0.0000	
Single Unit Truck	PM ₁₀	Low ADT Road	1	0.6	20	110	0	0.0000	

Silt Loading	AP-42 Roadway Category	sL (Winter)
High ADT Road	5000-10000 ADT	0.12
Low ADT Road	500-5000 ADT	0.6

Total		
PM _{2.5}	0.016105977 tons	
PM ₁₀	0.064423909 tons	

Formula used from AP-42 Section 13.2.1 "Paved Roads"

$$E = k (sL/2)^{0.91} (W/3)^{1.02} (1-P/4N)$$

E = particulate emission factor (having units matching the units of k)

k = particle size multiplier for particle size range and units of interest, From AP-42 Table 13.2-1.1

sL = road surface silt loading (grams per square meter) (g/m²), Assume winter time condition

W = average weight (tons) of the vehicles traveling the road

Figure 13.2.1-2 estimates that days of precipitation >0.01 inch per year (P) is approximately 80; N is 365 days.

Resuspended Road Dust from Construction
Year: 2028

SpeedBin	MOVES ID	Weight tons	Total Vehicle Miles Traveled (VMT) per Speed Bin						16
			Low ADT Road			High ADT Road			
			5	6	7	12	13		
Passenger Truck	31	5	0	0	0	668250	0	0	
Single Unit Truck	52	20	0	0	0	3650	0	0	

Vehicle Type	Pollutant	Road Type	k (g/VMT)	sL	W	P	VMT	Emissions (tons)
Passenger Truck	PM _{2.5}	High ADT Road	0.25	0.12	5	110	668250	0.0222
Passenger Truck	PM ₁₀	High ADT Road	1	0.12	5	110	668250	0.0886
Passenger Truck	PM _{2.5}	Low ADT Road	0.25	0.6	5	110	0	0.0000
Passenger Truck	PM ₁₀	Low ADT Road	1	0.6	5	110	0	0.0000
Single Unit Truck	PM _{2.5}	High ADT Road	0.25	0.12	20	110	3650	0.0005
Single Unit Truck	PM ₁₀	High ADT Road	1	0.12	20	110	3650	0.0020
Single Unit Truck	PM _{2.5}	Low ADT Road	0.25	0.6	20	110	0	0.0000
Single Unit Truck	PM ₁₀	Low ADT Road	1	0.6	20	110	0	0.0000

Silt Loading	AP-42 Roadway Category	sL (Winter)
High ADT Road	5000-10000 ADT	0.12
Low ADT Road	500-5000 ADT	0.6

Total		
PM _{2.5}		0.022657767 tons
PM ₁₀		0.090631068 tons

Formula used from AP-42 Section 13.2.1 "Paved Roads"

$$E = k (sL/2)^{0.91} (W/3)^{1.02} (1-P/4N)$$

E = particulate emission factor (having units matching the units of k)

k = particle size multiplier for particle size range and units of interest, From AP-42 Table 13.2-1.1

sL = road surface silt loading (grams per square meter) (g/m²), Assume winter time condition

W = average weight (tons) of the vehicles traveling the road

Figure 13.2.1-2 estimates that days of precipitation >0.01 inch per year (P) is approximately 80; N is 365 days.

Activities	Construction Duration (Days)	Area Affected (ac) or <i>Mileage</i> ⁶	WRAP Level ¹	Duration or <i>Tonnage</i> ⁵	Emission Factor ^{2,3}			Control Efficiency ⁴	Emission (tons/year)	
					Emission Factor Unit	PM ₁₀	PM _{2.5}		PM ₁₀	PM _{2.5}
ROW (Soil Disturbance)	42	382.7	1	1.4	ton/ac-month	0.11	0.011	50%	29.468	2.947
Passenger Trucks Onsite Mileage (Passenger Truck)	42	0	4	5	lb/ton-mile	0.21	0.021	50%	0.000	0.000
Support Trucks Onsite Mileage (Heavy Vehicle)	42	0	4	20	lb/ton-mile	0.21	0.021	50%	0.000	0.000
Wind Erosion	42	382.7		1.00	ton/ac-year	0.38	0.057	50%	6.059	0.909
Fugitive Dust Total									35.528	3.856

¹ WRAP level from Table 3-2 Ch 3 of WRAP Fugitive Dust Handbook Sep/2006: https://www.wrapair.org/forums/dejff/fdh/content/FDHandbook_Rev_06.pdf

² PM2.5/PM10 is set at 0.1 per guideline listed on section 3.31 of WRAP handbook, 0.15 for Wind Erosion per Section 9.2 of WRAP handbook

³ Wind Erosion Emission Factor extracted from WRAP handbook Table 11-6, assumed 100% of TSP is PM10

⁴ 50% of Wet Suppression per WRAP handbook Page 8

⁵ The unit for Duration is either month or year depending on the Emission Factor Unit. 20 tons was assume for Heavy Truck, 5 tons for passenger trucks

⁶ Assume no on-site mileage from passenger or support trucks. Acreage applicable for the longest alignment alternative and a 20-foot buffer.

Construction Fugitive Dust
Year: 2027

Activities	Construction Duration (Days)	Area Affected (ac) or <i>Mileage</i> ⁶	WRAP Level ¹	Duration or <i>Tonnage</i> ⁵	Emission Factor ^{2,3}			Control Efficiency ⁴	Emission (tons/year)	
					Emission Factor Unit	PM ₁₀	PM _{2.5}		PM ₁₀	PM _{2.5}
ROW (Soil Disturbance)	192	382.7	1	6.4	ton/ac-month	0.11	0.011	50%	134.712	13.471
Passenger Trucks Onsite Mileage (Passenger Truck)	192	0	4	5	lb/ton-mile	0.21	0.021	50%	0.000	0.000
Support Trucks Onsite Mileage (Heavy Vehicle)	192	0	4	20	lb/ton-mile	0.21	0.021	50%	0.000	0.000
Wind Erosion	192	382.7		1.00	ton/ac-year	0.38	0.057	50%	6.059	0.909
Fugitive Dust Total									140.772	14.380

¹ WRAP level from Table 3-2 Ch 3 of WRAP Fugitive Dust Handbook Sep/2006: https://www.wrapair.org/forums/dejff/fdh/content/FDHandbook_Rev_06.pdf

² PM2.5/PM10 is set at 0.1 per guideline listed on section 3.31 of WRAP handbook, 0.15 for Wind Erosion per Section 9.2 of WRAP handbook

³ Wind Erosion Emission Factor extracted from WRAP handbook Table 11-6, assumed 100% of TSP is PM10

⁴ 50% of Wet Suppression per WRAP handbook Page 8

⁵ The unit for Duration is either month or year depending on the Emission Factor Unit. 20 tons was assume for Heavy Truck, 5 tons for passenger trucks

⁶ Assume no on-site mileage from passenger or support trucks. Acreage applicable for the longest alignment alternative and a 20-foot buffer.

Construction Fugitive Dust
Year: 2028

Activities	Construction Duration (Days)	Area Affected (ac) or <i>Mileage</i> ⁶	WRAP Level ¹	Duration or <i>Tonnage</i> ⁵	Emission Factor ^{2,3}			Control Efficiency ⁴	Emission (tons/year)	
					Emission Factor Unit	PM ₁₀	PM _{2.5}		PM ₁₀	PM _{2.5}
ROW (Soil Disturbance)	198	382.7	1	6.6	ton/ac-month	0.11	0.011	50%	138.922	13.892
Passenger Trucks Onsite Mileage (Passenger Truck)	198	0	4	5	lb/ton-mile	0.21	0.021	50%	0.000	0.000
Support Trucks Onsite Mileage (Heavy Vehicle)	198	0	4	20	lb/ton-mile	0.21	0.021	50%	0.000	0.000
Wind Erosion	198	382.7		1.00	ton/ac-year	0.38	0.057	50%	6.059	0.909
Fugitive Dust Total									144.981	14.801

¹ WRAP level from Table 3-2 Ch 3 of WRAP Fugitive Dust Handbook Sep/2006: https://www.wrapair.org/forums/dejff/fdh/content/FDHandbook_Rev_06.pdf

² PM2.5/PM10 is set at 0.1 per guideline listed on section 3.31 of WRAP handbook, 0.15 for Wind Erosion per Section 9.2 of WRAP handbook

³ Wind Erosion Emission Factor extracted from WRAP handbook Table 11-6, assumed 100% of TSP is PM10

⁴ 50% of Wet Suppression per WRAP handbook Page 8

⁵ The unit for Duration is either month or year depending on the Emission Factor Unit. 20 tons was assume for Heavy Truck, 5 tons for passenger trucks

⁶ Assume no on-site mileage from passenger or support trucks. Acreage applicable for the longest alignment alternative and a 20-foot buffer.

HOOPER AND RENTAL EQUIPMENT (POWERED)	Quantity	Anticipated Horsepower	Typical Hour/day	Typical Days/week	Weeks
Worker Commuting Vehicles	45	300	2	6	72
ATV 4 TO 6 WHEEL, W/ DUMP	1	13.5	2	3	50
BACKHOE W/ LOADER 4X4	2	94	2	3	72
BUCKET 105' WORK HEIGHT	3	300	8	5	72
BUCKET 125' WORK HEIGHT 8X6	1	350	8	5	72
BUCKET 77' WORK HEIGHT SWAMP TRK MTD	2	300	8	3	50
TRUCK MTD 4 T ARTICULATING BOOM W/ FORKS & CLAM	1	450	2	3	72
CRANE TRUCK 45 T HYDRAULIC 6 AXLE	6	450	8	5	72
DIGGER DERRICK 15 T CAP	4	330	8	5	72
DIGGER DERRICK 15 T CAP SWAMP TRACK MTD	2	300	8	3	50
DOZER 10 THRU 12 T, W/ WINCH	1	80	4	3	72
DOZER 18 T W/ WINCH	1	190	4	3	72
CRAWLER CARRIER W/ 360 DUMP BOX OR DOZER 18 T W/ WINCH	1	80	6	3	50
EXCAVATOR 25 T	1	172	4	3	50
FORKLIFT 11,000 THRU 12,000# TELESCOPIC BOOM	3	142	4	5	72
FRONT END LOADER 68,000# 4X4	4	386	4	5	72
GENERATOR 23KW THRU 60KW TRAILER MOUNTED TOW TYPE	4	38	8	5	40
HYDRAULIC BULLWHEEL BUNDLE TENSIONER	1	80	2	3	60
PULLER ROPE TRAILER 4,000# CAP W/ SPLIT REEL TOW TYPE TANDEM AXLE	1	74	2	3	60
PULLER CABLE TRAILER 30,000# CAP TOW TYPE TANDEM AXLE	1	400	2	3	60
PULLER ROPE TRAILER 4 DRUM 3,500# CAP TOW TYPE TANDEM AXLE	1	115	2	3	60
300T AT Setting Crane	1	577	6	5	60
60T RT Crane	4	320	4	5	72
SKID STEER LOADER TRACK MTD 80 > 75 HP	5	95	4	5	72
DUMP BOX TRUCK 2-1/2 T 6X6	1	505	2	5	72
DUMP BOX TRUCK 1-1/4 & 1-1/2 T	2	420	4	5	72
FLATBED (FRAMING) TRUCK 1-1/4 & 1-1/2 T	6	420	4	5	72
PICKUP TRUCK 3/4 T	14	420	8	5	72
TRUCK TRACTOR 2-1/2 T 6X4 & 5 T 6X6	6	450	4	3	72

Total Construction Days
432
150
216
360
360
150
216
360
360
150
216
216
150
150
360
360
200
180
180
180
180
300
360
360
360
360
360
360
216

9.2% 44.6% 46.2%		
Weeks by Year		
2026	2027	2028
7	32	33
5	22	23
7	32	33
7	32	33
7	32	33
5	22	23
7	32	33
7	32	33
5	22	23
7	32	33
7	32	33
5	22	23
7	32	33
7	32	33
4	18	18
6	27	27
6	27	27
6	27	27
6	27	27
6	27	27
7	32	33
7	32	33
7	32	33
7	32	33
7	32	33
7	32	33
7	32	33

9.2% 44.6% 46.2%		
Days by Year		
2026	2027	2028
42	192	198
15	66	69
21	96	99
35	160	165
35	160	165
15	66	69
21	96	99
21	96	99
15	66	69
15	66	69
35	160	165
35	160	165
20	90	90
18	81	81
18	81	81
18	81	81
18	81	81
30	135	135
35	160	165
35	160	165
35	160	165
35	160	165
35	160	165
21	96	99

Xcel Energy MM RTP - Project Data

Data Request

1. Construction Year (s)
2. County where construction occurs
3. Total area of disturbance (acres)
4. Staging area size if it is not included in the total area of disturbance (acres)
5. Worker commute round trip mileage broken down for every construction year and average speed of the commute
6. Vehicle used and fuel type for worker commute.
7. Material hauling round trip mileage broken down in every construction year and average speed of the hauling. Diesel assumed for the material hauling trips.
8. Route for worker commute and material hauling.
9. Construction equipment list, including horsepower and hour usage broken down for every construction year
10. Fuel type of the construction equipment.
11. Work Schedule per year

Response

2026, 2027 & 2028

Blue Earth, Goodhue, LeSueur, Omsted, Rice, Wabasha, Waseca

4333.23 (acres)

It is anticipated that there will be 5 to 6 yards averaging 10 acres each, spaced at approximately 20 miles and located within 5 miles of the project. For the purposes of this estimate, yards were assumed near the following cities: Mankato, Morristown, Faribault, Kenyon, Rochester, and Plainview.

1. Assume around 45 workers.

2. Assume most of the commutes would be at hwy speeds (55mph) with some slower speeds on smaller roads.

3. Average Commuter Round Trip mileage (one day's mileage): 90mi (2026), 55mi (2027), and 75mi (2028)

Assume F150 with Gas (not diesel)

1. Assume diesel.

2. Assume most of the commutes would be at hwy speeds (55mph) with some slower speeds on smaller roads.

3. Total material hauling mileage by year: 250mi (2026), 2550mi (2027), and 3650mi (2028)

Assume major roads used: HWY's 35, 66, 60, 13, 56, & 14 with other township roads used as well.

Weeks of equipment usage provided by Hooper have been broken out into construction years based on the percentages of work in each year.

Assume diesel fuel for equipment.

Xcel Energy
MMRTP
Operations and Maintenance Emissions
Summary

Activity	CO2	CH4	N2O	CO2e
Equipment	16.75	7.06E-04	1.43E-03	17.19
Helicopter	3.57	1.48E-04	2.97E-05	3.58
Onroad	0.01	2.19E-07	5.12E-08	0.01
Total	20.33	8.55E-04	1.46E-03	20.79

Equipment ^b	SCAB Lookup ID	Fuel	HP ^b	Number of Units ^b	Total Operation Time (hr) ^b				
Equipment									
E4 OTL EQP PICKUP TRUCK-F350 CREW CAB 8001-11K 4X4	Off-Highway Trucks	Diesel	500	1	15				
K8 OTL EQP HEAVY BUCKET TRUCK100 FT RUBBER TIRE 6X6	Off-Highway Trucks	Diesel	500	1	15				
N4 OTL EQP TRUCK MOUNTEDCRANE 45T/50T RUBBER TIRE	Cranes	Diesel	500	1	15				
S2 OTL EQP BACKHOE-LOADER RUBBER TIRE 4X4	Tractors/Loaders/Backhoes	Diesel	120	1	15				
U1 OTL EQP SKID STEERLOADER TRACKED	Skid Steer Loaders	Diesel	120	1	15				
W2 OTL EQP ATV/UTV POLARIS/CANAM/ARGO RUBBER	Rubber Tired Loaders	Diesel	25	1	60				
R1 OTL EQP TRAILERUTV/FRAMING/ENCLOSED <=12K RUBBER TIRE TAN	Other Construction Equipment	Diesel	120	1	60				
D2 OTL EQP PICKUP TRUCK-F150 6001-8K 4X4	Off-Highway Trucks	Diesel	500	1	60				
R2 OTL EQP TRAILER MEDIUM EQUIP 12001-20K RUBBER TIRE TANDEM	Other Construction Equipment	Diesel	120	1	15				
R3 OTL EQP TRAILER LARGE EQUIP >20K RUBBER TIRE TANDEM	Other Construction Equipment	Diesel	120	1	15				

	Engine Mode	Quantity	Hours/day ^f	Number of days per year	Total Hours	Fuel Flow (Kg/s) ^g	Max Power (HP)	Load Factor ^g	Loaded Power (HP)
Helicopter Emissions									
Helicopter	Ground Idle	1	1.00	1	1	0.015	420	0.13000	55
Helicopter	Hover and Climb	1	1.25	1	1.25	0.033	420	0.87000	365
Helicopter	Approach	1	1.25	1	1.25	0.025	420	0.46000	193
Helicopter	Flight	1	8.00	1	8	0.031	420	0.80000	336

	MOVES Vehicle Class	Fuel Type	VMT per day	Number of days per year ⁱ	Onroad Fuel ID	Year	MOVES Road Type	MOVES Day Type	
Onroad									
Ground Patrols (Gas Passenger Truck)	31	Gasoline	10	4.05	1	2028	3	5	

^a South Coast AQMD Off Road- Model Mobile Source Emission Factors (<https://www.aqmd.gov/home/rules-compliance/ceqa/air-quality-analysis-handbook/off-road-mobile-source-emission-factors>)

^b Based from similar project, values are adjusted proportional to mileage

^c N₂O emissions estimated based on the ratio of g N₂O per gallon of construction diesel to gallons of diesel per g CO₂, obtained from Tables 2.7 and 2.1, respectively, of the 2022 Climate Registry Default Emission Factors. Retrieved from <https://theclimateregistry.org/wp-content/uploads/2022/11/2022-Default-Emission-Factors-Final.pdf> on April 7, 2023.

^d N₂O emissions estimated based on the ratio of g N₂O per gallon of construction gasoline to gallons of gasoline per g CO₂, obtained from Tables 2.7 and 2.1, respectively, of the 2022 Climate Registry Default Emission Factors. Retrieved from <https://theclimateregistry.org/wp-content/uploads/2022/11/2022-Default-Emission-Factors-Final.pdf> on April 7, 2023.

^e Global Warming Potentials from 40 CFR 98 Table A-1

^f Conservatively, a maximum of 8 hours of flight time is allocated. Based on the helicopter's flying speed of 30 mph over a distance of 162 miles, the estimated actual flight time is approximately 5.4 hours.

^g Source: Guidance on the Determination of Helicopter Emissions Edition 2 - December 2015. https://www.bazl.admin.ch/dam/bazl/de/dokumente/Fachleute/Regulationen_und_Grundlagen/guidance_on_the_determinationofhelicopteremissions.pdf.download.pdf/guidance_on_the_determinationofhelicopteremissions.pdf

^h GHG Emission factors from Title 40 Subchapter C Part 98 Subpart C, Table C-1 and C-2

ⁱ Approximately takes 16.2 days at 10 miles per day to complete the full inspection. Ground patrols are done every 4 years. Value represents an annual average over time.

^j Calculated from MOVES for Olmsted County, MN

Equipment ^b			Emission Factors (g/hr) ^a				GHG Emissions (metric ton/year)			
			CO ₂	CH ₄	N ₂ O ^{c,d}	CO ₂ e ^e	CO ₂	CH ₄	N ₂ O	CO ₂ e
Equipment										
E4 OTL EQP PICKUP TRUCK-F350 CREW CAB 8001-11K 4X4			123528.4545	4.8426	10.5259	126786.2464	1.85E+00	7.26E-05	1.58E-04	1.90E+00
K8 OTL EQP HEAVY BUCKET TRUCK100 FT RUBBER TIRE 6X6			123528.4545	4.8426	10.5259	126786.2464	1.85E+00	7.26E-05	1.58E-04	1.90E+00
N4 OTL EQP TRUCK MOUNTEDCRANE 45T/50T RUBBER TIRE			81692.4933	3.5108	6.9611	83854.6611	1.23E+00	5.27E-05	1.04E-04	1.26E+00
S2 OTL EQP BACKHOE-LOADER RUBBER TIRE 4X4			23463.4126	1.1492	1.9993	24087.9424	3.52E-01	1.72E-05	3.00E-05	3.61E-01
U1 OTL EQP SKID STEERLOADER TRACKED			19396.4227	0.7142	1.6528	19906.8062	2.91E-01	1.07E-05	2.48E-05	2.99E-01
W2 OTL EQP ATV/UTV POLARIS/CANAM/ARGO RUBBER			7678.9339	0.8359	0.6543	7894.8194	4.61E-01	5.02E-05	3.93E-05	4.74E-01
R1 OTL EQP TRAILERUTV/FRAMING/ENCLOSED <=12K RUBBER TIRE TAN			36676.8768	1.5524	3.1253	37647.0126	2.20E+00	9.31E-05	1.88E-04	2.26E+00
D2 OTL EQP PICKUP TRUCK-F150 6001-8K 4X4			123528.4545	4.8426	10.5259	126786.2464	7.41E+00	2.91E-04	6.32E-04	7.61E+00
R2 OTL EQP TRAILER MEDIUM EQUIP 12001-20K RUBBER TIRE TANDEM			36676.8768	1.5524	3.1253	37647.0126	5.50E-01	2.33E-05	4.69E-05	5.65E-01
R3 OTL EQP TRAILER LARGE EQUIP >20K RUBBER TIRE TANDEM			36676.8768	1.5524	3.1253	37647.0126	5.50E-01	2.33E-05	4.69E-05	5.65E-01

	Fuel Usage (kg fuel)	Fuel Usage (mmBtu)	Emission Factors (kg/mmBtu) ^b				GHG Emissions (metric ton/year)			
			CO ₂	CH ₄	N ₂ O	CO ₂ e ^e	CO ₂	CH ₄	N ₂ O	CO ₂ e
Helicopter Emissions										
Helicopter	52.79	2.16	72.22000	0.00300	0.00060	72.4738	1.56E-01	6.47E-06	1.29E-06	1.56E-01
Helicopter	147.17	6.01	72.22000	0.00300	0.00060	72.4738	0.434200433	1.80E-05	3.61E-06	4.36E-01
Helicopter	112.43	4.59	72.22000	0.00300	0.00060	72.4738	3.32E-01	1.38E-05	2.76E-06	3.33E-01
Helicopter	898.21	36.69	72.22000	0.00300	0.00060	72.4738	2.65E+00	1.10E-04	2.20E-05	2.66E+00

			Emission Factors (g/ml) ⁱ				GHG Emissions (metric ton/year)			
			CO ₂	CH ₄	N ₂ O	CO ₂ e ^e	CO ₂	CH ₄	N ₂ O	CO ₂ e
Onroad										
Ground Patrols (Gas Passenger Truck)			330.40116	0.00542	0.00127	330.9135593	1.34E-02	2.19E-07	5.12E-08	1.34E-02

^a South Coast AQMD Off Road- Model Mobile Source Emission Factors (<https://www.aqm.org/analysis-handbook/off-road-mobile-source-emission-factors>)

^b Based from similar project, values are adjusted proportional to mileage

^c N₂O emissions estimated based on the ratio of g N₂O per gallon of construction diesel to and 2.1, respectively, of the 2022 Climate Registry Default Emission Factors. Retrieved from content/uploads/2022/11/2022-Default-Emission-Factors-Final.pdf on April 7, 2023.

^d N₂O emissions estimated based on the ratio of g N₂O per gallon of construction gasoline Tables 2.7 and 2.1, respectively, of the 2022 Climate Registry Default Emission Factors. Retrieved from content/uploads/2022/11/2022-Default-Emission-Factors-Final.pdf on April 7, 2023.

^e Global Warming Potentials from 40 CFR 98 Table A-1

^f Conservatively, a maximum of 8 hours of flight time is allocated. Based on the helicopter miles, the estimated actual flight time is approximately 5.4 hours.

^g Source: Guidance on the Determination of Helicopter Emissions Edition 2 - December 21 https://www.bazl.admin.ch/dam/bazl/de/dokumente/Fachleute/Regulationen_und_Gruenderemissions.pdf.download.pdf/guidance_on_the_determinationofhelicopteremissions.pdf

^h GHG Emission factors from Title 40 Subchapter C Part 98 Subpart C, Table C-1 and C-2

ⁱ Approximately takes 16.2 days at 10 miles per day to complete the full inspection. Grouped as an annual average over time.

^j Calculated from MOVES for Olmsted County, MN

CO ₂	CH ₄	N ₂ O	CO ₂ e	
16.75	7.06E-04	1.43E-03	17.19	Equipment
3.57	1.48E-04	2.97E-05	3.58	Helicopter
0.01	2.19E-07	5.12E-08	0.01	Onroad
20.33	8.55E-04	1.46E-03	20.79	Total

Appendix U

Agricultural Impact

Mitigation Plan

AGRICULTURAL IMPACT MITIGATION PLAN

Mankato to Mississippi River Transmission Project

**MPUC Docket Nos. E002 /CN-22-532
& E002/TL-23-157**

February 2024

Northern States Power Company



**414 Nicollet Mall
Minneapolis, MN 55401**

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DEFINITIONS

Agricultural Land	Land that is actively managed for cropland, hay land, or pasture, and land in government set-aside programs.
Environmental / Agricultural Monitor	Monitor retained by the Company responsible for overall project compliance with permit conditions and commitments made in this document. The Environmental/Agricultural Monitor, or Monitor, shall also report directly to the Minnesota Department of Agriculture (MDA) and will be responsible for auditing the Companies' compliance with provisions of this AIMP. The monitor will have demonstrated experience with pipeline or electric transmission line construction on Agricultural Land.
Certifying Agent	As defined by the National Organic Program Standards, Federal Regulations 7 CFR Part 205.2.
Cropland	Land actively managed for growing row crops, small grains, or hay.
The Company	Northern States Power Company, doing business as Xcel Energy. May also include agents and contractors of Northern States Power Company, doing business as Xcel Energy, where appropriate.
Decertified or Decertification	Loss of Organic Certification.
Easement	The agreement(s) and/or interest in privately owned Agricultural Land held by the Company by virtue of which it has the right to construct, operate, and maintain the transmission line together with such other rights and obligations as may be set forth in such agreement.
Final Clean-up	Transmission line activity that occurs after the power line has been constructed. Final Clean-up activities may include: removal of construction debris, de-compaction of soil as required, removal of temporary erosion control structures, final grading, and restoration of fences and required reseeding. Once Final Clean-up is finished, Landowner will be contacted to settle all damage issues and will be provided a form to sign acknowledging final construction settlement.

Landowner	Person(s), or their representatives, holding legal title to Agricultural Land on the transmission line route from whom the Company is seeking, or has obtained, a temporary or permanent Easement. “Landowner” includes Tenant, if any.
Non-Agricultural Land	Any land that is not “Agricultural Land” as defined above.
Organic Agricultural Land	Farms or portions thereof described in 7 CFR Parts 205.100, 205.202, and 205.101.
Organic Buffer Zone	As defined by the National Organic Program Standards, Federal Regulations 7 CFR Part 205.2.
Organic Certification or Organic Certified	As defined by the National Organic Program Standards, Federal Regulations 7 CFR Part 205.100 and 7 CFR Part 205.101.
Organic System Plan	As defined by the National Organic Program Standards, Federal Regulations 7 CFR Part 205.2.
Prohibited Substance	As defined by the National Organic Program Standards, Federal Regulations 7 CFR Part 205.600 through 7 CFR 205.605 using the criteria provided in 7 USC 6517 and 7 USC 6518.
Right-of-Way	The Land included in permanent and temporary Easements which the Companies acquire for the purpose of constructing, operating and maintaining the transmission line.
Subsoil	Soil that is not Topsoil and located immediately below Topsoil.
Tenant	Any Person(s) lawfully renting or sharing land for agricultural production which makes up the “Right-of-Way” as defined in this AIMP.
Tile	Artificial subsurface drainage system.
Topsoil	The uppermost horizon (layer) of the soil, typically with the darkest color and highest content of organic matter.

INTRODUCTION

Northern States Power Company, doing business as Xcel Energy (Xcel Energy or the Company) developed this Agricultural Impact Mitigation Plan (AIMP) with the Minnesota Department of Agriculture (MDA) in compliance with Minnesota Statutes Section 216E.10, subdivision 3(b). The Mankato to Mississippi River Transmission Project (Project) is an approximately 120 mile 345 kilovolt (kV) transmission line from Xcel Energy's existing Wilmarth Substation located near Mankato, east to the Mississippi River southeast of Kellogg. In addition to the new 345 kV line, about 20 miles of an existing 161 kV line will need to be relocated from its current location (double circuited with an existing 345 kV line) between the North Rochester Substation near Pine Island and a point on the existing 161 kV line northeast of Rochester because a portion of the new 345 kV line would displace the 161 kV line.

This AIMP identifies measures Xcel Energy will take during construction to avoid, mitigate, minimize, repair, or provide compensation for impacts on cultivated agricultural land. The AIMP and its provisions will be implemented during construction and restoration activities that Xcel Energy undertakes for the Project prior to filing notice of completion of construction with the Minnesota Public Utilities Commission (Commission).

Capitalized words and other defined terms have the meanings given to them in this AIMP and its appendix. Use of "Landowner" in this AIMP may be construed to read "Landowner and/or Tenant."

This AIMP and its construction standards and policies apply only to construction activities occurring on privately owned Agricultural Land. If agricultural tile is encountered, whether on Non-Agricultural Land or Agricultural Land, Xcel Energy will implement construction standards relating to the repair of tile on Agricultural Lands discussed further in this AIMP. Portions of this AIMP that identify standards and policies as they apply to Organic Agricultural Land apply only to the types of lands defined in the National Organic Program Rules (7 C.F.R. Parts 205.100; 205.101, and 205.202). Further, construction standards and policies identified in this AIMP can be modified through Easement or other agreement between the Company and the Landowner of Agricultural Land, as appropriate. In such case, the Easement or other agreement will control.

WORKING WITH LANDOWNERS

Xcel Energy will negotiate in good faith with each Landowner of Agricultural Land to secure an agreement containing the conditions or provisions necessary to implement

the provisions of this AIMP. The mitigative actions set forth in this AIMP are subject to negotiation and approval or change by Landowner of Agricultural Land, so long as such changes are negotiated with and acceptable to Xcel Energy. Mitigative actions will be executed by Xcel Energy employees or by qualified contractors retained by Xcel Energy, unless otherwise specified or agreed upon by Landowner. Xcel Energy and Landowner may agree that certain activities will be performed by Landowner.

Unless otherwise specified in this AIMP or in an Easement or other agreement negotiated between the Company and Landowner, construction standards and policies or mitigative actions will be implemented within 90 days after completion of Final Clean-up activities on Agricultural Land. Weather conditions or other circumstances identified by mutual agreement between Landowner and Xcel Energy may delay implementation of mitigative actions after Final Clean-up. Where Xcel Energy determines it is practicable, Xcel Energy may make temporary repairs. These temporary repairs may be made to minimize additional property damage or interference with the Landowner's access to the subject Agricultural Land or to comply with Federal or State permits and regulations.

Xcel Energy or its contractors will implement the construction standards and policies or mitigative actions identified within this AIMP so long as such activities do not conflict with any applicable Federal or State rules, regulations, permits, licenses, approvals, or conditions obtained by the Company for the Project. Should any activity within this AIMP be determined to be unenforceable due to Federal or State rules, regulations, permits, licenses, approvals, or conditions, Xcel Energy will inform the Landowner and will identify a reasonable alternative activity.

Prior to Right-of-Way preparation or construction, Xcel Energy will make a good faith effort to provide each Landowner with contact information, including a phone number and address that can be used to contact Xcel Energy regarding any impacts to Cultivated Agricultural Land or other construction-related concern or question. Xcel Energy will provide updated information to the Landowner within a reasonable time of any change to Xcel Energy's contacts.

Xcel Energy will reasonably restore and/or compensate Landowner, as appropriate, for damages caused by Xcel Energy as a result of transmission line or related facility construction, and as outlined in this AIMP. Xcel Energy will decide whether to restore land and/or compensate Landowner after a discussion with the Landowner.

Xcel Energy will make good faith efforts to provide notice to the Landowner in advance of the commencement of initial construction activities on Agricultural Land. Notice may include personal contact, email, letter, or telephone contact.

ENVIRONMENTAL/AGRICULTURAL MONITOR

Xcel Energy will hire an Environmental/Agricultural Monitor (Monitor) to act as an independent third party to monitor compliance with this AIMP and other permit conditions/regulatory requirements¹. Xcel Energy will work with the MDA to select the Monitor.

Xcel Energy will coordinate with the MDA in identifying potential contractors to conduct environmental and agricultural monitoring. Xcel Energy will direct the selected contractor to communicate independently with the MDA and set up a reporting relationship as the MDA instructs.

The Monitor will audit the Company's compliance with this AIMP. While the Monitor will not have the authority to direct construction activities and will not have authority to stop construction, the Monitor will be required to immediately report to Xcel Energy observation of a significant non-compliant activity. The MDA may also instruct the Monitor to report non-compliant activities to the MDA. If after reviewing the non-compliant activity, and if judgement is made that continuing the activity will cause damage to the environment or Cultivated Agricultural Land, Xcel Energy would issue a stop work order.

Specific duties of the Monitor will include, but are not limited to the following:

1. Participate in preconstruction training activities sponsored by Xcel Energy and provide construction personnel with training on provisions of this AIMP before construction begins.
2. Monitor construction and restoration activities on Agricultural Land for compliance with provisions of this AIMP. The Monitor will be allowed full access to the Agricultural Land where construction occurs.
3. Work with construction crews to assure all practices are in compliance with the provisions of this AIMP.
4. Document instances of noncompliance and work with construction personnel to identify and implement appropriate corrective actions as needed.
5. Report instances of noncompliance with the AIMP to Xcel Energy and the MDA.

¹ For example, if a Monitor is required to implement other permit requirements (such as a Vegetation Management Plan) Xcel Energy will hire a Monitor that is qualified to conduct compliance monitoring for all such environmental permits, upon review and approval of applicable permitting authorities.

6. Coordinate with the MDA to develop a reporting structure and report directly to the MDA on events or schedule as agreed upon with the MDA.
7. Coordinate communication of Landowner concerns to the MDA, if necessary.
8. Maintain a written log of Landowner concerns observed or reported by Xcel Energy's construction or land rights agents regarding compliance with this AIMP. The written log should record whether the Monitor reported each logged concern to the MDA.
9. Be responsible for determining whether weather conditions have caused the soil to become so wet that mitigation measures designed to alleviate soil compaction would be ineffective and would actually reduce the future production capacity of the land. The Monitor would advise Xcel Energy of these conditions. Xcel Energy will be solely responsible in making the decision on whether it will proceed with construction under these conditions. Compensation for Landowner, as appropriate, will be determined as described in the "Procedures for Determination of Damages and Compensation" section of this AIMP.
10. In disputes between Xcel Energy and a Landowner over restoration, advise the MDA on whether the agricultural restoration is reasonably adequate in consultation with Xcel Energy.

Qualifications and Selection of the Environmental/Agricultural Monitor

The selected Monitor will:

1. Have demonstrated practical experience with pipeline or electric transmission line construction, restoration, and compliance monitoring on Agricultural Land.
2. Have demonstrated practical experience with soils and hydrology in agricultural settings.
3. If work is being performed on Organic Agricultural Land, the Monitor will be trained, in organic inspection, by the Independent Organic Inspectors Association, unless the Monitor received such training during the previous three years.

IMPACT AND MITIGATION PRACTICES

Pole Placement

During the design of the Project, Xcel Energy's engineering, real estate, and permitting staff will seek input from Landowners, as practicable, to address pole placement issues. Prior to construction, Xcel Energy land rights agents will review the planned pole locations with the Landowner when requested to do so by the Landowner.

Pole Removal

If the Project is constructed along an existing transmission line, and Xcel Energy determines the existing facilities can be reasonably co-located, Xcel Energy may remove existing transmission line structures. For transmission line structures that do not have a footing, Xcel Energy will extract the pole from the ground if possible. In the event a pole cannot be extracted by pulling, Xcel Energy will excavate an area and an attempt will be made to extricate an excavated pole entirely. If an excavated pole cannot be removed in its entirety, the pole will either be cut off at the excavated depth (in the range of approximately five feet) or pushed over if the pole cannot be cut. If an existing transmission structure to be removed has a concrete footing, Xcel Energy will work with the Landowner to determine at what depth the footing must be removed so farming operations can continue on the property.

If Xcel Energy removes an existing pole, all support anchors for the structure will be removed. In these instances, Xcel Energy will work with the Landowner to identify any tile lines located near anchors prior to removal of the anchors. Additionally, if any damage to tile occurs as a result of pole or anchor removal, Xcel Energy will adhere to the “Agricultural Tile” section of this AIMP.

Agricultural Tile

Xcel Energy will contact an affected Landowner for his/her knowledge of tile locations prior to installation of the transmission line. Xcel Energy will attempt to identify tile if the Landowner does not know if tile is located at the proposed pole location. Tile that is damaged, cut, or removed as a result of Xcel Energy’s location efforts will be promptly repaired.

If tile is damaged by Project construction, the tile will be repaired with materials of the same quality as that which was damaged. If tiles on or adjacent to the transmission line construction area are adversely affected by construction, Xcel Energy will take such actions as are necessary to restore the tile function, including the relocation, reconfiguration, and replacement of the existing tile. Xcel Energy will correct tile repairs, as needed, after completion of the transmission line construction, provided the repairs were made by Xcel Energy or their agents or designees.

The affected Landowner may elect to negotiate a fair settlement with Xcel Energy for the Landowner to undertake the responsibility for repair, relocation, reconfiguration, or replacement of damaged tile. In the event the Landowner chooses to undertake the responsibility for repair, relocation, reconfiguration, or replacement of the damaged tile, Xcel Energy will have no further liability for the identified damaged tile.

The following standards and policies apply to the tile repairs completed by Xcel Energy:

1. Tiles will be repaired with materials of the same or better quality as that which was damaged.
2. If water is flowing through a damaged tile, temporary repairs will be promptly installed and maintained until such time that permanent repairs can be made.
3. Xcel Energy will make efforts to complete permanent tile repairs within a reasonable timeframe after Final Clean-up, taking into account weather and soil conditions.
4. Following completion of the Final Clean-up and damage settlement, Xcel Energy will be responsible for correcting and repairing tile breaks, or other damages to tile systems that are discovered on the Right-of-Way to the extent that such breaks are the result of Project construction. These damages are usually discovered after the first significant rain event. Xcel Energy will provide the Landowner with contact information should tile damage issues be identified after Final Clean-up. The Company will not be responsible for tile repairs performed by the Landowner.

Xcel Energy will be responsible for repairing areas as necessary to properly drain wet areas along the Right-of-Way caused by the construction of the Project.

Excavation/Grading

Topsoil and Subsoil layers that are removed during construction for facility structures, pole placement, or temporary road impacts will be stored separately and replaced in the proper sequence after the transmission line is installed. Unless otherwise specified in an Easement or other agreement negotiated between the Company and Landowner, Xcel Energy will not use this soil for other purposes, including creating access ramps at road crossings. No Topsoil or Subsoil (other than incidental amounts) may be removed from Agricultural Land without permission of the Landowner.

Soil Compaction/Rutting

Xcel Energy will repair damage incurred due to compaction, ruts, erosion, and/or washing of soil caused by electric line construction. If, by mutual agreement, the Landowner repairs such damage, Xcel Energy will reimburse the Landowner for the reasonable cost of labor and the use of equipment to repair damage incurred due to compaction, ruts, erosion, and/or washing of soil caused by electric line construction. Xcel Energy will make such payments within a reasonable period of time following

completion of project construction and after receiving a statement substantiating the Landowner's repair costs.

If there is a dispute between the Landowner and Xcel Energy as to what areas need to be ripped or chiseled, the depth at which compacted areas should be ripped or chiseled, or the necessity for, or rates of, lime, fertilizer, and organic material application, Xcel Energy will consult with the Monitor prior to making a final decision.

Excess Soil and Rocks

Excess soil and rock will be removed from the site unless otherwise requested by the Landowner. After Final Clean-up and restoration of Agricultural Lands, Xcel Energy will make good faith efforts to obtain written acknowledgement of completion of such activities from the Landowner.

Construction Debris

Xcel Energy will promptly remove construction-related debris and material which is not an integral part of the transmission line from the Landowner's property at the Companies' cost. Such material may include excess construction materials or litter generated by the construction crews. Xcel Energy will pay for the reasonable cost of repairs to the Landowner's equipment if the equipment is damaged by materials or debris left on the property during construction.

Procedures for Determination of Damages and Compensation

Xcel Energy will maintain a procedure for processing Landowner claims for construction-related damages, including but not limited to crop damages. The procedure is intended to standardize and minimize Landowner concerns regarding the recovery of damages, to provide a degree of certainty and predictability for Landowner and the Joint Owners, and to foster good relationships among the Joint Owners and Landowner over the long term. A copy of the procedure will be provided to Landowner during Easement acquisition negotiations.

Damage claim negotiations between Xcel Energy and any affected Landowner will be voluntary in nature. Xcel Energy will offer to compensate Landowners according to the terms of Xcel Energy's damage claim policy in effect at the time the Easement is executed and recorded. The compensation offered is only an offer to settle, and the offer shall not be introduced in any proceeding brought by the Landowner to establish the amount of damages Xcel Energy must pay.

Soil Conservation Practices

Soil conservation practices such as terraces and grassed waterways which are damaged by the transmission line's construction will be restored to their pre-construction condition as near as possible. Xcel Energy will attempt to work with the Landowner to identify and document the pre-construction conditions of these features.

Irrigation

If the transmission line and/or temporary work areas intersect an operational (or soon to be operational) spray irrigation system, Xcel Energy will work with the Landowner to establish an acceptable amount of time the irrigation system may be out of service.

If, as a result of the transmission line construction activities, an irrigation system interruption results in crop damages either on the Right-of-Way or off the Right-of-Way, Landowners will be compensated for resulting crop loss.

If it is feasible and mutually acceptable to Xcel Energy and the Landowner, temporary measures will be implemented to allow an irrigation system to continue to operate across land on which the transmission line is also being constructed. Xcel Energy will not allow an irrigation system to continue operation across land on which the transmission line is also being constructed if Xcel Energy determines that such operation would be unsafe.

Access Routes/ Temporary Roads

The location of access routes to be used for construction purposes will be discussed with the Landowner.

- A. The access routes will be designed so as to not impede proper drainage and will be built to mitigate soil erosion on or near the temporary roads.
- B. If grading is required to create a temporary road, these temporary roads may be left intact through mutual agreement of the Landowner and Xcel Energy unless otherwise restricted by Federal, State, or local regulations.
- C. If a temporary road is to be removed, the Agricultural Land upon which the temporary road is constructed will be returned to its previous use and restored to equivalent condition as existed prior to construction.

MITIGATIVE ACTIONS FOR ORGANIC FARMS

The Companies recognize that Organic Agricultural Land is a unique feature of the landscape and will treat this land with a similar level of care as other sensitive

environmental features. This section identifies mitigation measures that apply specifically to farms that are Organic Certified or farms that are in active transition to become Organic Certified, and is intended to address the unique management and certification requirements of these operations. This section supplements and is in addition to all other protections provided in this AIMP.

The provisions of this section will only apply to Organic Agricultural Land for which the Landowner has provided to Xcel Energy a true, correct and current version of the Organic System Plan within 60 days after the signing of the Easement or 60 days after the first contact by Xcel Energy after the Commission issues a Route Permit, whichever occurs first.

Organic System Plan

The Company recognizes the importance of the individualized Organic System Plan to the Organic Certification process. Xcel Energy will work with the Landowner, the Landowner's Certifying Agent, and/or a mutually acceptable third-party organic consultant to identify site-specific construction practices that will minimize the potential for Decertification as a result of construction activities.

Possible practices may include, but are not limited to: equipment cleaning, planting a deep-rooted cover crop in lieu of mechanical decompaction, applications of composted manure or rock phosphate, preventing the introduction of disease vectors from tobacco use, restoration and replacement of beneficial bird and insect habitat, maintenance of organic buffer zones, use of certified-organic seeds for any cover crop, or similar measures. The Company recognizes that Organic System Plans are proprietary in nature and will respect the need for confidentiality.

Prohibited Substances

Xcel Energy will avoid the application of Prohibited Substances onto Organic Agricultural Land. No herbicides, pesticides, fertilizers or seed will be applied to Organic Agricultural Land unless requested and approved by the Landowner. Likewise, Xcel Energy will avoid refueling, fuel or lubricant storage, or routine equipment maintenance on Organic Agricultural Land. Equipment will be checked prior to entry to make sure that fuel, hydraulic and lubrication systems are in good working order before working on Organic Agricultural Land. If Prohibited Substances are used on land adjacent to Organic Agricultural Land, these substances will be used in such a way as to prevent them from entering Organic Agricultural Land.

Temporary Road Impacts

Topsoil and Subsoil layers that are removed during construction on Organic Agricultural Land for temporary road impacts will be stored separately and replaced in the proper sequence after the transmission line is installed. Unless otherwise specified in the site- specific plan described above, Xcel Energy will not use this soil for other purposes, including creating access ramps at road crossings. No Topsoil or Subsoil (other than incidental amounts) may be removed from Organic Agricultural Land. Likewise, Organic Agricultural Land will not be used for storage of soil from non-Organic Agricultural Land.

Erosion Control

On Organic Agricultural Land, Xcel Energy will, to the extent feasible, implement erosion control methods consistent with the Landowner's Organic System Plan. On land adjacent to Organic Agricultural Land, Xcel Energy's erosion control procedures will be designed so that sediment from adjacent non-Organic Agricultural Land will not flow along the Right-of-Way and be deposited on Organic Agricultural Land. Treated lumber, non- organic hay bales, non-approved metal fence posts, etc. will not be used for erosion control on Organic Agricultural Land.

Weed Control

On Organic Agricultural Land, if Xcel Energy determines weed control is necessary during construction activities, Xcel Energy will, to the extent feasible, implement weed control methods consistent with the Landowner's Organic System Plan. Prohibited Substances will not be used for weed control within 50 feet of posted Organic Agricultural Land. Prohibited substances will not be applied in conditions when winds would carry the substance beyond the 50-foot exclusion area.

Monitoring

In addition to the responsibilities of the Monitor described in the AIMP, the following will apply to Organic Agricultural Land:

- A. The Monitor will monitor weather conditions, as well as construction and restoration activities on Organic Agricultural Land for compliance with the provisions of this section and will document any activities that may result in Decertification.
- B. Instances of non-compliance will be documented according to Independent Organic Inspectors Association protocol consistent with the Landowner's

Organic System Plan, and will be made available to the MDA, the Landowner, the Landowner's Certifying Agent, and to the Company.

Compensation for Construction Damages

The settlement of damages will be based on crop yield and/or crop quality determination and the need for additional restoration measures. Xcel Energy will first work with the Landowner of Organic Agricultural Land to determine crop yield. In the event Xcel Energy and the Landowner of Organic Agricultural Land cannot determine crop yield, at Xcel Energy's expense, a mutually agreed upon professional agronomist will make crop yield determinations, and the MDA Fruit and Vegetable Inspection Unit will make crop quality determinations.

If the crop yield and/or crop quality determinations indicate the need for soil testing, the testing will be conducted by a commercial laboratory that is properly certified to conduct the necessary tests and is mutually agreeable to Xcel Energy and the Landowner. Field work for soil testing will be conducted by a professional soil scientist or professional engineer licensed by the State of Minnesota. Xcel Energy will be responsible for the cost of sampling, testing and additional restoration activities, if needed. Additional restoration activities will be completed according to the terms of its damage claim policy in effect at the time the Easement is executed and recorded.

Compensation for Damages Due to Decertification

Should any portion of Organic Agricultural Land be Decertified as a result of construction activities, Xcel Energy will pay damages for crops and/or livestock within the area impacted by the lost Certification equal to the full difference between the market value of conventional crops and/or livestock and the market value of the organic crops and/or livestock lost for three years or the period of time necessary for the Landowner or Tenant to regain Certification, whichever comes first. The market value of the crop will be determined as set forth in the damage claim policy. At the request of Xcel Energy, the Landowner shall provide verification of its loss of Organic Certification through the accredited certifying agent prior to any compensation for organic crop loss being paid.

Appendix V

Vegetation Management Plan

VEGETATION MANAGEMENT PLAN

Mankato to Mississippi River Transmission PROJECT

**MPUC Docket Nos. E002 /CN-22-532
& E002/TL-23-157**

February 2024

Northern States Power Company



**414 Nicollet Mall
Minneapolis, MN 55401**

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1 INTRODUCTION

The Mankato to Mississippi River Transmission Project (Project) is an approximately 120 mile 345 kilovolt (kV) transmission line from Xcel Energy's existing Wilmarth Substation located near Mankato, east to the Mississippi River southeast of Kellogg. In addition to the new 345 kV line, about 20 miles of an existing 161 kV line will need to be relocated from its current location (double circuited with an existing 345 kV line) between the North Rochester Substation near Pine Island and a point on the existing 161 kV line northeast of Rochester because a portion of the new 345 kV line would displace the 161 kV line.

This draft Vegetation Management Plan (VMP or Plan) is intended to describe Xcel Energy's standards for handling of vegetation removal and protection of existing vegetation during site preparation and construction and for revegetation of areas of exposed soil during restoration following Project construction.

Xcel Energy provides this draft VMP for consideration as part of the route permit proceedings currently underway with the Minnesota Public Utilities Commission (Commission).

2 GENERAL RIGHT-OF-WAY VEGETATION MANAGEMENT

Xcel Energy's standard practice is to clear all woody vegetation within the full right-of-way width for construction of new transmission lines. This includes cases where a new line will be located within an existing right-of-way such as for a line rebuild or double-circuiting a new line with an existing line. The purpose of clearing to the full extent of the right-of-way is to ensure adequate and safe working spaces for crews during construction as well as to provide appropriate clearances for safe reliable operation of the lines once construction is complete. There are limited circumstances when this practice is modified and selected vegetation can remain within the right-of-way provided National Electric Safety Code (NESC) clearance requirements are met.

While removing woody vegetation within the right-of-way is necessary, efforts are made to protect existing compatible low-growing vegetation to minimize construction impacts such as soil erosion, wetland damage, or habitat loss. The following is a list of general practices that will be used to minimize vegetation impacts related to Project construction:

- Use erosion control best management practices (BMPs) to intercept stormwater runoff from areas disturbed as part of clearing operations. Stormwater BMPs are

addressed in the Project-specific Stormwater Pollution Prevention Plan (SWPPP).

- Minimize rutting by using matting materials in wetland areas for all construction activities, including right-of-way clearing activities; or perform work on firm or frozen ground that can support the equipment used.
- Minimize soil disturbance in steeply sloped areas, to the extent possible and/or practicable.
- Limit construction activities, including vegetation removal, to the right-of-way and off right-of-way access.
- To the extent practicable and safe, limit traffic in the right-of-way between transmission structure locations to a single access path.
- Limit staging and lay-down areas to previously disturbed areas where practicable.
- To the extent practicable, complete construction in wet organic soils when the ground is frozen.
- When existing low growing vegetation is disturbed during construction restoration efforts focus on establishing compatible (low growing) non-invasive species within the right-of-way.

3 VEGETATION REMOVAL

The Project will require the clearing of vegetation within the right-of-way and along temporary construction access paths. Tall woody vegetation that may interfere with safe construction and safe and reliable operation of the transmission line will be removed and managed through the operational life of the Project.

Clearing of vegetation will occur prior to other construction activities as allowed by landowner agreements and permit conditions. Clearing may be accomplished with the use of chainsaws, mowers, and hydraulic tree-cutting equipment. Vegetation will be cut at, or slightly above, the ground surface. Rootstock or stumps will typically be left in place unless transmission structure installation or construction access requires otherwise or at the request of the landowner.

Landowners will be notified to allow them to harvest trees within easement boundaries prior to the initiation of clearing. The landowner will retain the title to all timber material, if desired. Non-merchantable material, including trees, brush, and slash, will be either cut and scattered, placed in windrow piles, chipped, or burned within the right-

of-way. Non-merchantable felled material may also be removed from the right-of-way in a fashion that does not cause erosion unless BMPs are installed.

3.1 UPLAND VEGETATION REMOVAL

The cut and scatter method, where understory trees, branches and brush are simply cut, sectioned into smaller pieces, and scattered across the site, may be used in areas where limited clearing is necessary, and access is challenging. The purpose of this method is to limit the need for unnecessary equipment access and hauling which could potentially disturb existing ground or vegetation.

Woody vegetation may be chipped and scattered over the right-of-way to a maximum depth of one inch in non-agricultural upland areas.

3.2 WETLAND VEGETATION REMOVAL

The use of heavy equipment in wetlands will be kept to the minimum extent practicable. Wetland impact minimization will be accomplished by:

- constructing in wetlands during frozen conditions to the extent feasible;
- working in dry conditions; and
- using low ground-pressure tires or specialized tracked vehicles.

These BMPs are intended to minimize damage to wetland vegetation and soils.

Removal of trees and shrubs from forested wetlands may be necessary in some locations. The removal of woody vegetation within forested wetlands will be conducted in accordance with applicable wetland permit conditions. Within these areas, all trees and large shrub species will be cleared to ground level. Small diameter trees and shrubs (<6" diameter) will be cut and debris scattered in place. Large diameter trees and shrubs (>6" diameter) will be hauled out of wetland areas to suitable upland locations and treated according to applicable procedures. If the cut and scatter method is used within wetland areas no slash material will be left in the wetlands. Chipping or scattering of chips will not occur in wetlands.

Stump removal may occur within wetlands only where stumps interfere with the placement of construction mats or pole locations or pose a risk to construction tires and equipment. Where removal is required for access, stumps will be ground to a point at or slightly below the ground surface using low ground-pressure track-mounted equipment. Woody materials generated by stump grinding may be thin-spread in the wetland; but said material will not be mounded.

4 HERBICIDE USE

Herbicides may be used within the right-of-way to control regrowth of woody species, prevent the re-sprout of the stumps of tall-growing tree species or to control invasive or noxious weed species. All herbicide use will be in accordance with manufacturer's specifications and all applicable federal and state regulations. Herbicides designated for upland use will not be used within 75 feet of the vegetative buffer of waterbodies. Herbicides used in or near wetlands and waterbodies must be designed for use in wet areas as designated by manufacturer's specifications and federal and state regulations. Herbicides will not be used on public lands without any required permits/approvals and will not be used at organic farms or other properties where landowners prohibit their use.

The contractor applying herbicide will be required to obtain any necessary permits and/or certifications prior to herbicide placement and will be required to keep proper documentation of location and timing of herbicide use. Treatment shall conform to manufacturers' specifications.

5 NOXIOUS WEEDS AND INVASIVE SPECIES CONTROL

Xcel Energy has identified mitigation measures to be implemented to prevent the introduction and spread of noxious weeds and invasive species (NWIS) on lands disturbed by construction activities.

Preventing the introduction of NWIS from outside of the Project area is primarily accomplished by ensuring that, prior to arrival onsite, equipment is cleaned and visible dirt or plant parts are removed using methods such as vehicle washing, high pressure compressed air blowers or brushing. A variety of methods can be used to control NWIS that are already present within the Project right-of-way or access routes. These include completing tree and brush clearing during the winter, treating NWIS infested areas with herbicide prior to start of clearing, spreading mulch along access paths, and routing access paths away from NWIS infested areas.

Winter clearing limits the likelihood of construction equipment coming in contact with NWIS plant parts or seeds and reduces the chances of spreading those parts throughout the right-of-way. Treatment of NWIS areas with herbicides before they are able to go to seed can also minimize spread. If any mulch is used on the Project, it will consist of state-certified weed-free material or mulch derived from onsite locations. The contractor will be responsible for locating and documenting the source of certified weed-free mulch. Copies of the applicable certification documentation must be made available upon request to the appropriate agencies. Mulch derived from onsite locations may be spread up to six inches deep in upland areas to provide ground protection along

access paths. Upon abandonment of access routes, woodchip mulch will be spread evenly to a depth no greater than one inch. No mulch will be spread in wetland locations. Major infestation areas identified during the first growing season will be treated with the use of herbicides or by mechanical methods.

6 SEEDING AND REVEGETATION

Revegetation of areas disturbed by construction activities will take place as soon as practicable following construction completion in those areas. Seedbed preparation will be dependent on the site conditions following construction activities and may include tilling to a minimum depth of four inches with a disc, field cultivator, or chisel plow, breaking up large clumps and firming the soil surface. Prior to seeding, prepared beds should be sufficiently soft to allow for seed penetration and mulch anchoring, while sufficiently firm to provide surface soil stability. Seeding and mulching should occur parallel to ground contours as practicable.

In areas where stumps remain within areas of cleared forest, it may not be practical to access large areas of ground with seeding and seedbed preparation equipment. In these areas, smaller vehicles may be required to perform tasks such as smoothing ruts, preparing seedbeds with small rakes, and surface packing after seeding. Fertilizers and other soil amendments are not recommended and will only be applied as requested by and agreed to with landowners.

Because of the linear nature of transmission line projects there are typically many different landcover types and plant communities impacted by Project construction. In cases where there are exposed soils in areas such as roadsides, field edges and other locations dominated by non-native species a Minnesota state seed mix from the 25 series (Non-Native Grassland) will typically be used. These are certified seed mixes which are designed for regional land cover types and meet minimum standards for seed purity, germination rate, weed seed content and pure live seed weight, and are certified as noxious weed free. Seed mixes can be found here: <https://bwsr.state.mn.us/seed-mixes>. In locations where disturbances are within previously undisturbed natural areas which contain native plant species an appropriate native seed mix will be used. On private agricultural lands, agents will work with landowners to develop appropriate measures for reseeding of disturbed soils which may involve planting of row crops. Pastures will be seeded with landowner-specified seed mix.

6.1 SEEDING METHODS

Seeding methods may include broadcast, seed drilling or hydroseeding. Broadcast seeding is the most commonly used method for relatively small, disturbed areas, which are typically what is seen in transmission line construction. Seed is uniformly distributed

by a mechanical, hand-operated seeder, or in small seeding areas, by hand. Following seeding, the surface is typically raked with a cultipacker, harrow, or hand rake. The bed is to be firmed as appropriate to site conditions.

Drilled seed will typically be sown at a depth of approximately 0.25 inches; however, some native seed mixes contain small seed which needs to be shallower. If native seed mixes are being installed via seed drill equipment will be able to accommodate and uniformly distribute different sizes of seed at the required depth. Feeding mechanisms will be able to evenly distribute different seed types at the rates specified. Seedbed soil is to be suitably firmed immediately following seed drilling. Seed drilling is only used in areas with a larger disturbance footprint.

Hydroseeding involves applying seed in a broadcast, hydromulch slurry. The hydromulch mix allows the installer to see where application has taken place, ensuring uniform coverage of the seeding area. The hydro-seeder must provide for continuous agitation of slurry and provide for a uniform flow of slurry. This method is not recommended for diverse native seed mixed because of the range of seed sized and necessary planting depths.

When used, native seed mixes are typically most successful when installed between April 1 to June 30, or when soil temperatures have fallen below 55 degrees Fahrenheit in the fall. However, seeding will also be completed outside of those time periods, as areas are ready for revegetation. This is in order to facilitate permanent vegetation cover as soon as possible. Additional seed may be installed in areas where initial seeding is not successful. Temporary seed (oats or winter wheat) may also be applied in those situations as a cover crop.

Temporary seeding of cover crop will occur in locations where unfrozen, bare soil surface conditions and ruts will not be permanently restored within 30 days of completion of active work. Temporary restoration activities will include the repair of rutted surfaces and an even broadcast-seeding of the temporary cover-crop seed mix at a rate appropriate to the cover crop to provide erosion control of the soils. No mulch is to be applied in wetland areas.

6.2 NATURAL REVEGETATION

In many cases natural revegetation by early successional native species following tree clearing is expected to occur. In areas where native species voluntarily revegetate the right-of-way, active restoration and seeding may not be required. Regular monitoring will take place to ensure that NWIS are controlled, that desirable native plant species become the dominant vegetation communities in natural areas, and that bare soils are

quickly stabilized to reduce erosion. In areas of minimal disturbance, vegetation will be allowed to regenerate naturally.

Where standing water is not present, and where surrounding vegetation is dominated by abundant native species, the seeding of bare soils created by rutting, using the temporary cover-crop seed mix may be sufficient for cover while native species revegetate the area.

In areas where wetland plant communities are dominated by native species with rhizomatous root systems that will likely recolonize areas of limited disturbance rapidly, bare soils may be broadcast-seeded with the seasonally appropriate temporary cover-crop. In areas where disturbed and bare soils are sufficient to preclude revegetation from the local, native seed source, a native wetland seed mix will be applied.

7 EROSION CONTROL

In some cases, temporary erosion control methods will be necessary to stabilize soils and give the seed time to germinate. Erosion control measures may consist of anchored straw mulch, hydromulch, wood chip mulch, or erosion control blankets. When used the contractor will be responsible for acquiring certified weed-free mulch. If used erosion control blanketing will be wildlife-friendly non-welded weave in order to minimize impacts to small wildlife. Mulch or blanketing will be required on disturbed, exposed soils on all slopes greater than five percent, and on dry, sandy soils prone to erosion by wind or rain.

If there are locations where seeding is not possible, and there is adequate seed bank present in the soil, temporary stabilization using erosion control matting or mulch will be installed and maintained in a similar manner as in seeded areas. Dormant seeding may be used after soil temperatures have fallen below 55 degrees Fahrenheit when lower temperatures prevent seed from germinating. If dormant seeding is performed, temporary erosion control measures will be installed as indicated in the Project SWPPP.

8 MONITORING

Xcel Energy will monitor and control NWIS within the right-of-way through the construction. The environmental inspector will inspect and provide information regarding infestations of NWIS along the right-of-way to the appropriate agencies. The Permittee will be required to meet easement and lease conditions and obligations and will continue to work with landowners and the appropriate agencies to achieve standards set forth in easement or lease agreements.

The Permittee will monitor areas where seeding and erosion control measures have been implemented and will follow-up with reseeding measures where vegetative cover

by the specified seed mix, or revegetation by the local, native seed source is inadequate to provide long term stability and sustainable native plant communities.

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Appendix W

Census Block Tables

County and City

Location	Total 2020 Population	2020 Households Below Poverty Level	2020 Percent Minority	2020 Percent LEP Population
State of Minnesota	5,707,390	9.30%	19.20%	2.18%
Blue Earth County	67,368	16.40%	13.25%	1.10%
Mankato City	42,685	22.50%	18.26%	1.70%
Eagle Lake City	3,064	7.10%	7.69%	0.00%
Madison Lake City	1,081	5.50%	4.00%	0.00%
Goodhue County	46,330	8.60%	7.10%	0.60%
Kenyon City	1,865	8.90%	10.35%	0.00%
Pine Island City	3,629	2.40%	5.62%	0.00%
Wanamingo City	1,117	14.30%	4.10%	0.00%
Zumbrota City	3,452	10.70%	4.78%	1.90%
Le Sueur County	28,425	8.10%	8.21%	0.80%
Elysian City	703	5.10%	2.54%	0.00%
Waterville City	1,841	8.00%	4.91%	0.00%
Olmsted County	156,446	8.00%	18.91%	2.30%
Oronoco City	1,517	1.00%	3.72%	0.00%
Rochester City	117,134	9.50%	23.47%	3.00%
Rice County	66,549	10.10%	19.37%	4.40%
Faribault City	23,853	16.30%	31.18%	10.40%
Morristown City	959	11.50%	9.38%	0.00%
Wabasha County	21,564	7.60%	4.51%	0.80%
Waseca County	18,658	8.00%	9.72%	0.80%

Minority_Tracts

Label	Census Tract 1701, Blue Earth County, Minnesota	Census Tract 1702, Blue Earth County, Minnesota	Census Tract 1703; Blue Earth County; Minnesota	Census Tract 1704; Blue Earth County; Minnesota	Census Tract 807, Goodhue County, Minnesota	Census Tract 808, Goodhue County, Minnesota	Census Tract 809; Goodhue County; Minnesota	Census Tract 9504, Le Sueur County, Minnesota	Census Tract 9505, Le Sueur County, Minnesota	Census Tract 16.03, Olmsted County, Minnesota	Census Tract 17.03; Olmsted County; Minnesota	Census Tract 19.01, Olmsted County, Minnesota	Census Tract 19.02, Olmsted County, Minnesota	Census Tract 703, Rice County, Minnesota	Census Tract 704, Rice County, Minnesota	Census Tract 708.01, Rice County, Minnesota	Census Tract 4902, Wabasha County, Minnesota	Census Tract 4905, Wabasha County, Minnesota	Census Tract 7901, Waseca County, Minnesota	Census Tract 7903, Waseca County, Minnesota
Route Segment Crossed	1D, 1I, 1J, 1O	1A, 1B, 1I	1B	1B	2C, 2F	2C, 3D, 2F, 3A, 4A, 4B, 4C, 4D, 4K	2C	1D, 1E, 1F, 1J, 1K, 1L, 1M	1E	4I, 4J	4I	4F, 4K, 4L, 4M	3A, 3B, 4D, 4E, 4F, 4G, 4H, 4I, 4J, 4N, 4O, 4P, 4Q, 4R	1F, 1L, 1M, 1N	1F, 1N, 2A, 2B, 2C, 2E, 2F, 2G	2A, 2B, 2E	3B, 3C	3B	1K, 1L	1L
Percent Minority	5.45%	9.66%	3.04%	4.16%	6.42%	5.31%	5.79%	3.79%	17.50%	16.35%	5.72%	5.04%	6.00%	5.08%	2.62%	28.96%	1.46%	4.79%	3.19%	3.78%
Total:	5,448	8,140	229	151	3,412	4,517	100	3,666	4,239	4,564	200	3,925	4,835	4,445	4,315	3,854	3,290	3,259	3,541	3,065
Hispanic or Latino	165	271	2,811	4,016	177	107	5,696	79	685	184	5,526	102	175	180	88	250	23	118	81	100
Not Hispanic or Latino:	5,283	7,869	2,650	3,876	3,235	4,410	5,538	3,587	3,554	4,380	5,333	3,823	4,660	4,265	4,227	3,604	3,267	3,141	3,460	2,965
Population of one race:	5,109	7,618	2,442	3,479	3,147	4,243	5,417	3,465	3,442	4,204	4,453	3,671	4,518	4,154	4,113	3,490	3,205	3,076	3,354	2,909
White alone	4,963	7,087	140	283	3,101	4,093	38	3,405	3,380	3,626	383	3,562	4,383	4,091	4,072	2,609	3,176	3,038	3,316	2,887
Black or African American alone	89	303	12	14	26	75	17	35	29	63	16	22	36	14	10	774	13	16	14	5
American Indian and Alaska Native alone	6	25	42	87	11	11	43	19	3	3	460	4	10	3	2	6	1	5	4	0
Asian alone	36	182	2	0	5	45	5	23	495	1	66	69	29	13	86	10	17	9	10	10
Native Hawaiian and Other Pacific Islander alone	1	5	12	0	2	2	18	1	2	1	20	4	0	0	0	0	1	0	5	1
Some Other Race alone	14	16	161	130	4	17	158	0	5	16	193	13	20	17	16	15	4	0	6	6
Population of two or more races:	174	251	158	135	88	167	147	122	112	176	191	152	142	111	114	114	62	65	106	56
Population of two races:	163	240	39	47	86	158	46	117	110	168	20	141	135	110	110	112	56	62	102	56
White; Black or African American	41	55	64	35	10	32	35	19	24	32	30	21	29	18	10	34	5	8	24	9
White; American Indian and Alaska Native	38	39	21	24	41	52	26	46	27	26	89	36	50	28	31	19	28	14	34	17
White; Asian	28	85	1	1	5	16	0	13	10	60	0	27	36	16	21	23	5	23	5	6
White; Native Hawaiian and Other Pacific Islander	4	8	15	0	19	0	40	1	0	0	51	4	0	0	0	0	0	1	0	3
White; Some Other Race	50	52	1	4	28	54	0	35	48	40	1	50	15	46	47	33	17	14	35	19
Black or African American; American Indian and Alaska Native	0	0	4	3	2	0	0	0	0	3	0	0	2	1	0	0	0	0	1	0
Black or African American; Asian	0	0	0	0	0	0	0	0	0	3	0	1	1	0	0	1	0	2	0	0
Black or African American; Native Hawaiian and Other Pacific Islander	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Black or African American; Some Other Race	0	1	0	0	0	2	0	3	1	0	0	0	1	0	1	0	1	0	3	0
American Indian and Alaska Native; Asian	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
American Indian and Alaska Native; Some Other Race	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Asian; Native Hawaiian and Other Pacific Islander	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1
Asian; Some Other Race	0	0	0	0	0	2	0	0	0	4	0	1	0	0	0	2	0	0	0	0
Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	3	3	0	0	11	0	0	0	2	0	0	0	0	0	0	0	0	0
Population of three races:	10	10	2	12	9	9	9	5	0	8	2	11	7	1	2	1	6	3	4	0
White; Black or African American; American Indian and Alaska Native	8	6	1	1	1	7	0	5	0	0	0	4	0	1	1	5	2	0	0	0
White; Black or African American; Asian	0	0	0	0	0	0	1	0	0	7	0	1	0	0	0	0	0	0	0	0

Minority_Tracts

Label	Census Tract 1701, Blue Earth County, Minnesota	Census Tract 1702, Blue Earth County, Minnesota	Census Tract 1703; Blue Earth County; Minnesota	Census Tract 1704; Blue Earth County; Minnesota	Census Tract 807, Goodhue County, Minnesota	Census Tract 808, Goodhue County, Minnesota	Census Tract 809; Goodhue County; Minnesota	Census Tract 9504, Le Sueur County, Minnesota	Census Tract 9505, Le Sueur County, Minnesota	Census Tract 16.03, Olmsted County, Minnesota	Census Tract 17.03; Olmsted County; Minnesota	Census Tract 19.01, Olmsted County, Minnesota	Census Tract 19.02, Olmsted County, Minnesota	Census Tract 703, Rice County, Minnesota	Census Tract 704, Rice County, Minnesota	Census Tract 708.01, Rice County, Minnesota	Census Tract 4902, Wabasha County, Minnesota	Census Tract 4905, Wabasha County, Minnesota	Census Tract 7901, Waseca County, Minnesota	Census Tract 7903, Waseca County, Minnesota
White; Black or African American; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0
White; Black or African American; Some Other Race	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
White; American Indian and Alaska Native; Asian	0	0	0	0	2	0	0	0	0	5	3	0	0	0	0	0	0	4	0	0
White; American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
White; American Indian and Alaska Native; Some Other Race	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
White; Asian; Native Hawaiian and Other Pacific Islander	2	4	0	1	0	0	0	0	0	3	0	0	0	0	0	0	1	1	0	0
White; Asian; Some Other Race	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
White; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Black or African American; American Indian and Alaska Native; Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Black or African American; American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Black or African American; American Indian and Alaska Native; Some Other Race	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Black or African American; Asian; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Black or African American; Asian; Some Other Race	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Black or African American; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
American Indian and Alaska Native; Asian; Some Other Race	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Population of four races:	1	1	0	0	0	0	0	2	0	0	0	0	0	2	1	0	0	0	0	0
White; Black or African American; American Indian and Alaska Native; Asian	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Minority_Tracts

Label	Census Tract 1701, Blue Earth County, Minnesota	Census Tract 1702, Blue Earth County, Minnesota	Census Tract 1703; Blue Earth County; Minnesota	Census Tract 1704; Blue Earth County; Minnesota	Census Tract 807, Goodhue County, Minnesota	Census Tract 808, Goodhue County, Minnesota	Census Tract 809; Goodhue County; Minnesota	Census Tract 9504, Le Sueur County, Minnesota	Census Tract 9505, Le Sueur County, Minnesota	Census Tract 16.03, Olmsted County, Minnesota	Census Tract 17.03; Olmsted County; Minnesota	Census Tract 19.01, Olmsted County, Minnesota	Census Tract 19.02, Olmsted County, Minnesota	Census Tract 703, Rice County, Minnesota	Census Tract 704, Rice County, Minnesota	Census Tract 708.01, Rice County, Minnesota	Census Tract 4902, Wabasha County, Minnesota	Census Tract 4905, Wabasha County, Minnesota	Census Tract 7901, Waseca County, Minnesota	Census Tract 7903, Waseca County, Minnesota
White; Black or African American; American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
White; Black or African American; American Indian and Alaska Native; Some Other Race	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
White; Black or African American; Asian; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
White; Black or African American; Asian; Some Other Race	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
White; Black or African American; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
White; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
White; American Indian and Alaska Native; Asian; Some Other Race	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
White; American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
White; Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Black or African American; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Black or African American; American Indian and Alaska Native; Asian; Some Other Race	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Black or African American; American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Black or African American; Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Population of five races:	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
White; Black or African American; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Minority_Tracts

Label	Census Tract 1701, Blue Earth County, Minnesota	Census Tract 1702, Blue Earth County, Minnesota	Census Tract 1703; Blue Earth County; Minnesota	Census Tract 1704; Blue Earth County; Minnesota	Census Tract 807, Goodhue County, Minnesota	Census Tract 808, Goodhue County, Minnesota	Census Tract 809; Goodhue County; Minnesota	Census Tract 9504, Le Sueur County, Minnesota	Census Tract 9505, Le Sueur County, Minnesota	Census Tract 16.03, Olmsted County, Minnesota	Census Tract 17.03; Olmsted County; Minnesota	Census Tract 19.01, Olmsted County, Minnesota	Census Tract 19.02, Olmsted County, Minnesota	Census Tract 703, Rice County, Minnesota	Census Tract 704, Rice County, Minnesota	Census Tract 708.01, Rice County, Minnesota	Census Tract 4902, Wabasha County, Minnesota	Census Tract 4905, Wabasha County, Minnesota	Census Tract 7901, Waseca County, Minnesota	Census Tract 7903, Waseca County, Minnesota
White; Black or African American; American Indian and Alaska Native; Asian; Some Other Race	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
White; Black or African American; American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
White; Black or African American; Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
White; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Black or African American; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Population of six races:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
White; Black or African American; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Label	Census Tract 1701, Blue Earth County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Families	1,437	±110	4.3%	±2.6	1,105	±111	1.0%	±1.0	220	±64	19.5%	±13.7
With related children of householder under 18 years	648	±78	6.9%	±5.0	408	±62	0.5%	±0.8	148	±54	29.1%	±19.4
With related children of householder under 5 years	120	±38	11.7%	±17.1	92	±28	0.0%	±19.4	20	±25	70.0%	±59.6
With related children of householder under 5 years and 5 to 17 years	134	±42	12.7%	±15.5	102	±35	0.0%	±17.7	17	±21	100.0%	±56.4
With related children of householder 5 to 17 years	394	±67	3.6%	±2.6	214	±43	0.9%	±1.6	111	±49	10.8%	±10.1
RACE AND HISPANIC OR LATINO ORIGIN												
Families with a householder who is--												
White alone	1,402	±118	4.1%	±2.7	1,093	±110	1.0%	±1.0	200	±63	19.0%	±14.7
Black or African American alone	0	±13	-	**	0	±13	-	**	0	±13	-	**
American Indian and Alaska Native alone	0	±13	-	**	0	±13	-	**	0	±13	-	**
Asian alone	8	±12	0.0%	±82.3	8	±12	0.0%	±82.3	0	±13	-	**
Native Hawaiian and Other Pacific Islander alone	0	±13	-	**	0	±13	-	**	0	±13	-	**
Some other race alone	0	±13	-	**	0	±13	-	**	0	±13	-	**
Two or more races	27	±30	18.5%	±28.7	4	±5	0.0%	±100.0	20	±28	25.0%	±44.8
Hispanic or Latino origin (of any race)	70	±42	5.7%	±10.1	15	±17	0.0%	±60.1	55	±39	7.3%	±13.7

Label	Census Tract 1701, Blue Earth County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
White alone, not Hispanic or Latino	1,353	±111	4.2%	±2.8	1,080	±111	1.0%	±1.0	164	±49	23.2%	±16.2
Householder worked	1,163	±105	2.7%	±2.2	893	±102	0.4%	±0.6	161	±53	11.8%	±12.5
Householder worked full-time, year-round in the past 12 months	840	±101	0.2%	±0.4	645	±89	0.3%	±0.5	97	±47	0.0%	±18.5
Householder 65 years and over	261	±49	3.1%	±3.0	226	±45	3.1%	±3.7	34	±26	2.9%	±7.1
Family received --												
Supplemental Security Income (SSI) and/or cash public assistance income in the past 12 months	33	±19	3.0%	±7.2	23	±15	0.0%	±48.5	10	±10	10.0%	±24.4
Social security income in the past 12 months	317	±53	3.5%	±3.6	274	±48	1.8%	±2.7	39	±28	15.4%	±21.8
EDUCATIONAL ATTAINMENT OF HOUSEHOLDER												
Less than high school graduate	24	±16	29.2%	±26.8	9	±8	0.0%	±77.5	13	±12	53.8%	±46.2
High school graduate (includes equivalency)	317	±74	4.4%	±4.5	213	±60	2.3%	±3.0	53	±37	1.9%	±4.6
Some college, associate's degree	550	±83	7.1%	±5.6	374	±69	1.1%	±1.2	128	±55	27.3%	±22.0
Bachelor's degree or higher	546	±81	0.4%	±0.9	509	±80	0.4%	±1.0	26	±15	0.0%	±45.6
NUMBER OF RELATED CHILDREN OF THE HOUSEHOLDER UNDER 18 YEARS												
No child	789	±109	2.2%	±2.1	697	±101	1.3%	±1.4	72	±45	0.0%	±23.9
1 or 2 children	483	±78	4.8%	±5.0	286	±52	0.0%	±6.8	120	±52	19.2%	±18.9
3 or 4 children	147	±42	6.1%	±6.1	117	±32	1.7%	±2.9	15	±12	46.7%	±38.8

Label	Census Tract 1701, Blue Earth County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
5 or more children	18	±20	72.2%	±50.1	5	±7	0.0%	±100.0	13	±20	100.0%	±64.5
NUMBER OF OWN CHILDREN OF THE HOUSEHOLDER UNDER 18 YEARS												
No own child of the householder	818	±108	2.2%	±2.0	720	±101	1.3%	±1.4	78	±45	1.3%	±3.1
1 or 2 own children of the householder	454	±77	4.8%	±5.4	263	±52	0.0%	±7.3	114	±53	19.3%	±19.9
3 or 4 own children of the householder	147	±42	6.1%	±6.1	117	±32	1.7%	±2.9	15	±12	46.7%	±38.8
5 or more own children of the householder	18	±20	72.2%	±50.1	5	±7	0.0%	±100.0	13	±20	100.0%	±64.5
NUMBER OF PEOPLE IN FAMILY												
2 people	739	±112	2.4%	±2.2	580	±93	1.6%	±1.7	83	±37	1.2%	±2.9
3 or 4 people	540	±83	4.8%	±4.8	383	±71	0.0%	±5.1	121	±54	21.5%	±19.7
5 or 6 people	153	±37	11.8%	±12.8	137	±37	1.5%	±2.5	16	±20	100.0%	±58.2
7 or more people	5	±7	0.0%	±100.0	5	±7	0.0%	±100.0	0	±13	-	**
NUMBER OF WORKERS IN FAMILY												
No workers	140	±47	22.1%	±17.4	107	±41	6.5%	±7.9	33	±26	72.7%	±32.1
1 worker	340	±65	5.0%	±6.2	135	±37	3.0%	±4.4	119	±47	10.9%	±16.2
2 workers	810	±104	1.7%	±1.9	727	±95	0.0%	±2.7	58	±40	10.3%	±13.3
3 or more workers	147	±59	0.0%	±12.7	136	±58	0.0%	±13.6	10	±15	0.0%	±73.6
INCOME DEFICIT												
Mean income deficit for families (dollars)	N	N	(X)	(X)	N	N	(X)	(X)	N	N	(X)	(X)
TENURE												
Owner occupied	1,054	±101	2.2%	±1.4	892	±99	1.2%	±1.2	83	±39	14.5%	±12.4
Renter Occupied	383	±78	10.2%	±8.6	213	±70	0.0%	±9.0	137	±48	22.6%	±20.7
ALL FAMILIES WITH INCOME BELOW THE FOLLOWING POVERTY RATIOS												
50 percent of poverty level	37	±30	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

Label	Census Tract 1701, Blue Earth County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
125 percent of poverty level	92	±38	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
150 percent of poverty level	133	±50	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
185 percent of poverty level	201	±56	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
200 percent of poverty level	236	±56	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
300 percent of poverty level	403	±60	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
400 percent of poverty level	591	±67	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
500 percent of poverty level	869	±93	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

Label	Census Tract 1702, Blue Earth County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Families	2,065	±287	7.9%	±4.5	1,680	±270	5.7%	±4.8	303	±132	22.4%	±15.9
With related children of householder under 18 years	983	±174	15.9%	±8.6	721	±169	12.2%	±10.3	211	±92	32.2%	±23.8
With related children of householder under 5 years	270	±133	6.3%	±9.5	232	±129	7.3%	±11.4	10	±17	0.0%	±73.6
With related children of householder under 5 years and 5 to 17 years	175	±105	29.7%	±32.6	156	±101	33.3%	±35.7	19	±28	0.0%	±53.4
With related children of householder 5 to 17 years	538	±120	16.2%	±10.7	333	±88	5.7%	±8.3	182	±86	37.4%	±26.8
RACE AND HISPANIC OR LATINO ORIGIN												
Families with a householder who is--												
White alone	1,971	±277	8.3%	±4.7	1,601	±263	5.9%	±5.0	288	±130	23.6%	±16.4
Black or African American alone	22	±31	0.0%	±49.6	22	±31	0.0%	±49.6	0	±13	-	**
American Indian and Alaska Native alone	19	±14	0.0%	±53.4	19	±14	0.0%	±53.4	0	±13	-	**
Asian alone	32	±30	0.0%	±41.1	17	±21	0.0%	±56.4	15	±24	0.0%	±60.1
Native Hawaiian and Other Pacific Islander alone	0	±13	-	**	0	±13	-	**	0	±13	-	**
Some other race alone	0	±13	-	**	0	±13	-	**	0	±13	-	**
Two or more races	21	±19	0.0%	±50.8	21	±19	0.0%	±50.8	0	±13	-	**
Hispanic or Latino origin (of any race)	11	±15	0.0%	±70.1	7	±12	0.0%	±87.9	4	±7	0.0%	±100.0

Label	Census Tract 1702, Blue Earth County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
White alone, not Hispanic or Latino	1,967	±277	8.3%	±4.7	1,601	±263	5.9%	±5.0	284	±129	23.9%	±16.6
Householder worked	1,558	±214	6.9%	±5.5	1,213	±194	5.7%	±6.1	264	±117	14.4%	±14.9
Householder worked full-time, year-round in the past 12 months	1,102	±185	6.0%	±6.5	948	±189	5.5%	±7.2	92	±50	15.2%	±22.4
Householder 65 years and over	532	±192	0.9%	±1.1	519	±192	1.0%	±1.1	12	±15	0.0%	±67.2
Family received --												
Supplemental Security Income (SSI) and/or cash public assistance income in the past 12 months	89	±83	0.0%	±20.0	55	±72	0.0%	±29.6	18	±25	0.0%	±54.8
Social security income in the past 12 months	596	±195	0.8%	±1.1	565	±193	0.9%	±1.1	30	±29	0.0%	±42.5
EDUCATIONAL ATTAINMENT OF HOUSEHOLDER												
Less than high school graduate	46	±45	0.0%	±33.6	37	±42	0.0%	±38.2	9	±14	0.0%	±77.5
High school graduate (includes equivalency)	465	±225	10.3%	±11.3	357	±212	1.1%	±1.6	108	±84	40.7%	±37.9
Some college, associate's degree	746	±195	10.3%	±10.4	543	±141	9.8%	±12.5	148	±103	16.2%	±24.7
Bachelor's degree or higher	808	±175	4.7%	±4.4	743	±172	5.1%	±4.8	38	±38	0.0%	±37.7
NUMBER OF RELATED CHILDREN OF THE HOUSEHOLDER UNDER 18 YEARS												
No child	1,082	±233	0.6%	±0.6	959	±216	0.7%	±0.7	92	±83	0.0%	±19.4
1 or 2 children	898	±193	17.4%	±9.4	644	±173	13.7%	±11.5	203	±94	33.5%	±24.6
3 or 4 children	80	±57	0.0%	±21.9	72	±55	0.0%	±23.9	8	±13	0.0%	±82.3

Label	Census Tract 1702, Blue Earth County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
5 or more children	5	±8	0.0%	±100.0	5	±8	0.0%	±100.0	0	±13	-	**
NUMBER OF OWN CHILDREN OF THE HOUSEHOLDER UNDER 18 YEARS												
No own child of the householder	1,140	±240	3.3%	±4.0	965	±216	0.8%	±0.7	144	±113	20.8%	±26.0
1 or 2 own children of the householder	840	±197	14.9%	±9.7	638	±172	13.6%	±11.4	151	±84	25.2%	±24.8
3 or 4 own children of the householder	80	±57	0.0%	±21.9	72	±55	0.0%	±23.9	8	±13	0.0%	±82.3
5 or more own children of the householder	5	±8	0.0%	±100.0	5	±8	0.0%	±100.0	0	±13	-	**
NUMBER OF PEOPLE IN FAMILY												
2 people	1,118	±241	4.0%	±3.7	848	±212	0.8%	±0.8	191	±101	19.9%	±20.7
3 or 4 people	822	±179	12.0%	±9.1	707	±174	9.8%	±10.0	112	±84	26.8%	±36.4
5 or 6 people	114	±66	16.7%	±23.8	114	±66	16.7%	±23.8	0	±13	-	**
7 or more people	11	±14	0.0%	±70.1	11	±14	0.0%	±70.1	0	±13	-	**
NUMBER OF WORKERS IN FAMILY												
No workers	368	±208	10.1%	±13.8	338	±202	2.1%	±2.3	30	±47	100.0%	±42.5
1 worker	414	±121	9.4%	±9.1	192	±73	0.5%	±1.4	185	±86	20.5%	±20.1
2 workers	1,110	±197	7.8%	±7.1	980	±181	8.9%	±8.0	88	±87	0.0%	±20.2
3 or more workers	173	±65	0.0%	±10.9	170	±65	0.0%	±11.1	0	±13	-	**
INCOME DEFICIT												
Mean income deficit for families (dollars)	5,232	±1,708	(X)	(X)	6,062	±2,030	(X)	(X)	4,072	±2,923	(X)	(X)
TENURE												
Owner occupied	1,737	±269	9.4%	±5.4	1,545	±264	6.1%	±5.2	168	±77	40.5%	±26.4
Renter Occupied	328	±114	0.0%	±5.9	135	±66	0.0%	±13.7	135	±107	0.0%	±13.7
ALL FAMILIES WITH INCOME BELOW THE FOLLOWING POVERTY RATIOS												
50 percent of poverty level	18	±26	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

Label	Census Tract 1702, Blue Earth County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
125 percent of poverty level	266	±121	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
150 percent of poverty level	290	±119	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
185 percent of poverty level	382	±149	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
200 percent of poverty level	411	±153	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
300 percent of poverty level	554	±167	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
400 percent of poverty level	753	±175	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
500 percent of poverty level	1,328	±286	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

Label	Census Tract 1703, Blue Earth County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Families	696	±132	16.50%	±12.6	420	±130	0.00%	±4.6	172	±103	48.30%	±30.6
With related children of householder under 18 years	498	±118	23.10%	±16.5	257	±106	0.00%	±7.5	155	±102	53.50%	±32.1
With related children of householder under 5 years	233	±128	39.90%	±29.1	111	±94	0.00%	±16.4	61	±79	100.00%	±27.3
With related children of householder under 5 years and 5 to 17 years	84	±58	13.10%	±20.8	48	±32	0.00%	±32.7	11	±18	100.00%	±70.1
With related children of householder 5 to 17 years	181	±78	6.10%	±9.0	98	±60	0.00%	±18.4	83	±58	13.30%	±19.5
RACE AND HISPANIC OR LATINO ORIGIN												
Families with a householder who is--												
White alone	609	±143	11.80%	±12.7	401	±128	0.00%	±4.9	161	±102	44.70%	±33.2
Black or African American alone	11	±18	100.00%	±70.1	0	±9	-	**	11	±18	100.00%	±70.1
American Indian and Alaska Native alone	10	±16	0.00%	±73.6	10	±16	0.00%	±73.6	0	±9	-	**
Asian alone	9	±15	0.00%	±77.5	9	±15	0.00%	±77.5	0	±9	-	**
Native Hawaiian and Other Pacific Islander alone	0	±9	-	**	0	±9	-	**	0	±9	-	**
Some other race alone	32	±48	100.00%	±41.1	0	±9	-	**	0	±9	-	**
Two or more races	25	±41	0.00%	±46.5	0	±9	-	**	0	±9	-	**
Hispanic or Latino origin (of any race)	57	±54	56.10%	±56.1	25	±30	0.00%	±46.5	0	±9	-	**

Label	Census Tract 1703, Blue Earth County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
White alone, not Hispanic or Latino	584	±141	12.30%	±13.2	376	±126	0.00%	±5.2	161	±102	44.70%	±33.2
Householder worked	582	±133	15.80%	±14.3	336	±123	0.00%	±5.8	142	±100	42.30%	±37.6
Householder worked full-time, year-round in the past 12 months	391	±132	8.20%	±11.9	249	±114	0.00%	±7.7	67	±56	0.00%	±25.4
Householder 65 years and over	89	±35	0.00%	±20.0	82	±32	0.00%	±21.4	7	±11	0.00%	±87.9
Family received --												
Supplemental Security Income (SSI) and/or cash public assistance income in the past 12 months	26	±23	42.30%	±52.6	7	±12	0.00%	±87.9	11	±16	100.00%	±70.1
Social security income in the past 12 months	123	±42	0.00%	±15.0	91	±35	0.00%	±19.6	24	±21	0.00%	±47.5
EDUCATIONAL ATTAINMENT OF HOUSEHOLDER												
Less than high school graduate	90	±93	35.60%	±51.5	58	±82	0.00%	±28.4	0	±9	-	**
High school graduate (includes equivalency)	159	±74	6.90%	±10.9	65	±40	0.00%	±26.0	86	±61	12.80%	±20.0
Some college, associate's degree	303	±95	23.80%	±23.4	175	±70	0.00%	±10.8	72	±81	100.00%	±23.9
Bachelor's degree or higher	144	±68	0.00%	±12.9	122	±67	0.00%	±15.1	14	±15	0.00%	±62.2
NUMBER OF RELATED CHILDREN OF THE HOUSEHOLDER UNDER 18 YEARS												
No child	198	±71	0.00%	±9.6	163	±65	0.00%	±11.5	17	±18	0.00%	±56.4
1 or 2 children	449	±117	23.20%	±18.2	219	±104	0.00%	±8.7	144	±101	50.00%	±35.1
3 or 4 children	49	±32	22.40%	±31.9	38	±29	0.00%	±37.7	11	±18	100.00%	±70.1

Label	Census Tract 1703, Blue Earth County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
5 or more children	0 ±9		-	**	0 ±9		-	**	0 ±9		-	**
NUMBER OF OWN CHILDREN OF THE HOUSEHOLDER UNDER 18 YEARS												
No own child of the householder	230 ±78		4.80% ±6.6		177 ±67		0.00% ±10.7		35 ±26		31.40% ±41.1	
1 or 2 own children of the householder	423 ±121		22.00% ±19.0		211 ±102		0.00% ±9.0		126 ±99		48.40% ±40.0	
3 or 4 own children of the householder	43 ±30		25.60% ±35.8		32 ±27		0.00% ±41.1		11 ±18		100.00% ±70.1	
5 or more own children of the householder	0 ±9		-	**	0 ±9		-	**	0 ±9		-	**
NUMBER OF PEOPLE IN FAMILY												
2 people	240 ±91		4.60% ±6.4		145 ±61		0.00% ±12.9		77 ±57		14.30% ±21.6	
3 or 4 people	409 ±114		25.40% ±19.1		237 ±108		0.00% ±8.1		86 ±82		83.70% ±25.6	
5 or 6 people	47 ±32		0.00% ±33.1		38 ±29		0.00% ±37.7		9 ±13		0.00% ±77.5	
7 or more people	0 ±9		-	**	0 ±9		-	**	0 ±9		-	**
NUMBER OF WORKERS IN FAMILY												
No workers	48 ±30		47.90% ±36.4		25 ±19		0.00% ±46.5		23 ±24		100.00% ±48.5	
1 worker	270 ±96		22.20% ±26.2		89 ±43		0.00% ±20.0		119 ±95		50.40% ±43.2	
2 workers	361 ±115		8.90% ±12.8		298 ±113		0.00% ±6.5		21 ±18		0.00% ±50.8	
3 or more workers	17 ±19		0.00% ±56.4		8 ±14		0.00% ±82.3		9 ±13		0.00% ±77.5	
INCOME DEFICIT												
Mean income deficit for families (dollars)	N	N	(X)	(X)	N	N	(X)	(X)	N	N	(X)	(X)
TENURE												
Owner occupied	497 ±129		6.40% ±9.4		374 ±124		0.00% ±5.2		40 ±27		0.00% ±36.7	
Renter Occupied	199 ±97		41.70% ±30.0		46 ±33		0.00% ±33.6		132 ±95		62.90% ±37.0	
ALL FAMILIES WITH INCOME BELOW THE FOLLOWING POVERTY RATIOS												
50 percent of poverty level	23 ±26		(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

Label	Census Tract 1703, Blue Earth County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
125 percent of poverty level	128	±90	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
150 percent of poverty level	128	±90	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
185 percent of poverty level	181	±96	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
200 percent of poverty level	244	±105	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
300 percent of poverty level	358	±103	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
400 percent of poverty level	453	±100	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
500 percent of poverty level	480	±98	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

Label	Census Tract 1704, Blue Earth County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Families	895	±157	1.80%	±2.0	717	±126	1.10%	±2.0	48	±27	16.70%	±22.8
With related children of householder under 18 years	404	±141	0.00%	±4.8	284	±106	0.00%	±6.8	10	±17	0.00%	±73.6
With related children of householder under 5 years	61	±47	0.00%	±27.3	44	±37	0.00%	±34.6	0	±9	-	**
With related children of householder under 5 years and 5 to 17 years	208	±139	0.00%	±9.2	134	±100	0.00%	±13.8	10	±17	0.00%	±73.6
With related children of householder 5 to 17 years	135	±75	0.00%	±13.7	106	±64	0.00%	±17.1	0	±9	-	**
RACE AND HISPANIC OR LATINO ORIGIN												
Families with a householder who is--												
White alone	758	±139	2.10%	±2.4	580	±105	1.40%	±2.5	48	±27	16.70%	±22.8
Black or African American alone	137	±92	0.00%	±13.6	137	±92	0.00%	±13.6	0	±9	-	**
American Indian and Alaska Native alone	0	±9	-	**	0	±9	-	**	0	±9	-	**
Asian alone	0	±9	-	**	0	±9	-	**	0	±9	-	**
Native Hawaiian and Other Pacific Islander alone	0	±9	-	**	0	±9	-	**	0	±9	-	**
Some other race alone	0	±9	-	**	0	±9	-	**	0	±9	-	**
Two or more races	0	±9	-	**	0	±9	-	**	0	±9	-	**
Hispanic or Latino origin (of any race)	1	±3	0.00%	±100.0	1	±3	0.00%	±100.0	0	±9	-	**

Label	Census Tract 1704, Blue Earth County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
White alone, not Hispanic or Latino	757	±139	2.10%	±2.4	579	±105	1.40%	±2.5	48	±27	16.70%	±22.8
Householder worked	641	±156	1.20%	±1.9	487	±119	0.00%	±4.0	32	±24	25.00%	±32.2
Householder worked full-time, year-round in the past 12 months	437	±164	0.00%	±4.5	326	±120	0.00%	±5.9	18	±17	0.00%	±54.8
Householder 65 years and over	316	±69	2.50%	±4.7	280	±69	2.90%	±5.3	16	±17	0.00%	±58.2
Family received --												
Supplemental Security Income (SSI) and/or cash public assistance income in the past 12 months	16	±18	0.00%	±58.2	10	±14	0.00%	±73.6	6	±10	0.00%	±95.0
Social security income in the past 12 months	314	±71	2.50%	±4.8	278	±69	2.90%	±5.4	16	±17	0.00%	±58.2
EDUCATIONAL ATTAINMENT OF HOUSEHOLDER												
Less than high school graduate	11	±15	0.00%	±70.1	11	±15	0.00%	±70.1	0	±9	-	**
High school graduate (includes equivalency)	351	±148	2.30%	±4.4	262	±121	3.10%	±5.9	8	±12	0.00%	±82.3
Some college, associate's degree	184	±62	0.00%	±10.3	144	±58	0.00%	±12.9	16	±20	0.00%	±58.2
Bachelor's degree or higher	349	±108	2.30%	±3.6	300	±102	0.00%	±6.4	24	±21	33.30%	±43.0
NUMBER OF RELATED CHILDREN OF THE HOUSEHOLDER UNDER 18 YEARS												
No child	491	±87	3.30%	±3.8	433	±90	1.80%	±3.4	38	±24	21.10%	±29.4
1 or 2 children	225	±99	0.00%	±8.5	169	±80	0.00%	±11.1	10	±17	0.00%	±73.6
3 or 4 children	179	±139	0.00%	±10.6	115	±101	0.00%	±15.9	0	±9	-	**

Label	Census Tract 1704, Blue Earth County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
5 or more children	0	±9	-	**	0	±9	-	**	0	±9	-	**
NUMBER OF OWN CHILDREN OF THE HOUSEHOLDER UNDER 18 YEARS												
No own child of the householder	511	±86	3.10%	±3.6	436	±89	1.80%	±3.4	38	±24	21.10%	±29.4
1 or 2 own children of the householder	205	±94	0.00%	±9.3	166	±80	0.00%	±11.3	10	±17	0.00%	±73.6
3 or 4 own children of the householder	179	±139	0.00%	±10.6	115	±101	0.00%	±15.9	0	±9	-	**
5 or more own children of the householder	0	±9	-	**	0	±9	-	**	0	±9	-	**
NUMBER OF PEOPLE IN FAMILY												
2 people	411	±88	3.90%	±4.6	340	±83	2.40%	±4.3	34	±23	23.50%	±33.8
3 or 4 people	245	±72	0.00%	±7.8	202	±65	0.00%	±9.4	14	±19	0.00%	±62.2
5 or 6 people	239	±138	0.00%	±8.0	175	±102	0.00%	±10.8	0	±9	-	**
7 or more people	0	±9	-	**	0	±9	-	**	0	±9	-	**
NUMBER OF WORKERS IN FAMILY												
No workers	170	±57	4.70%	±8.5	154	±52	5.20%	±9.3	8	±12	0.00%	±82.3
1 worker	232	±113	3.40%	±5.0	113	±58	0.00%	±16.2	26	±23	30.80%	±44.4
2 workers	377	±133	0.00%	±5.2	338	±138	0.00%	±5.7	10	±12	0.00%	±73.6
3 or more workers	116	±61	0.00%	±15.8	112	±64	0.00%	±16.3	4	±8	0.00%	±100.0
INCOME DEFICIT												
Mean income deficit for families (dollars)	N	N	(X)	(X)	N	N	(X)	(X)	N	N	(X)	(X)
TENURE												
Owner occupied	630	±138	2.50%	±2.9	464	±93	1.70%	±3.1	36	±28	22.20%	±30.0
Renter Occupied	265	±109	0.00%	±7.3	253	±108	0.00%	±7.6	12	±14	0.00%	±67.2
ALL FAMILIES WITH INCOME BELOW THE FOLLOWING POVERTY RATIOS												
50 percent of poverty level	8	±12	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

Label	Census Tract 1704, Blue Earth County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
125 percent of poverty level	16	±19	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
150 percent of poverty level	172	±106	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
185 percent of poverty level	241	±146	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
200 percent of poverty level	251	±148	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
300 percent of poverty level	381	±156	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
400 percent of poverty level	489	±146	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
500 percent of poverty level	619	±149	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

Label	Census Tract 807, Goodhue County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Families	950	±87	6.3%	±3.3	742	±77	2.3%	±1.3	133	±42	29.3%	±17.4
With related children of householder under 18 years	357	±48	12.3%	±7.8	227	±33	0.9%	±1.4	86	±40	45.3%	±21.5
With related children of householder under 5 years	51	±31	41.2%	±31.8	20	±10	0.0%	±52.0	25	±27	84.0%	±27.2
With related children of householder under 5 years and 5 to 17 years	43	±15	11.6%	±13.4	34	±15	2.9%	±6.2	4	±6	100.0%	±100.0
With related children of householder 5 to 17 years	263	±41	6.8%	±5.3	173	±31	0.6%	±1.2	57	±28	24.6%	±19.9
RACE AND HISPANIC OR LATINO ORIGIN												
Families with a householder who is--												
White alone	914	±82	4.6%	±2.1	736	±76	2.3%	±1.3	103	±28	20.4%	±12.7
Black or African American alone	12	±19	0.0%	±67.2	0	±9	-	**	12	±19	0.0%	±67.2
American Indian and Alaska Native alone	0	±9	-	**	0	±9	-	**	0	±9	-	**
Asian alone	19	±26	94.7%	±15.8	1	±2	0.0%	±100.0	18	±26	100.0%	±54.8
Native Hawaiian and Other Pacific Islander alone	0	±9	-	**	0	±9	-	**	0	±9	-	**
Some other race alone	2	±3	0.0%	±100.0	2	±3	0.0%	±100.0	0	±9	-	**
Two or more races	3	±6	0.0%	±100.0	3	±6	0.0%	±100.0	0	±9	-	**
Hispanic or Latino origin (of any race)	10	±11	0.0%	±73.6	5	±6	0.0%	±100.0	0	±9	-	**

Label	Census Tract 807, Goodhue County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
White alone, not Hispanic or Latino	906	±82	4.6%	±2.1	733	±77	2.3%	±1.3	103	±28	20.4%	±12.7
Householder worked	744	±61	4.2%	±2.3	579	±61	1.2%	±1.0	95	±32	21.1%	±13.8
Householder worked full-time, year-round in the past 12 months	501	±55	1.4%	±1.2	393	±51	0.0%	±5.0	57	±22	7.0%	±7.7
Householder 65 years and over	259	±52	3.1%	±2.7	225	±49	3.6%	±3.2	28	±12	0.0%	±44.0
Family received --												
Supplemental Security Income (SSI) and/or cash public assistance income in the past 12 months	68	±39	27.9%	±29.5	36	±26	0.0%	±38.8	31	±26	61.3%	±43.2
Social security income in the past 12 months	306	±56	3.9%	±2.7	266	±53	4.1%	±3.0	27	±12	0.0%	±44.8
EDUCATIONAL ATTAINMENT OF HOUSEHOLDER												
Less than high school graduate	43	±21	11.6%	±11.7	23	±15	4.3%	±8.9	4	±6	25.0%	±60.4
High school graduate (includes equivalency)	324	±60	4.3%	±2.8	256	±55	3.9%	±3.4	35	±25	8.6%	±13.6
Some college, associate's degree	320	±46	5.6%	±4.6	259	±42	1.5%	±1.7	42	±20	33.3%	±25.1
Bachelor's degree or higher	263	±44	8.7%	±9.3	204	±32	1.0%	±1.5	52	±30	40.4%	±33.6
NUMBER OF RELATED CHILDREN OF THE HOUSEHOLDER UNDER 18 YEARS												
No child	593	±69	2.7%	±1.5	515	±69	2.9%	±1.8	47	±18	0.0%	±33.1
1 or 2 children	285	±48	14.4%	±9.4	163	±35	0.0%	±11.5	80	±41	47.5%	±23.2
3 or 4 children	66	±18	1.5%	±3.8	58	±17	0.0%	±28.4	6	±5	16.7%	±39.0

Label	Census Tract 807, Goodhue County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
5 or more children	6	±5	33.3%	±56.3	6	±5	33.3%	±56.3	0	±9	-	**
NUMBER OF OWN CHILDREN OF THE HOUSEHOLDER UNDER 18 YEARS												
No own child of the householder	608	±71	2.8%	±1.5	524	±70	2.9%	±1.7	48	±18	2.1%	±5.0
1 or 2 own children of the householder	272	±52	14.7%	±9.7	156	±38	0.0%	±12.0	79	±40	46.8%	±23.7
3 or 4 own children of the householder	64	±18	1.6%	±3.9	56	±17	0.0%	±29.2	6	±5	16.7%	±39.0
5 or more own children of the householder	6	±5	33.3%	±56.3	6	±5	33.3%	±56.3	0	±9	-	**
NUMBER OF PEOPLE IN FAMILY												
2 people	501	±74	9.4%	±6.1	382	±60	3.9%	±2.4	74	±35	43.2%	±25.8
3 or 4 people	353	±51	2.8%	±2.7	270	±47	0.0%	±7.1	54	±25	11.1%	±13.4
5 or 6 people	86	±23	1.2%	±2.9	80	±22	0.0%	±21.9	5	±6	20.0%	±40.9
7 or more people	10	±7	20.0%	±37.2	10	±7	20.0%	±37.2	0	±9	-	**
NUMBER OF WORKERS IN FAMILY												
No workers	131	±45	20.6%	±18.2	103	±39	7.8%	±8.1	24	±26	79.2%	±37.9
1 worker	230	±49	13.0%	±7.0	120	±30	5.8%	±5.2	57	±22	33.3%	±19.4
2 workers	442	±63	0.0%	±4.4	391	±64	0.0%	±5.0	34	±24	0.0%	±39.9
3 or more workers	147	±33	2.0%	±3.1	128	±32	1.6%	±2.5	18	±11	5.6%	±13.4
INCOME DEFICIT												
Mean income deficit for families (dollars)	N	N	(X)	(X)	N	N	(X)	(X)	N	N	(X)	(X)
TENURE												
Owner occupied	839	±82	3.7%	±1.5	706	±77	2.3%	±1.3	77	±21	14.3%	±8.9
Renter Occupied	111	±46	26.1%	±22.5	36	±14	2.8%	±6.1	56	±38	50.0%	±36.2
ALL FAMILIES WITH INCOME BELOW THE FOLLOWING POVERTY RATIOS												
50 percent of poverty level	7	±5	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

Label	Census Tract 807, Goodhue County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
125 percent of poverty level	89	±41	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
150 percent of poverty level	98	±42	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
185 percent of poverty level	153	±46	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
200 percent of poverty level	166	±48	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
300 percent of poverty level	331	±58	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
400 percent of poverty level	481	±59	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
500 percent of poverty level	582	±63	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

Label	Census Tract 808, Goodhue County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Families	1,127	±98	2.3%	±1.8	897	±107	2.5%	±2.1	154	±85	2.6%	±6.1
With related children of householder under 18 years	663	±97	2.0%	±2.6	475	±80	1.9%	±3.1	118	±79	3.4%	±9.2
With related children of householder under 5 years	86	±37	0.0%	±20.6	86	±37	0.0%	±20.6	0	±9	-	**
With related children of householder under 5 years and 5 to 17 years	155	±90	0.0%	±12.1	75	±39	0.0%	±23.1	68	±79	0.0%	±25.1
With related children of householder 5 to 17 years	422	±94	3.1%	±4.0	314	±77	2.9%	±4.8	50	±33	8.0%	±15.7
RACE AND HISPANIC OR LATINO ORIGIN												
Families with a householder who is--												
White alone	1,108	±98	2.3%	±1.8	878	±105	2.4%	±2.1	154	±85	2.6%	±6.1
Black or African American alone	0	±9	-	**	0	±9	-	**	0	±9	-	**
American Indian and Alaska Native alone	0	±9	-	**	0	±9	-	**	0	±9	-	**
Asian alone	0	±9	-	**	0	±9	-	**	0	±9	-	**
Native Hawaiian and Other Pacific Islander alone	0	±9	-	**	0	±9	-	**	0	±9	-	**
Some other race alone	0	±9	-	**	0	±9	-	**	0	±9	-	**
Two or more races	19	±20	5.3%	±16.6	19	±20	5.3%	±16.6	0	±9	-	**
Hispanic or Latino origin (of any race)	23	±31	0.0%	±48.5	1	±3	0.0%	±100.0	0	±9	-	**

Label	Census Tract 808, Goodhue County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
White alone, not Hispanic or Latino	1,086	±97	2.3%	±1.9	878	±105	2.4%	±2.1	154	±85	2.6%	±6.1
Householder worked	962	±108	1.9%	±1.9	739	±103	1.9%	±2.2	149	±85	2.7%	±6.5
Householder worked full-time, year-round in the past 12 months	675	±84	1.3%	±1.6	466	±81	1.1%	±1.5	135	±84	3.0%	±7.3
Householder 65 years and over	177	±49	4.0%	±5.5	145	±46	4.8%	±7.0	6	±8	0.0%	±95.0
Family received --												
Supplemental Security Income (SSI) and/or cash public assistance income in the past 12 months	44	±30	0.0%	±34.6	35	±23	0.0%	±39.3	9	±13	0.0%	±77.5
Social security income in the past 12 months	240	±70	0.8%	±1.5	232	±69	0.9%	±1.5	6	±8	0.0%	±95.0
EDUCATIONAL ATTAINMENT OF HOUSEHOLDER												
Less than high school graduate	45	±37	0.0%	±34.1	8	±11	0.0%	±82.3	2	±3	0.0%	±100.0
High school graduate (includes equivalency)	260	±89	4.2%	±5.6	214	±80	5.1%	±7.0	29	±32	0.0%	±43.2
Some college, associate's degree	376	±95	4.0%	±4.2	270	±66	4.1%	±4.2	96	±77	4.2%	±12.4
Bachelor's degree or higher	446	±80	0.0%	±4.4	405	±77	0.0%	±4.8	27	±21	0.0%	±44.8
NUMBER OF RELATED CHILDREN OF THE HOUSEHOLDER UNDER 18 YEARS												
No child	464	±70	2.8%	±2.5	422	±75	3.1%	±2.8	36	±32	0.0%	±38.8
1 or 2 children	575	±105	2.3%	±2.9	390	±90	2.3%	±3.7	117	±79	3.4%	±9.3
3 or 4 children	84	±32	0.0%	±21.0	81	±31	0.0%	±21.7	1	±4	0.0%	±100.0

Label	Census Tract 808, Goodhue County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
5 or more children	4	±6	0.0%	±100.0	4	±6	0.0%	±100.0	0	±9	-	**
NUMBER OF OWN CHILDREN OF THE HOUSEHOLDER UNDER 18 YEARS												
No own child of the householder	491	±76	2.6%	±2.4	425	±75	3.1%	±2.8	36	±32	0.0%	±38.8
1 or 2 own children of the householder	548	±100	2.4%	±3.1	387	±89	2.3%	±3.8	117	±79	3.4%	±9.3
3 or 4 own children of the householder	84	±32	0.0%	±21.0	81	±31	0.0%	±21.7	1	±4	0.0%	±100.0
5 or more own children of the householder	4	±6	0.0%	±100.0	4	±6	0.0%	±100.0	0	±9	-	**
NUMBER OF PEOPLE IN FAMILY												
2 people	396	±78	3.3%	±2.9	350	±65	3.7%	±3.4	26	±22	0.0%	±45.6
3 or 4 people	581	±87	2.2%	±2.9	423	±91	2.1%	±3.4	128	±83	3.1%	±7.9
5 or 6 people	122	±62	0.0%	±15.1	96	±55	0.0%	±18.7	0	±9	-	**
7 or more people	28	±24	0.0%	±44.0	28	±24	0.0%	±44.0	0	±9	-	**
NUMBER OF WORKERS IN FAMILY												
No workers	71	±30	11.3%	±13.2	67	±30	11.9%	±14.9	2	±4	0.0%	±100.0
1 worker	326	±87	1.2%	±2.6	165	±54	0.0%	±11.4	113	±79	3.5%	±9.6
2 workers	535	±101	2.6%	±3.0	520	±100	2.7%	±3.1	13	±14	0.0%	±64.5
3 or more workers	195	±60	0.0%	±9.7	145	±49	0.0%	±12.9	26	±31	0.0%	±45.6
INCOME DEFICIT												
Mean income deficit for families (dollars)	N	N	(X)	(X)	N	N	(X)	(X)	N	N	(X)	(X)
TENURE												
Owner occupied	883	±103	2.9%	±2.3	789	±100	2.8%	±2.4	44	±29	9.1%	±15.7
Renter Occupied	244	±109	0.0%	±7.9	108	±62	0.0%	±16.8	110	±85	0.0%	±16.6
ALL FAMILIES WITH INCOME BELOW THE FOLLOWING POVERTY RATIOS												
50 percent of poverty level	11	±11	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

Label	Census Tract 808, Goodhue County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
125 percent of poverty level	29	±22	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
150 percent of poverty level	52	±35	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
185 percent of poverty level	104	±54	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
200 percent of poverty level	189	±86	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
300 percent of poverty level	332	±100	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
400 percent of poverty level	567	±114	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
500 percent of poverty level	737	±104	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

Label	Census Tract 809, Goodhue County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Families	1,872	±184	5.1%	±3.0	1,618	±177	1.7%	±1.7	194	±79	32.5%	±19.5
With related children of householder under 18 years	812	±116	8.7%	±5.3	589	±106	0.5%	±0.7	181	±77	34.8%	±20.7
With related children of householder under 5 years	172	±76	1.7%	±2.6	165	±74	0.0%	±11.4	7	±8	42.9%	±57.1
With related children of householder under 5 years and 5 to 17 years	136	±56	24.3%	±20.4	101	±50	3.0%	±4.6	35	±29	85.7%	±24.4
With related children of householder 5 to 17 years	504	±105	6.9%	±6.4	323	±87	0.0%	±6.0	139	±73	21.6%	±20.7
RACE AND HISPANIC OR LATINO ORIGIN												
Families with a householder who is--												
White alone	1,837	±186	5.2%	±3.0	1,593	±178	1.8%	±1.7	184	±77	33.7%	±20.4
Black or African American alone	2	±4	50.0%	±50.0	1	±2	0.0%	±100.0	1	±2	100.0%	±100.0
American Indian and Alaska Native alone	9	±13	0.0%	±77.5	0	±13	-	**	9	±13	0.0%	±77.5
Asian alone	16	±20	0.0%	±58.2	16	±20	0.0%	±58.2	0	±13	-	**
Native Hawaiian and Other Pacific Islander alone	0	±13	-	**	0	±13	-	**	0	±13	-	**
Some other race alone	0	±13	-	**	0	±13	-	**	0	±13	-	**
Two or more races	8	±13	0.0%	±82.3	8	±13	0.0%	±82.3	0	±13	-	**
Hispanic or Latino origin (of any race)	0	±13	-	**	0	±13	-	**	0	±13	-	**

Label	Census Tract 809, Goodhue County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
White alone, not Hispanic or Latino	1,837	±186	5.2%	±3.0	1,593	±178	1.8%	±1.7	184	±77	33.7%	±20.4
Householder worked	1,336	±141	3.3%	±2.3	1,154	±146	2.3%	±2.2	137	±64	13.1%	±11.0
Householder worked full-time, year-round in the past 12 months	875	±136	1.4%	±1.0	755	±133	0.7%	±0.8	89	±55	7.9%	±7.3
Householder 65 years and over	342	±70	1.2%	±1.6	317	±68	1.3%	±1.7	12	±9	0.0%	±67.2
Family received --												
Supplemental Security Income (SSI) and/or cash public assistance income in the past 12 months	17	±14	35.3%	±42.9	11	±10	0.0%	±70.1	1	±2	100.0%	±100.0
Social security income in the past 12 months	521	±98	2.5%	±2.6	474	±98	0.8%	±1.1	27	±18	33.3%	±40.2
EDUCATIONAL ATTAINMENT OF HOUSEHOLDER												
Less than high school graduate	79	±54	15.2%	±20.5	56	±49	7.1%	±12.9	21	±24	38.1%	±60.2
High school graduate (includes equivalency)	529	±230	1.5%	±1.7	488	±225	0.6%	±1.0	18	±14	27.8%	±33.5
Some college, associate's degree	698	±117	10.5%	±7.4	546	±108	3.8%	±4.9	122	±66	38.5%	±27.7
Bachelor's degree or higher	566	±126	0.5%	±1.0	528	±128	0.0%	±3.7	33	±27	9.1%	±19.6
NUMBER OF RELATED CHILDREN OF THE HOUSEHOLDER UNDER 18 YEARS												
No child	1,060	±206	2.4%	±2.6	1,029	±205	2.4%	±2.7	13	±12	0.0%	±64.5
1 or 2 children	645	±121	8.5%	±6.2	435	±101	0.0%	±4.5	168	±77	29.8%	±20.8
3 or 4 children	167	±50	9.6%	±9.3	154	±50	1.9%	±3.0	13	±14	100.0%	±64.5

Label	Census Tract 809, Goodhue County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
5 or more children	0	±13	-	**	0	±13	-	**	0	±13	-	**
NUMBER OF OWN CHILDREN OF THE HOUSEHOLDER UNDER 18 YEARS												
No own child of the householder	1,087	±209	2.3%	±2.6	1,031	±206	2.4%	±2.7	36	±27	0.0%	±38.8
1 or 2 own children of the householder	618	±119	8.9%	±6.5	433	±101	0.0%	±4.5	145	±71	34.5%	±23.5
3 or 4 own children of the householder	167	±50	9.6%	±9.3	154	±50	1.9%	±3.0	13	±14	100.0%	±64.5
5 or more own children of the householder	0	±13	-	**	0	±13	-	**	0	±13	-	**
NUMBER OF PEOPLE IN FAMILY												
2 people	1,047	±215	1.4%	±1.2	915	±210	0.4%	±0.6	92	±54	6.5%	±9.0
3 or 4 people	650	±113	12.0%	±8.0	533	±107	3.9%	±5.0	97	±53	58.8%	±28.9
5 or 6 people	170	±51	1.8%	±2.6	170	±51	1.8%	±2.6	0	±13	-	**
7 or more people	5	±7	0.0%	±100.0	0	±13	-	**	5	±7	0.0%	±100.0
NUMBER OF WORKERS IN FAMILY												
No workers	249	±74	11.6%	±10.0	219	±66	0.9%	±1.5	22	±26	100.0%	±49.6
1 worker	483	±224	8.5%	±8.4	308	±217	1.0%	±1.8	128	±66	29.7%	±24.4
2 workers	962	±133	2.7%	±2.8	918	±133	2.5%	±2.9	39	±34	7.7%	±11.9
3 or more workers	178	±66	0.0%	±10.6	173	±65	0.0%	±10.9	5	±7	0.0%	±100.0
INCOME DEFICIT												
Mean income deficit for families (dollars)	N	N	(X)	(X)	N	N	(X)	(X)	N	N	(X)	(X)
TENURE												
Owner occupied	1,560	±144	2.0%	±1.8	1,425	±148	2.0%	±1.9	86	±49	3.5%	±5.8
Renter Occupied	312	±222	20.8%	±23.8	193	±219	0.0%	±9.8	108	±62	55.6%	±29.5
ALL FAMILIES WITH INCOME BELOW THE FOLLOWING POVERTY RATIOS												
50 percent of poverty level	58	±44	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

Label	Census Tract 809, Goodhue County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
125 percent of poverty level	98	±56	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
150 percent of poverty level	122	±64	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
185 percent of poverty level	195	±75	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
200 percent of poverty level	220	±77	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
300 percent of poverty level	426	±82	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
400 percent of poverty level	590	±100	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
500 percent of poverty level	929	±117	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

Label	Census Tract 9504, Le Sueur County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Families	994	±101	4.0%	±2.5	833	±99	0.8%	±0.7	131	±55	25.2%	±18.4
With related children of householder under 18 years	428	±82	7.7%	±5.7	314	±80	0.0%	±6.2	99	±50	33.3%	±24.6
With related children of householder under 5 years	72	±37	4.2%	±6.9	63	±36	0.0%	±26.7	3	±5	100.0%	±100.0
With related children of householder under 5 years and 5 to 17 years	78	±42	3.8%	±7.4	38	±28	0.0%	±37.7	40	±35	7.5%	±17.4
With related children of householder 5 to 17 years	278	±69	9.7%	±8.3	213	±67	0.0%	±9.0	56	±32	48.2%	±28.3
RACE AND HISPANIC OR LATINO ORIGIN												
Families with a householder who is--												
White alone	947	±99	3.9%	±2.5	789	±91	0.9%	±0.8	128	±56	23.4%	±17.9
Black or African American alone	14	±18	21.4%	±40.3	11	±17	0.0%	±70.1	3	±6	100.0%	±100.0
American Indian and Alaska Native alone	0	±9	-	**	0	±9	-	**	0	±9	-	**
Asian alone	23	±30	0.0%	±48.5	23	±30	0.0%	±48.5	0	±9	-	**
Native Hawaiian and Other Pacific Islander alone	0	±9	-	**	0	±9	-	**	0	±9	-	**
Some other race alone	4	±5	0.0%	±100.0	4	±5	0.0%	±100.0	0	±9	-	**
Two or more races	6	±8	0.0%	±95.0	6	±8	0.0%	±95.0	0	±9	-	**
Hispanic or Latino origin (of any race)	4	±5	0.0%	±100.0	4	±5	0.0%	±100.0	0	±9	-	**

Label	Census Tract 9504, Le Sueur County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
White alone, not Hispanic or Latino	947	±99	3.9%	±2.5	789	±91	0.9%	±0.8	128	±56	23.4%	±17.9
Householder worked	692	±87	2.5%	±1.6	573	±86	0.3%	±0.6	100	±47	15.0%	±14.3
Householder worked full-time, year-round in the past 12 months	475	±78	1.1%	±1.3	401	±74	0.5%	±0.9	55	±37	5.5%	±9.7
Householder 65 years and over	276	±36	1.8%	±2.0	245	±34	2.0%	±2.2	20	±12	0.0%	±52.0
Family received --												
Supplemental Security Income (SSI) and/or cash public assistance income in the past 12 months	37	±14	16.2%	±16.6	29	±13	0.0%	±43.2	6	±7	100.0%	±95.0
Social security income in the past 12 months	333	±41	1.5%	±1.6	302	±42	1.7%	±1.8	20	±12	0.0%	±52.0
EDUCATIONAL ATTAINMENT OF HOUSEHOLDER												
Less than high school graduate	38	±16	0.0%	±37.7	26	±14	0.0%	±45.6	4	±6	0.0%	±100.0
High school graduate (includes equivalency)	283	±57	2.5%	±3.2	222	±49	1.8%	±2.6	58	±37	5.2%	±12.4
Some college, associate's degree	353	±79	7.6%	±6.5	288	±70	0.0%	±6.7	57	±32	47.4%	±29.5
Bachelor's degree or higher	320	±66	1.9%	±2.0	297	±66	1.0%	±1.4	12	±10	25.0%	±43.4
NUMBER OF RELATED CHILDREN OF THE HOUSEHOLDER UNDER 18 YEARS												
No child	566	±57	1.2%	±1.1	519	±56	1.3%	±1.2	32	±17	0.0%	±41.1
1 or 2 children	332	±78	7.2%	±6.8	253	±73	0.0%	±7.6	65	±39	36.9%	±29.5
3 or 4 children	88	±37	10.2%	±11.1	53	±29	0.0%	±30.4	34	±30	26.5%	±44.8

Label	Census Tract 9504, Le Sueur County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
5 or more children	8	±12	0.0%	±82.3	8	±12	0.0%	±82.3	0	±9	-	**
NUMBER OF OWN CHILDREN OF THE HOUSEHOLDER UNDER 18 YEARS												
No own child of the householder	572	±57	1.2%	±1.1	525	±56	1.3%	±1.2	32	±17	0.0%	±41.1
1 or 2 own children of the householder	327	±78	7.3%	±6.9	248	±73	0.0%	±7.7	65	±39	36.9%	±29.5
3 or 4 own children of the householder	87	±36	10.3%	±11.3	52	±29	0.0%	±30.9	34	±30	26.5%	±44.8
5 or more own children of the householder	8	±12	0.0%	±82.3	8	±12	0.0%	±82.3	0	±9	-	**
NUMBER OF PEOPLE IN FAMILY												
2 people	479	±55	2.1%	±1.5	421	±51	1.7%	±1.5	41	±22	7.3%	±12.6
3 or 4 people	425	±86	7.1%	±5.6	322	±82	0.0%	±6.0	90	±48	33.3%	±26.7
5 or 6 people	81	±36	0.0%	±21.7	81	±36	0.0%	±21.7	0	±9	-	**
7 or more people	9	±12	0.0%	±77.5	9	±12	0.0%	±77.5	0	±9	-	**
NUMBER OF WORKERS IN FAMILY												
No workers	187	±40	12.3%	±11.2	160	±32	3.1%	±3.5	27	±24	66.7%	±34.7
1 worker	244	±47	7.0%	±4.8	146	±38	1.4%	±2.6	72	±36	20.8%	±18.7
2 workers	400	±65	0.0%	±4.9	369	±65	0.0%	±5.3	31	±20	0.0%	±41.8
3 or more workers	163	±62	0.0%	±11.5	158	±62	0.0%	±11.9	1	±3	0.0%	±100.0
INCOME DEFICIT												
Mean income deficit for families (dollars)	8,128	±3,340	(X)	(X)	1,857	±2,145	(X)	(X)	9,458	±3,215	(X)	(X)
TENURE												
Owner occupied	828	±92	1.7%	±1.2	749	±94	0.7%	±0.6	60	±26	15.0%	±11.9
Renter Occupied	166	±54	15.7%	±13.1	84	±33	2.4%	±5.2	71	±43	33.8%	±31.0
ALL FAMILIES WITH INCOME BELOW THE FOLLOWING POVERTY RATIOS												
50 percent of poverty level	18	±22	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

Label	Census Tract 9504, Le Sueur County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
125 percent of poverty level	47	±28	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
150 percent of poverty level	63	±32	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
185 percent of poverty level	135	±51	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
200 percent of poverty level	168	±53	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
300 percent of poverty level	268	±67	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
400 percent of poverty level	432	±84	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
500 percent of poverty level	630	±98	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

Label	Census Tract 9505, Le Sueur County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Families	1,190	±107	6.5%	±3.4	962	±100	2.9%	±2.4	99	±40	49.5%	±21.1
With related children of householder under 18 years	471	±79	11.5%	±7.5	317	±58	6.3%	±6.6	64	±32	53.1%	±28.7
With related children of householder under 5 years	112	±55	12.5%	±18.1	66	±34	21.2%	±26.6	0	±9	-	**
With related children of householder under 5 years and 5 to 17 years	91	±32	13.2%	±18.6	73	±26	0.0%	±23.6	13	±19	92.3%	±25.2
With related children of householder 5 to 17 years	268	±51	10.4%	±8.7	178	±47	3.4%	±4.2	51	±27	43.1%	±33.6
RACE AND HISPANIC OR LATINO ORIGIN												
Families with a householder who is--												
White alone	1,153	±109	6.7%	±3.5	937	±98	3.0%	±2.5	87	±40	56.3%	±20.9
Black or African American alone	0	±9	-	**	0	±9	-	**	0	±9	-	**
American Indian and Alaska Native alone	0	±9	-	**	0	±9	-	**	0	±9	-	**
Asian alone	1	±4	0.0%	±100.0	0	±9	-	**	1	±4	0.0%	±100.0
Native Hawaiian and Other Pacific Islander alone	0	±9	-	**	0	±9	-	**	0	±9	-	**
Some other race alone	34	±33	0.0%	±39.9	23	±29	0.0%	±48.5	11	±14	0.0%	±70.1
Two or more races	2	±3	0.0%	±100.0	2	±3	0.0%	±100.0	0	±9	-	**
Hispanic or Latino origin (of any race)	125	±41	24.8%	±21.1	65	±41	30.8%	±29.4	32	±25	34.4%	±45.8

Label	Census Tract 9505, Le Sueur County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
White alone, not Hispanic or Latino	1,062	±99	4.3%	±2.9	895	±91	0.9%	±0.8	66	±34	57.6%	±25.7
Householder worked	975	±106	5.9%	±3.8	787	±92	2.5%	±2.7	77	±39	49.4%	±25.8
Householder worked full-time, year-round in the past 12 months	742	±108	3.1%	±3.1	587	±91	0.0%	±3.3	62	±34	37.1%	±29.3
Householder 65 years and over	232	±44	1.3%	±1.6	191	±42	1.6%	±2.0	20	±19	0.0%	±52.0
Family received --												
Supplemental Security Income (SSI) and/or cash public assistance income in the past 12 months	135	±56	11.1%	±14.9	97	±57	0.0%	±18.5	30	±24	50.0%	±43.8
Social security income in the past 12 months	299	±66	1.0%	±1.3	249	±66	1.2%	±1.6	21	±20	0.0%	±50.8
EDUCATIONAL ATTAINMENT OF HOUSEHOLDER												
Less than high school graduate	113	±51	38.1%	±22.2	71	±40	28.2%	±27.3	34	±26	67.6%	±39.2
High school graduate (includes equivalency)	388	±82	4.6%	±4.9	299	±76	1.0%	±1.4	29	±24	51.7%	±44.9
Some college, associate's degree	447	±81	3.6%	±3.7	359	±71	1.4%	±1.8	35	±26	31.4%	±32.8
Bachelor's degree or higher	242	±61	0.0%	±7.9	233	±57	0.0%	±8.2	1	±4	0.0%	±100.0
NUMBER OF RELATED CHILDREN OF THE HOUSEHOLDER UNDER 18 YEARS												
No child	719	±76	3.2%	±2.8	645	±84	1.2%	±1.2	35	±29	42.9%	±38.8
1 or 2 children	337	±80	3.3%	±4.2	218	±59	0.0%	±8.8	41	±22	26.8%	±30.9
3 or 4 children	134	±39	32.1%	±20.3	99	±33	20.2%	±19.4	23	±24	100.0%	±48.5

Label	Census Tract 9505, Le Sueur County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
5 or more children	0	±9	-	**	0	±9	-	**	0	±9	-	**
NUMBER OF OWN CHILDREN OF THE HOUSEHOLDER UNDER 18 YEARS												
No own child of the householder	749	±80	3.1%	±2.7	658	±84	1.2%	±1.1	36	±29	41.7%	±37.4
1 or 2 own children of the householder	345	±79	6.4%	±6.5	220	±59	0.0%	±8.7	51	±27	43.1%	±33.6
3 or 4 own children of the householder	96	±38	33.3%	±22.8	84	±33	23.8%	±22.5	12	±19	100.0%	±67.2
5 or more own children of the householder	0	±9	-	**	0	±9	-	**	0	±9	-	**
NUMBER OF PEOPLE IN FAMILY												
2 people	590	±93	5.8%	±4.1	447	±60	1.8%	±1.7	66	±35	39.4%	±26.3
3 or 4 people	404	±87	5.7%	±5.7	333	±82	0.0%	±5.8	32	±27	71.9%	±37.9
5 or 6 people	176	±62	11.4%	±12.1	162	±62	12.3%	±13.0	1	±3	0.0%	±100.0
7 or more people	20	±16	0.0%	±52.0	20	±16	0.0%	±52.0	0	±9	-	**
NUMBER OF WORKERS IN FAMILY												
No workers	108	±38	13.0%	±15.3	86	±30	3.5%	±4.5	22	±20	50.0%	±48.5
1 worker	318	±89	10.7%	±7.5	168	±49	6.5%	±6.1	52	±30	44.2%	±32.5
2 workers	519	±78	5.6%	±5.1	466	±74	3.0%	±4.4	25	±26	60.0%	±47.8
3 or more workers	245	±69	0.0%	±7.8	242	±69	0.0%	±7.9	0	±9	-	**
INCOME DEFICIT												
Mean income deficit for families (dollars)	10,586	±5,673	(X)	(X)	8,918	±6,764	(X)	(X)	11,539	±7,514	(X)	(X)
TENURE												
Owner occupied	985	±86	2.3%	±2.1	867	±87	0.9%	±0.9	56	±34	26.8%	±26.7
Renter Occupied	205	±70	26.3%	±16.7	95	±41	21.1%	±20.2	43	±31	79.1%	±29.6
ALL FAMILIES WITH INCOME BELOW THE FOLLOWING POVERTY RATIOS												
50 percent of poverty level	29	±26	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

Label	Census Tract 9505, Le Sueur County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
125 percent of poverty level	128	±45	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
150 percent of poverty level	131	±45	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
185 percent of poverty level	260	±79	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
200 percent of poverty level	274	±79	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
300 percent of poverty level	395	±78	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
400 percent of poverty level	489	±79	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
500 percent of poverty level	782	±104	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

Label	Census Tract 16.03, Olmsted County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Families	955	±129	0.0%	±2.1	863	±135	0.0%	±2.3	71	±48	0.0%	±24.2
With related children of householder under 18 years	408	±108	0.0%	±4.8	349	±95	0.0%	±5.6	51	±47	0.0%	±31.3
With related children of householder under 5 years	60	±37	0.0%	±27.7	60	±37	0.0%	±27.7	0	±9	-	**
With related children of householder under 5 years and 5 to 17 years	105	±68	0.0%	±17.3	97	±68	0.0%	±18.5	0	±9	-	**
With related children of householder 5 to 17 years	243	±81	0.0%	±7.9	192	±75	0.0%	±9.9	51	±47	0.0%	±31.3
RACE AND HISPANIC OR LATINO ORIGIN												
Families with a householder who is--												
White alone	807	±98	0.0%	±2.4	715	±108	0.0%	±2.8	71	±48	0.0%	±24.2
Black or African American alone	0	±9	-	**	0	±9	-	**	0	±9	-	**
American Indian and Alaska Native alone	0	±9	-	**	0	±9	-	**	0	±9	-	**
Asian alone	148	±103	0.0%	±12.6	148	±103	0.0%	±12.6	0	±9	-	**
Native Hawaiian and Other Pacific Islander alone	0	±9	-	**	0	±9	-	**	0	±9	-	**
Some other race alone	0	±9	-	**	0	±9	-	**	0	±9	-	**
Two or more races	0	±9	-	**	0	±9	-	**	0	±9	-	**
Hispanic or Latino origin (of any race)	18	±22	0.0%	±54.8	18	±22	0.0%	±54.8	0	±9	-	**

Label	Census Tract 16.03, Olmsted County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
White alone, not Hispanic or Latino	789	±94	0.0%	±2.5	697	±103	0.0%	±2.8	71	±48	0.0%	±24.2
Householder worked	762	±124	0.0%	±2.6	694	±128	0.0%	±2.8	47	±33	0.0%	±33.1
Householder worked full-time, year-round in the past 12 months	570	±116	0.0%	±3.4	531	±117	0.0%	±3.7	31	±25	0.0%	±41.8
Householder 65 years and over	230	±40	0.0%	±8.3	230	±40	0.0%	±8.3	0	±9	-	**
Family received --												
Supplemental Security Income (SSI) and/or cash public assistance income in the past 12 months	45	±47	0.0%	±34.1	45	±47	0.0%	±34.1	0	±9	-	**
Social security income in the past 12 months	245	±51	0.0%	±7.8	215	±43	0.0%	±8.9	30	±33	0.0%	±42.5
EDUCATIONAL ATTAINMENT OF HOUSEHOLDER												
Less than high school graduate	0	±9	-	**	0	±9	-	**	0	±9	-	**
High school graduate (includes equivalency)	73	±42	0.0%	±23.6	35	±28	0.0%	±39.3	30	±33	0.0%	±42.5
Some college, associate's degree	261	±76	0.0%	±7.4	214	±74	0.0%	±8.9	34	±30	0.0%	±39.9
Bachelor's degree or higher	621	±137	0.0%	±3.2	614	±136	0.0%	±3.2	7	±10	0.0%	±87.9
NUMBER OF RELATED CHILDREN OF THE HOUSEHOLDER UNDER 18 YEARS												
No child	547	±103	0.0%	±3.6	514	±100	0.0%	±3.8	20	±15	0.0%	±52.0
1 or 2 children	319	±93	0.0%	±6.1	260	±86	0.0%	±7.4	51	±47	0.0%	±31.3
3 or 4 children	89	±69	0.0%	±20.0	89	±69	0.0%	±20.0	0	±9	-	**

Label	Census Tract 16.03, Olmsted County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
5 or more children	0	±9	-	**	0	±9	-	**	0	±9	-	**
NUMBER OF OWN CHILDREN OF THE HOUSEHOLDER UNDER 18 YEARS												
No own child of the householder	585	±106	0.0%	±3.4	552	±104	0.0%	±3.6	20	±15	0.0%	±52.0
1 or 2 own children of the householder	281	±86	0.0%	±6.9	222	±84	0.0%	±8.6	51	±47	0.0%	±31.3
3 or 4 own children of the householder	89	±69	0.0%	±20.0	89	±69	0.0%	±20.0	0	±9	-	**
5 or more own children of the householder	0	±9	-	**	0	±9	-	**	0	±9	-	**
NUMBER OF PEOPLE IN FAMILY												
2 people	469	±80	0.0%	±4.2	436	±78	0.0%	±4.5	20	±15	0.0%	±52.0
3 or 4 people	377	±110	0.0%	±5.2	318	±111	0.0%	±6.1	51	±47	0.0%	±31.3
5 or 6 people	97	±70	0.0%	±18.5	97	±70	0.0%	±18.5	0	±9	-	**
7 or more people	12	±17	0.0%	±67.2	12	±17	0.0%	±67.2	0	±9	-	**
NUMBER OF WORKERS IN FAMILY												
No workers	145	±48	0.0%	±12.9	121	±40	0.0%	±15.2	24	±32	0.0%	±47.5
1 worker	184	±62	0.0%	±10.3	152	±50	0.0%	±12.3	24	±24	0.0%	±47.5
2 workers	444	±108	0.0%	±4.4	424	±110	0.0%	±4.6	7	±11	0.0%	±87.9
3 or more workers	182	±114	0.0%	±10.4	166	±107	0.0%	±11.3	16	±21	0.0%	±58.2
INCOME DEFICIT												
Mean income deficit for families (dollars)	-	**	(X)	(X)	-	**	(X)	(X)	-	**	(X)	(X)
TENURE												
Owner occupied	874	±129	0.0%	±2.3	817	±131	0.0%	±2.4	36	±26	0.0%	±38.8
Renter Occupied	81	±48	0.0%	±21.7	46	±34	0.0%	±33.6	35	±37	0.0%	±39.3
ALL FAMILIES WITH INCOME BELOW THE FOLLOWING POVERTY RATIOS												
50 percent of poverty level	0	±9	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

Label	Census Tract 16.03, Olmsted County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
125 percent of poverty level	8	±12	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
150 percent of poverty level	32	±36	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
185 percent of poverty level	32	±36	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
200 percent of poverty level	48	±45	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
300 percent of poverty level	76	±51	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
400 percent of poverty level	146	±68	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
500 percent of poverty level	276	±85	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

Label	Census Tract 17.03, Olmsted County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Families	1,376	±122	0.30%	±0.5	1,271	±119	0.30%	±0.5	72	±74	0.00%	±23.9
With related children of householder under 18 years	561	±91	0.00%	±3.5	480	±85	0.00%	±4.1	72	±74	0.00%	±23.9
With related children of householder under 5 years	144	±81	0.00%	±12.9	90	±50	0.00%	±19.8	54	±70	0.00%	±30.0
With related children of householder under 5 years and 5 to 17 years	54	±36	0.00%	±30.0	54	±36	0.00%	±30.0	0	±13	-	**
With related children of householder 5 to 17 years	363	±78	0.00%	±5.4	336	±82	0.00%	±5.8	18	±23	0.00%	±54.8
RACE AND HISPANIC OR LATINO ORIGIN												
Families with a householder who is--												
White alone	1,258	±131	0.30%	±0.5	1,153	±122	0.30%	±0.5	72	±74	0.00%	±23.9
Black or African American alone	15	±21	0.00%	±60.1	15	±21	0.00%	±60.1	0	±13	-	**
American Indian and Alaska Native alone	0	±13	-	**	0	±13	-	**	0	±13	-	**
Asian alone	75	±34	0.00%	±23.1	75	±34	0.00%	±23.1	0	±13	-	**
Native Hawaiian and Other Pacific Islander alone	0	±13	-	**	0	±13	-	**	0	±13	-	**
Some other race alone	13	±21	0.00%	±64.5	13	±21	0.00%	±64.5	0	±13	-	**
Two or more races	15	±20	0.00%	±60.1	15	±20	0.00%	±60.1	0	±13	-	**
Hispanic or Latino origin (of any race)	13	±21	0.00%	±64.5	13	±21	0.00%	±64.5	0	±13	-	**

Poverty_Tracts

Label	Census Tract 17.03, Olmsted County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
White alone, not Hispanic or Latino	1,258	±131	0.30%	±0.5	1,153	±122	0.30%	±0.5	72	±74	0.00%	±23.9
Householder worked	1,092	±116	0.00%	±1.8	987	±123	0.00%	±2.0	72	±74	0.00%	±23.9
Householder worked full-time, year-round in the past 12 months	826	±124	0.00%	±2.4	780	±121	0.00%	±2.5	13	±20	0.00%	±64.5
Householder 65 years and over	262	±72	1.50%	±2.5	262	±72	1.50%	±2.5	0	±13	-	**
Family received --												
Supplemental Security Income (SSI) and/or cash public assistance income in the past 12 months	89	±58	0.00%	±20.0	89	±58	0.00%	±20.0	0	±13	-	**
Social security income in the past 12 months	277	±70	1.40%	±2.3	277	±70	1.40%	±2.3	0	±13	-	**
EDUCATIONAL ATTAINMENT OF HOUSEHOLDER												
Less than high school graduate	0	±13	-	**	0	±13	-	**	0	±13	-	**
High school graduate (includes equivalency)	196	±113	0.00%	±9.7	126	±93	0.00%	±14.6	54	±70	0.00%	±30.0
Some college, associate's degree	203	±79	0.00%	±9.4	190	±76	0.00%	±10.0	13	±20	0.00%	±64.5
Bachelor's degree or higher	977	±126	0.40%	±0.6	955	±121	0.40%	±0.7	5	±9	0.00%	±100.0
NUMBER OF RELATED CHILDREN OF THE HOUSEHOLDER UNDER 18 YEARS												
No child	815	±128	0.50%	±0.8	791	±120	0.50%	±0.8	0	±13	-	**
1 or 2 children	441	±108	0.00%	±4.4	360	±96	0.00%	±5.4	72	±74	0.00%	±23.9
3 or 4 children	109	±49	0.00%	±16.7	109	±49	0.00%	±16.7	0	±13	-	**

Label	Census Tract 17.03, Olmsted County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
5 or more children	11	±18	0.00%	±70.1	11	±18	0.00%	±70.1	0	±13	-	**
NUMBER OF OWN CHILDREN OF THE HOUSEHOLDER UNDER 18 YEARS												
No own child of the householder	834	±119	0.50%	±0.8	810	±112	0.50%	±0.8	0	±13	-	**
1 or 2 own children of the householder	422	±105	0.00%	±4.6	341	±93	0.00%	±5.7	72	±74	0.00%	±23.9
3 or 4 own children of the householder	109	±49	0.00%	±16.7	109	±49	0.00%	±16.7	0	±13	-	**
5 or more own children of the householder	11	±18	0.00%	±70.1	11	±18	0.00%	±70.1	0	±13	-	**
NUMBER OF PEOPLE IN FAMILY												
2 people	749	±132	0.50%	±0.8	649	±109	0.60%	±1.0	67	±74	0.00%	±25.4
3 or 4 people	475	±106	0.00%	±4.1	470	±106	0.00%	±4.2	5	±9	0.00%	±100.0
5 or 6 people	135	±52	0.00%	±13.7	135	±52	0.00%	±13.7	0	±13	-	**
7 or more people	17	±24	0.00%	±56.4	17	±24	0.00%	±56.4	0	±13	-	**
NUMBER OF WORKERS IN FAMILY												
No workers	209	±74	1.90%	±3.1	209	±74	1.90%	±3.1	0	±13	-	**
1 worker	222	±95	0.00%	±8.6	154	±62	0.00%	±12.2	59	±70	0.00%	±28.1
2 workers	801	±122	0.00%	±2.5	764	±120	0.00%	±2.6	13	±20	0.00%	±64.5
3 or more workers	144	±86	0.00%	±12.9	144	±86	0.00%	±12.9	0	±13	-	**
INCOME DEFICIT												
Mean income deficit for families (dollars)	N	N	(X)	(X)	N	N	(X)	(X)	N	N	(X)	(X)
TENURE												
Owner occupied	1,120	±112	0.40%	±0.6	1,106	±112	0.40%	±0.6	5	±9	0.00%	±100.0
Renter Occupied	256	±99	0.00%	±7.5	165	±70	0.00%	±11.4	67	±74	0.00%	±25.4
ALL FAMILIES WITH INCOME BELOW THE FOLLOWING POVERTY RATIOS												
50 percent of poverty level	4	±6	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

Label	Census Tract 17.03, Olmsted County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
125 percent of poverty level	71	±74	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
150 percent of poverty level	81	±75	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
185 percent of poverty level	81	±75	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
200 percent of poverty level	85	±75	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
300 percent of poverty level	140	±85	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
400 percent of poverty level	295	±94	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
500 percent of poverty level	435	±104	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

Label	Census Tract 19.01, Olmsted County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Families	1,516	±94	0.0%	±1.3	1,287	±97	0.0%	±1.5	171	±71	0.0%	±11.0
With related children of householder under 18 years	880	±97	0.0%	±2.2	686	±107	0.0%	±2.9	145	±66	0.0%	±12.9
With related children of householder under 5 years	138	±65	0.0%	±13.5	104	±57	0.0%	±17.4	34	±31	0.0%	±39.9
With related children of householder under 5 years and 5 to 17 years	118	±58	0.0%	±15.5	117	±57	0.0%	±15.7	1	±3	0.0%	±100.0
With related children of householder 5 to 17 years	624	±130	0.0%	±3.2	465	±126	0.0%	±4.2	110	±60	0.0%	±16.6
RACE AND HISPANIC OR LATINO ORIGIN												
Families with a householder who is--												
White alone	1,485	±97	0.0%	±1.3	1,272	±97	0.0%	±1.6	155	±68	0.0%	±12.1
Black or African American alone	0	±13	-	**	0	±13	-	**	0	±13	-	**
American Indian and Alaska Native alone	0	±13	-	**	0	±13	-	**	0	±13	-	**
Asian alone	31	±33	0.0%	±41.8	15	±22	0.0%	±60.1	16	±25	0.0%	±58.2
Native Hawaiian and Other Pacific Islander alone	0	±13	-	**	0	±13	-	**	0	±13	-	**
Some other race alone	0	±13	-	**	0	±13	-	**	0	±13	-	**
Two or more races	0	±13	-	**	0	±13	-	**	0	±13	-	**
Hispanic or Latino origin (of any race)	25	±23	0.0%	±46.5	25	±23	0.0%	±46.5	0	±13	-	**

Label	Census Tract 19.01, Olmsted County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
White alone, not Hispanic or Latino	1,460	±98	0.0%	±1.4	1,247	±100	0.0%	±1.6	155	±68	0.0%	±12.1
Householder worked	1,189	±118	0.0%	±1.7	974	±110	0.0%	±2.0	157	±68	0.0%	±11.9
Householder worked full-time, year-round in the past 12 months	852	±111	0.0%	±2.3	672	±103	0.0%	±2.9	122	±52	0.0%	±15.1
Householder 65 years and over	243	±81	0.0%	±7.9	229	±81	0.0%	±8.4	14	±18	0.0%	±62.2
Family received --												
Supplemental Security Income (SSI) and/or cash public assistance income in the past 12 months	71	±48	0.0%	±24.2	59	±45	0.0%	±28.1	12	±15	0.0%	±67.2
Social security income in the past 12 months	270	±83	0.0%	±7.1	253	±83	0.0%	±7.6	17	±19	0.0%	±56.4
EDUCATIONAL ATTAINMENT OF HOUSEHOLDER												
Less than high school graduate	54	±51	0.0%	±30.0	12	±18	0.0%	±67.2	42	±48	0.0%	±35.6
High school graduate (includes equivalency)	201	±74	0.0%	±9.5	175	±70	0.0%	±10.8	26	±24	0.0%	±45.6
Some college, associate's degree	360	±73	0.0%	±5.4	312	±70	0.0%	±6.2	13	±15	0.0%	±64.5
Bachelor's degree or higher	901	±121	0.0%	±2.2	788	±122	0.0%	±2.5	90	±47	0.0%	±19.8
NUMBER OF RELATED CHILDREN OF THE HOUSEHOLDER UNDER 18 YEARS												
No child	636	±100	0.0%	±3.1	601	±99	0.0%	±3.3	26	±26	0.0%	±45.6
1 or 2 children	635	±112	0.0%	±3.1	456	±103	0.0%	±4.3	144	±67	0.0%	±12.9
3 or 4 children	245	±140	0.0%	±7.8	230	±141	0.0%	±8.3	1	±3	0.0%	±100.0

Label	Census Tract 19.01, Olmsted County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
5 or more children	0	±13	-	**	0	±13	-	**	0	±13	-	**
NUMBER OF OWN CHILDREN OF THE HOUSEHOLDER UNDER 18 YEARS												
No own child of the householder	651	±97	0.0%	±3.0	607	±95	0.0%	±3.2	35	±30	0.0%	±39.3
1 or 2 own children of the householder	620	±111	0.0%	±3.2	450	±101	0.0%	±4.3	135	±66	0.0%	±13.7
3 or 4 own children of the householder	245	±140	0.0%	±7.8	230	±141	0.0%	±8.3	1	±3	0.0%	±100.0
5 or more own children of the householder	0	±13	-	**	0	±13	-	**	0	±13	-	**
NUMBER OF PEOPLE IN FAMILY												
2 people	627	±108	0.0%	±3.1	523	±104	0.0%	±3.7	95	±48	0.0%	±18.9
3 or 4 people	633	±116	0.0%	±3.1	508	±108	0.0%	±3.9	76	±55	0.0%	±22.9
5 or 6 people	244	±138	0.0%	±7.9	244	±138	0.0%	±7.9	0	±13	-	**
7 or more people	12	±19	0.0%	±67.2	12	±19	0.0%	±67.2	0	±13	-	**
NUMBER OF WORKERS IN FAMILY												
No workers	172	±80	0.0%	±11.0	172	±80	0.0%	±11.0	0	±13	-	**
1 worker	299	±71	0.0%	±6.5	152	±66	0.0%	±12.3	109	±52	0.0%	±16.7
2 workers	844	±141	0.0%	±2.3	774	±130	0.0%	±2.5	50	±50	0.0%	±31.7
3 or more workers	201	±73	0.0%	±9.5	189	±75	0.0%	±10.0	12	±15	0.0%	±67.2
INCOME DEFICIT												
Mean income deficit for families (dollars)	-	**	(X)	(X)	-	**	(X)	(X)	-	**	(X)	(X)
TENURE												
Owner occupied	1,441	±108	0.0%	±1.4	1,242	±104	0.0%	±1.6	154	±68	0.0%	±12.2
Renter Occupied	75	±49	0.0%	±23.1	45	±38	0.0%	±34.1	17	±25	0.0%	±56.4
ALL FAMILIES WITH INCOME BELOW THE FOLLOWING POVERTY RATIOS												
50 percent of poverty level	0	±13	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

Label	Census Tract 19.01, Olmsted County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
125 percent of poverty level	15	±16	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
150 percent of poverty level	15	±16	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
185 percent of poverty level	29	±22	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
200 percent of poverty level	29	±22	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
300 percent of poverty level	219	±82	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
400 percent of poverty level	470	±92	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
500 percent of poverty level	632	±98	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

Label	Census Tract 19.02, Olmsted County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Families	947	±106	2.5%	±2.2	804	±106	0.9%	±0.9	81	±52	21.0%	±25.1
With related children of householder under 18 years	417	±70	4.1%	±5.0	312	±66	0.0%	±6.2	48	±31	35.4%	±31.1
With related children of householder under 5 years	88	±47	0.0%	±20.2	84	±46	0.0%	±21.0	4	±5	0.0%	±100.0
With related children of householder under 5 years and 5 to 17 years	72	±30	8.3%	±14.6	44	±23	0.0%	±34.6	26	±20	23.1%	±38.0
With related children of householder 5 to 17 years	257	±74	4.3%	±7.0	184	±56	0.0%	±10.3	18	±20	61.1%	±52.9
RACE AND HISPANIC OR LATINO ORIGIN												
Families with a householder who is--												
White alone	941	±107	2.6%	±2.2	798	±106	0.9%	±0.9	81	±52	21.0%	±25.1
Black or African American alone	0	±9	-	**	0	±9	-	**	0	±9	-	**
American Indian and Alaska Native alone	0	±9	-	**	0	±9	-	**	0	±9	-	**
Asian alone	6	±8	0.0%	±95.0	6	±8	0.0%	±95.0	0	±9	-	**
Native Hawaiian and Other Pacific Islander alone	0	±9	-	**	0	±9	-	**	0	±9	-	**
Some other race alone	0	±9	-	**	0	±9	-	**	0	±9	-	**
Two or more races	0	±9	-	**	0	±9	-	**	0	±9	-	**
Hispanic or Latino origin (of any race)	27	±29	40.7%	±49.1	16	±20	0.0%	±58.2	11	±19	100.0%	±70.1

Label	Census Tract 19.02, Olmsted County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
White alone, not Hispanic or Latino	914	±108	1.4%	±1.1	782	±107	0.9%	±0.9	70	±47	8.6%	±17.3
Householder worked	788	±108	2.2%	±2.7	651	±104	0.0%	±3.0	78	±52	21.8%	±26.0
Householder worked full-time, year-round in the past 12 months	632	±99	0.0%	±3.1	516	±94	0.0%	±3.8	57	±46	0.0%	±28.8
Householder 65 years and over	191	±41	3.7%	±3.8	185	±40	3.8%	±3.9	3	±4	0.0%	±100.0
Family received --												
Supplemental Security Income (SSI) and/or cash public assistance income in the past 12 months	23	±22	47.8%	±47.2	12	±10	0.0%	±67.2	11	±19	100.0%	±70.1
Social security income in the past 12 months	214	±47	6.1%	±4.6	200	±44	3.5%	±3.6	9	±11	66.7%	±53.9
EDUCATIONAL ATTAINMENT OF HOUSEHOLDER												
Less than high school graduate	21	±14	14.3%	±19.3	21	±14	14.3%	±19.3	0	±9	-	**
High school graduate (includes equivalency)	113	±35	0.0%	±16.2	97	±31	0.0%	±18.5	3	±4	0.0%	±100.0
Some college, associate's degree	279	±77	7.5%	±7.0	251	±69	1.6%	±2.2	24	±23	70.8%	±35.9
Bachelor's degree or higher	534	±94	0.0%	±3.7	435	±87	0.0%	±4.5	54	±46	0.0%	±30.0
NUMBER OF RELATED CHILDREN OF THE HOUSEHOLDER UNDER 18 YEARS												
No child	530	±82	1.3%	±1.4	492	±77	1.4%	±1.5	33	±41	0.0%	±40.5
1 or 2 children	336	±80	3.3%	±5.2	244	±70	0.0%	±7.9	35	±34	31.4%	±35.5
3 or 4 children	60	±23	10.0%	±16.3	54	±20	0.0%	±30.0	6	±11	100.0%	±95.0

Label	Census Tract 19.02, Olmsted County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
5 or more children	21	±18	0.0%	±50.8	14	±15	0.0%	±62.2	7	±10	0.0%	±87.9
NUMBER OF OWN CHILDREN OF THE HOUSEHOLDER UNDER 18 YEARS												
No own child of the householder	538	±81	1.3%	±1.4	500	±75	1.4%	±1.5	33	±41	0.0%	±40.5
1 or 2 own children of the householder	331	±80	3.3%	±5.3	239	±69	0.0%	±8.0	35	±34	31.4%	±35.5
3 or 4 own children of the householder	57	±24	10.5%	±16.8	51	±21	0.0%	±31.3	6	±11	100.0%	±95.0
5 or more own children of the householder	21	±18	0.0%	±50.8	14	±15	0.0%	±62.2	7	±10	0.0%	±87.9
NUMBER OF PEOPLE IN FAMILY												
2 people	447	±70	1.6%	±1.6	425	±65	1.6%	±1.7	11	±10	0.0%	±70.1
3 or 4 people	397	±97	2.8%	±4.5	289	±78	0.0%	±6.7	57	±53	19.3%	±29.6
5 or 6 people	86	±35	7.0%	±12.2	73	±31	0.0%	±23.6	13	±15	46.2%	±53.8
7 or more people	17	±16	0.0%	±56.4	17	±16	0.0%	±56.4	0	±9	-	**
NUMBER OF WORKERS IN FAMILY												
No workers	113	±31	6.2%	±6.3	113	±31	6.2%	±6.3	0	±9	-	**
1 worker	154	±50	11.0%	±12.6	78	±29	0.0%	±22.4	51	±31	33.3%	±30.3
2 workers	535	±103	0.0%	±3.7	501	±90	0.0%	±3.9	30	±41	0.0%	±42.5
3 or more workers	145	±55	0.0%	±12.9	112	±44	0.0%	±16.3	0	±9	-	**
INCOME DEFICIT												
Mean income deficit for families (dollars)	N	N	(X)	(X)	N	N	(X)	(X)	N	N	(X)	(X)
TENURE												
Owner occupied	864	±102	0.8%	±0.8	767	±105	0.9%	±1.0	44	±43	0.0%	±34.6
Renter Occupied	83	±43	20.5%	±22.2	37	±27	0.0%	±38.2	37	±35	45.9%	±34.5
ALL FAMILIES WITH INCOME BELOW THE FOLLOWING POVERTY RATIOS												
50 percent of poverty level	10	±10	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

Label	Census Tract 19.02, Olmsted County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
125 percent of poverty level	34	±24	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
150 percent of poverty level	64	±48	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
185 percent of poverty level	74	±51	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
200 percent of poverty level	81	±55	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
300 percent of poverty level	169	±65	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
400 percent of poverty level	264	±81	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
500 percent of poverty level	472	±90	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

Label	Census Tract 703, Rice County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Families	1,650	±151	2.8%	±1.5	1,520	±143	2.4%	±1.5	66	±25	13.6%	±12.8
With related children of householder under 18 years	599	±134	4.3%	±2.9	533	±132	3.2%	±2.8	30	±17	30.0%	±23.3
With related children of householder under 5 years	85	±31	3.5%	±6.0	65	±24	0.0%	±26.0	5	±7	60.0%	±58.8
With related children of householder under 5 years and 5 to 17 years	125	±31	18.4%	±12.9	109	±30	15.6%	±13.1	6	±8	100.0%	±95.0
With related children of householder 5 to 17 years	389	±126	0.0%	±5.0	359	±125	0.0%	±5.4	19	±13	0.0%	±53.4
RACE AND HISPANIC OR LATINO ORIGIN												
Families with a householder who is--												
White alone	1,608	±147	2.9%	±1.5	1,483	±142	2.5%	±1.5	66	±25	13.6%	±12.8
Black or African American alone	7	±13	0.0%	±87.9	7	±13	0.0%	±87.9	0	±13	-	**
American Indian and Alaska Native alone	6	±11	0.0%	±95.0	6	±11	0.0%	±95.0	0	±13	-	**
Asian alone	17	±14	0.0%	±56.4	12	±11	0.0%	±67.2	0	±13	-	**
Native Hawaiian and Other Pacific Islander alone	0	±13	-	**	0	±13	-	**	0	±13	-	**
Some other race alone	5	±6	0.0%	±100.0	5	±6	0.0%	±100.0	0	±13	-	**
Two or more races	7	±7	0.0%	±87.9	7	±7	0.0%	±87.9	0	±13	-	**
Hispanic or Latino origin (of any race)	20	±12	0.0%	±52.0	17	±13	0.0%	±56.4	0	±13	-	**

Label	Census Tract 703, Rice County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
White alone, not Hispanic or Latino	1,593	±147	2.9%	±1.6	1,471	±142	2.5%	±1.5	66	±25	13.6%	±12.8
Householder worked	1,206	±99	1.2%	±1.2	1,110	±91	1.4%	±1.3	39	±17	0.0%	±37.2
Householder worked full-time, year-round in the past 12 months	875	±91	1.3%	±1.8	794	±87	1.4%	±2.0	26	±14	0.0%	±45.6
Householder 65 years and over	413	±56	2.2%	±1.6	378	±52	2.4%	±1.7	22	±16	0.0%	±49.6
Family received --												
Supplemental Security Income (SSI) and/or cash public assistance income in the past 12 months	52	±23	0.0%	±30.9	48	±22	0.0%	±32.7	1	±3	0.0%	±100.0
Social security income in the past 12 months	470	±65	3.2%	±2.6	432	±57	3.5%	±2.8	22	±16	0.0%	±49.6
EDUCATIONAL ATTAINMENT OF HOUSEHOLDER												
Less than high school graduate	35	±24	8.6%	±13.9	27	±22	11.1%	±17.8	5	±6	0.0%	±100.0
High school graduate (includes equivalency)	320	±62	0.6%	±1.0	274	±58	0.7%	±1.1	11	±12	0.0%	±70.1
Some college, associate's degree	601	±132	5.7%	±3.7	560	±131	5.0%	±3.8	22	±15	27.3%	±30.8
Bachelor's degree or higher	694	±85	1.0%	±1.0	659	±84	0.6%	±0.7	28	±13	10.7%	±19.0
NUMBER OF RELATED CHILDREN OF THE HOUSEHOLDER UNDER 18 YEARS												
No child	1,051	±96	1.9%	±1.2	987	±92	2.0%	±1.3	36	±19	0.0%	±38.8
1 or 2 children	464	±130	0.6%	±1.1	417	±127	0.0%	±4.7	14	±10	21.4%	±34.9
3 or 4 children	132	±29	15.9%	±11.8	113	±29	13.3%	±12.7	16	±14	37.5%	±41.3

Label	Census Tract 703, Rice County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
5 or more children	3	±4	66.7%	±63.9	3	±4	66.7%	±63.9	0	±13	-	**
NUMBER OF OWN CHILDREN OF THE HOUSEHOLDER UNDER 18 YEARS												
No own child of the householder	1,074	±95	2.4%	±1.3	1,003	±92	2.0%	±1.2	43	±22	14.0%	±18.2
1 or 2 own children of the householder	447	±128	0.7%	±1.2	401	±125	0.0%	±4.9	13	±9	23.1%	±34.8
3 or 4 own children of the householder	126	±29	11.9%	±11.2	113	±29	13.3%	±12.7	10	±12	0.0%	±73.6
5 or more own children of the householder	3	±4	66.7%	±63.9	3	±4	66.7%	±63.9	0	±13	-	**
NUMBER OF PEOPLE IN FAMILY												
2 people	942	±96	2.4%	±1.5	868	±93	2.3%	±1.5	36	±18	8.3%	±15.7
3 or 4 people	532	±134	0.0%	±3.7	498	±132	0.0%	±3.9	14	±10	0.0%	±62.2
5 or 6 people	170	±33	12.4%	±9.3	151	±36	9.9%	±9.5	16	±14	37.5%	±41.3
7 or more people	6	±7	33.3%	±41.4	3	±4	66.7%	±63.9	0	±13	-	**
NUMBER OF WORKERS IN FAMILY												
No workers	208	±41	11.1%	±6.8	204	±42	9.8%	±6.1	4	±6	75.0%	±67.5
1 worker	447	±138	5.1%	±3.7	382	±135	4.5%	±3.8	31	±17	19.4%	±23.6
2 workers	814	±84	0.0%	±2.4	764	±83	0.0%	±2.6	29	±15	0.0%	±43.2
3 or more workers	181	±34	0.0%	±10.5	170	±34	0.0%	±11.1	2	±4	0.0%	±100.0
INCOME DEFICIT												
Mean income deficit for families (dollars)	N	N	(X)	(X)	N	N	(X)	(X)	N	N	(X)	(X)
TENURE												
Owner occupied	1,544	±150	2.8%	±1.5	1,444	±146	2.4%	±1.5	58	±24	15.5%	±14.3
Renter Occupied	106	±39	1.9%	±3.4	76	±31	2.6%	±4.8	8	±7	0.0%	±82.3
ALL FAMILIES WITH INCOME BELOW THE FOLLOWING POVERTY RATIOS												
50 percent of poverty level	28	±19	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

Label	Census Tract 703, Rice County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
125 percent of poverty level	57	±26	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
150 percent of poverty level	78	±32	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
185 percent of poverty level	107	±38	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
200 percent of poverty level	128	±40	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
300 percent of poverty level	291	±57	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
400 percent of poverty level	509	±59	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
500 percent of poverty level	685	±63	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

Label	Census Tract 704, Rice County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Families	1,404	±115	4.3%	±1.9	1,137	±115	2.9%	±1.7	135	±47	14.1%	±11.4
With related children of householder under 18 years	468	±55	4.7%	±3.6	331	±43	0.9%	±1.2	79	±36	24.1%	±18.1
With related children of householder under 5 years	91	±32	8.8%	±10.0	58	±25	0.0%	±28.4	31	±22	25.8%	±29.0
With related children of householder under 5 years and 5 to 17 years	66	±26	0.0%	±25.7	51	±22	0.0%	±31.3	4	±4	0.0%	±100.0
With related children of householder 5 to 17 years	311	±42	4.5%	±4.3	222	±34	1.4%	±1.9	44	±27	25.0%	±23.3
RACE AND HISPANIC OR LATINO ORIGIN												
Families with a householder who is--												
White alone	1,379	±114	4.4%	±1.9	1,112	±115	3.0%	±1.7	135	±47	14.1%	±11.4
Black or African American alone	6	±9	0.0%	±95.0	6	±9	0.0%	±95.0	0	±9	-	**
American Indian and Alaska Native alone	0	±9	-	**	0	±9	-	**	0	±9	-	**
Asian alone	3	±5	0.0%	±100.0	3	±5	0.0%	±100.0	0	±9	-	**
Native Hawaiian and Other Pacific Islander alone	0	±9	-	**	0	±9	-	**	0	±9	-	**
Some other race alone	16	±23	0.0%	±58.2	16	±23	0.0%	±58.2	0	±9	-	**
Two or more races	0	±9	-	**	0	±9	-	**	0	±9	-	**
Hispanic or Latino origin (of any race)	27	±27	0.0%	±44.8	16	±23	0.0%	±58.2	11	±16	0.0%	±70.1

Label	Census Tract 704, Rice County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
White alone, not Hispanic or Latino	1,368	±115	4.4%	±1.9	1,112	±115	3.0%	±1.7	124	±43	15.3%	±13.1
Householder worked	969	±99	2.2%	±1.3	780	±87	0.9%	±0.8	99	±41	9.1%	±10.2
Householder worked full-time, year-round in the past 12 months	729	±85	1.8%	±1.3	580	±74	0.9%	±0.9	64	±34	4.7%	±6.4
Householder 65 years and over	445	±98	3.6%	±2.6	393	±94	3.3%	±2.8	19	±15	0.0%	±53.4
Family received --												
Supplemental Security Income (SSI) and/or cash public assistance income in the past 12 months	45	±23	6.7%	±8.6	31	±16	0.0%	±41.8	5	±5	60.0%	±54.9
Social security income in the past 12 months	520	±99	3.8%	±3.0	452	±95	2.0%	±2.2	32	±20	25.0%	±34.2
EDUCATIONAL ATTAINMENT OF HOUSEHOLDER												
Less than high school graduate	58	±36	5.2%	±7.2	39	±33	0.0%	±37.2	0	±9	-	**
High school graduate (includes equivalency)	392	±64	4.8%	±3.2	269	±53	3.0%	±2.6	57	±26	10.5%	±16.5
Some college, associate's degree	608	±104	2.5%	±2.2	527	±99	0.8%	±0.7	53	±34	20.8%	±21.8
Bachelor's degree or higher	346	±66	6.6%	±5.2	302	±62	7.0%	±6.0	25	±19	8.0%	±11.6
NUMBER OF RELATED CHILDREN OF THE HOUSEHOLDER UNDER 18 YEARS												
No child	936	±117	4.1%	±2.2	806	±115	3.7%	±2.5	56	±27	0.0%	±29.2
1 or 2 children	361	±56	4.4%	±4.4	227	±41	0.0%	±8.4	76	±36	21.1%	±18.0
3 or 4 children	105	±31	5.7%	±5.5	102	±31	2.9%	±4.0	3	±4	100.0%	±100.0

Label	Census Tract 704, Rice County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
5 or more children	2	±4	0.0%	±100.0	2	±4	0.0%	±100.0	0	±9	-	**
NUMBER OF OWN CHILDREN OF THE HOUSEHOLDER UNDER 18 YEARS												
No own child of the householder	989	±121	3.8%	±2.1	842	±118	3.6%	±2.4	60	±26	0.0%	±27.7
1 or 2 own children of the householder	324	±54	4.9%	±4.8	207	±40	0.0%	±9.2	72	±37	22.2%	±18.6
3 or 4 own children of the householder	89	±27	6.7%	±6.2	86	±27	3.5%	±4.5	3	±4	100.0%	±100.0
5 or more own children of the householder	2	±4	0.0%	±100.0	2	±4	0.0%	±100.0	0	±9	-	**
NUMBER OF PEOPLE IN FAMILY												
2 people	833	±114	5.9%	±3.2	716	±117	4.2%	±2.8	69	±31	23.2%	±21.8
3 or 4 people	433	±67	1.8%	±1.6	297	±46	0.0%	±6.5	64	±31	4.7%	±6.2
5 or 6 people	134	±37	2.2%	±3.1	120	±32	2.5%	±3.4	2	±3	0.0%	±100.0
7 or more people	4	±5	0.0%	±100.0	4	±5	0.0%	±100.0	0	±9	-	**
NUMBER OF WORKERS IN FAMILY												
No workers	183	±42	14.8%	±8.2	168	±39	8.3%	±6.0	10	±12	100.0%	±73.6
1 worker	440	±87	5.2%	±4.5	308	±85	4.5%	±5.3	72	±32	12.5%	±13.3
2 workers	607	±78	0.3%	±0.4	539	±74	0.4%	±0.5	42	±21	0.0%	±35.6
3 or more workers	174	±49	4.6%	±4.3	122	±35	2.5%	±3.3	11	±14	0.0%	±70.1
INCOME DEFICIT												
Mean income deficit for families (dollars)	N	N	(X)	(X)	N	N	(X)	(X)	N	N	(X)	(X)
TENURE												
Owner occupied	1,306	±121	3.6%	±1.7	1,105	±116	2.8%	±1.7	74	±27	10.8%	±13.4
Renter Occupied	98	±39	13.3%	±12.4	32	±15	6.3%	±8.9	61	±34	18.0%	±19.7
ALL FAMILIES WITH INCOME BELOW THE FOLLOWING POVERTY RATIOS												
50 percent of poverty level	21	±17	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

Label	Census Tract 704, Rice County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
125 percent of poverty level	90	±34	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
150 percent of poverty level	97	±35	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
185 percent of poverty level	146	±39	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
200 percent of poverty level	153	±40	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
300 percent of poverty level	345	±66	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
400 percent of poverty level	577	±89	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
500 percent of poverty level	736	±93	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

Label	Census Tract 708.01, Rice County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Families	918	±157	4.0%	±5.7	708	±161	0.7%	±2.1	127	±84	25.2%	±38.6
With related children of householder under 18 years	421	±106	8.8%	±12.8	294	±109	1.7%	±5.2	127	±84	25.2%	±38.6
With related children of householder under 5 years	41	±45	0.0%	±36.1	36	±44	0.0%	±38.8	5	±9	0.0%	±100.0
With related children of householder under 5 years and 5 to 17 years	97	±65	38.1%	±45.2	65	±52	7.7%	±25.4	32	±46	100.0%	±41.1
With related children of householder 5 to 17 years	283	±123	0.0%	±6.8	193	±106	0.0%	±9.8	90	±82	0.0%	±19.8
RACE AND HISPANIC OR LATINO ORIGIN												
Families with a householder who is--												
White alone	756	±169	4.2%	±6.2	615	±167	0.0%	±3.2	127	±84	25.2%	±38.6
Black or African American alone	85	±55	5.9%	±17.3	16	±21	31.3%	±68.7	0	±9	-	**
American Indian and Alaska Native alone	0	±9	-	**	0	±9	-	**	0	±9	-	**
Asian alone	36	±46	0.0%	±38.8	36	±46	0.0%	±38.8	0	±9	-	**
Native Hawaiian and Other Pacific Islander alone	0	±9	-	**	0	±9	-	**	0	±9	-	**
Some other race alone	19	±31	0.0%	±53.4	19	±31	0.0%	±53.4	0	±9	-	**
Two or more races	22	±33	0.0%	±49.6	22	±33	0.0%	±49.6	0	±9	-	**
Hispanic or Latino origin (of any race)	74	±51	0.0%	±23.4	54	±54	0.0%	±30.0	20	±29	0.0%	±52.0

Label	Census Tract 708.01, Rice County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
White alone, not Hispanic or Latino	723	±162	4.4%	±6.5	602	±165	0.0%	±3.3	107	±76	29.9%	±45.3
Householder worked	592	±142	0.0%	±3.3	428	±144	0.0%	±4.6	95	±82	0.0%	±18.9
Householder worked full-time, year-round in the past 12 months	476	±143	0.0%	±4.1	354	±134	0.0%	±5.5	53	±49	0.0%	±30.4
Householder 65 years and over	178	±104	0.0%	±10.6	178	±104	0.0%	±10.6	0	±9	-	**
Family received --												
Supplemental Security Income (SSI) and/or cash public assistance income in the past 12 months	62	±50	0.0%	±27.0	48	±49	0.0%	±32.7	0	±9	-	**
Social security income in the past 12 months	256	±130	0.0%	±7.5	242	±129	0.0%	±7.9	0	±9	-	**
EDUCATIONAL ATTAINMENT OF HOUSEHOLDER												
Less than high school graduate	65	±50	7.7%	±22.8	17	±25	29.4%	±70.6	0	±9	-	**
High school graduate (includes equivalency)	250	±129	12.8%	±17.5	142	±92	0.0%	±13.1	94	±76	34.0%	±45.4
Some college, associate's degree	242	±105	0.0%	±7.9	188	±90	0.0%	±10.1	33	±43	0.0%	±40.5
Bachelor's degree or higher	361	±124	0.0%	±5.4	361	±124	0.0%	±5.4	0	±9	-	**
NUMBER OF RELATED CHILDREN OF THE HOUSEHOLDER UNDER 18 YEARS												
No child	497	±152	0.0%	±3.9	414	±140	0.0%	±4.7	0	±9	-	**
1 or 2 children	295	±121	10.8%	±15.7	188	±116	0.0%	±10.1	107	±76	29.9%	±45.3
3 or 4 children	99	±56	0.0%	±18.2	79	±49	0.0%	±22.1	20	±29	0.0%	±52.0

Label	Census Tract 708.01, Rice County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
5 or more children	27	±39	18.5%	±61.3	27	±39	18.5%	±61.3	0	±9	-	**
NUMBER OF OWN CHILDREN OF THE HOUSEHOLDER UNDER 18 YEARS												
No own child of the householder	497	±152	0.0%	±3.9	414	±140	0.0%	±4.7	0	±9	-	**
1 or 2 own children of the householder	295	±121	10.8%	±15.7	188	±116	0.0%	±10.1	107	±76	29.9%	±45.3
3 or 4 own children of the householder	99	±56	0.0%	±18.2	79	±49	0.0%	±22.1	20	±29	0.0%	±52.0
5 or more own children of the householder	27	±39	18.5%	±61.3	27	±39	18.5%	±61.3	0	±9	-	**
NUMBER OF PEOPLE IN FAMILY												
2 people	490	±166	0.0%	±4.0	380	±145	0.0%	±5.1	75	±75	0.0%	±23.1
3 or 4 people	288	±119	11.1%	±15.2	208	±121	0.0%	±9.2	32	±46	100.0%	±41.1
5 or 6 people	113	±58	0.0%	±16.2	93	±51	0.0%	±19.2	20	±29	0.0%	±52.0
7 or more people	27	±39	18.5%	±61.3	27	±39	18.5%	±61.3	0	±9	-	**
NUMBER OF WORKERS IN FAMILY												
No workers	195	±115	16.4%	±22.2	163	±103	0.0%	±11.5	32	±46	100.0%	±41.1
1 worker	284	±135	0.0%	±6.8	175	±101	0.0%	±10.8	95	±82	0.0%	±18.9
2 workers	293	±105	1.7%	±5.4	272	±103	1.8%	±5.8	0	±9	-	**
3 or more workers	146	±77	0.0%	±12.8	98	±83	0.0%	±18.4	0	±9	-	**
INCOME DEFICIT												
Mean income deficit for families (dollars)	N	N	(X)	(X)	N	N	(X)	(X)	N	N	(X)	(X)
TENURE												
Owner occupied	629	±134	0.0%	±3.1	604	±133	0.0%	±3.3	25	±29	0.0%	±46.5
Renter Occupied	289	±122	12.8%	±17.2	104	±92	4.8%	±14.3	102	±76	31.4%	±47.8
ALL FAMILIES WITH INCOME BELOW THE FOLLOWING POVERTY RATIOS												
50 percent of poverty level	32	±46	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

Label	Census Tract 708.01, Rice County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
125 percent of poverty level	59	±62	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
150 percent of poverty level	121	±85	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
185 percent of poverty level	134	±84	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
200 percent of poverty level	134	±84	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
300 percent of poverty level	255	±103	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
400 percent of poverty level	407	±103	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
500 percent of poverty level	590	±148	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

Label	Census Tract 4902, Wabasha County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Families	732	±73	7.7%	±5.1	591	±72	0.3%	±0.6	125	±49	43.2%	±20.6
With related children of householder under 18 years	256	±50	14.8%	±9.0	173	±46	0.0%	±10.9	81	±34	46.9%	±20.8
With related children of householder under 5 years	36	±26	0.0%	±38.8	36	±26	0.0%	±38.8	0	±9	-	**
With related children of householder under 5 years and 5 to 17 years	25	±22	32.0%	±38.9	9	±13	0.0%	±77.5	16	±14	50.0%	±46.2
With related children of householder 5 to 17 years	195	±47	15.4%	±10.4	128	±42	0.0%	±14.4	65	±32	46.2%	±23.0
RACE AND HISPANIC OR LATINO ORIGIN												
Families with a householder who is--												
White alone	718	±73	7.8%	±5.1	585	±71	0.3%	±0.6	117	±49	46.2%	±21.4
Black or African American alone	0	±9	-	**	0	±9	-	**	0	±9	-	**
American Indian and Alaska Native alone	8	±8	0.0%	±82.3	0	±9	-	**	8	±8	0.0%	±82.3
Asian alone	0	±9	-	**	0	±9	-	**	0	±9	-	**
Native Hawaiian and Other Pacific Islander alone	0	±9	-	**	0	±9	-	**	0	±9	-	**
Some other race alone	0	±9	-	**	0	±9	-	**	0	±9	-	**
Two or more races	6	±6	0.0%	±95.0	6	±6	0.0%	±95.0	0	±9	-	**
Hispanic or Latino origin (of any race)	0	±9	-	**	0	±9	-	**	0	±9	-	**

Label	Census Tract 4902, Wabasha County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
White alone, not Hispanic or Latino	718	±73	7.8%	±5.1	585	±71	0.3%	±0.6	117	±49	46.2%	±21.4
Householder worked	471	±52	8.1%	±5.9	363	±52	0.0%	±5.4	92	±38	41.3%	±21.7
Householder worked full-time, year-round in the past 12 months	305	±49	0.0%	±6.3	265	±50	0.0%	±7.3	30	±17	0.0%	±42.5
Householder 65 years and over	286	±53	2.4%	±2.6	258	±52	0.8%	±1.4	20	±17	25.0%	±32.4
Family received --												
Supplemental Security Income (SSI) and/or cash public assistance income in the past 12 months	14	±12	0.0%	±62.2	5	±7	0.0%	±100.0	9	±9	0.0%	±77.5
Social security income in the past 12 months	325	±58	0.6%	±1.1	300	±58	0.7%	±1.2	17	±15	0.0%	±56.4
EDUCATIONAL ATTAINMENT OF HOUSEHOLDER												
Less than high school graduate	26	±21	0.0%	±45.6	22	±20	0.0%	±49.6	4	±6	0.0%	±100.0
High school graduate (includes equivalency)	252	±63	15.1%	±13.1	173	±58	1.2%	±2.2	73	±40	49.3%	±29.4
Some college, associate's degree	227	±54	7.9%	±6.4	186	±52	0.0%	±10.2	39	±23	46.2%	±30.6
Bachelor's degree or higher	227	±55	0.0%	±8.4	210	±53	0.0%	±9.1	9	±9	0.0%	±77.5
NUMBER OF RELATED CHILDREN OF THE HOUSEHOLDER UNDER 18 YEARS												
No child	476	±70	3.8%	±4.7	418	±68	0.5%	±0.9	44	±29	36.4%	±36.7
1 or 2 children	196	±61	15.3%	±10.5	130	±55	0.0%	±14.2	64	±28	46.9%	±23.5
3 or 4 children	60	±26	13.3%	±17.0	43	±22	0.0%	±35.1	17	±16	47.1%	±50.4

Label	Census Tract 4902, Wabasha County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
5 or more children	0	±9	-	**	0	±9	-	**	0	±9	-	**
NUMBER OF OWN CHILDREN OF THE HOUSEHOLDER UNDER 18 YEARS												
No own child of the householder	481	±70	4.8%	±4.8	418	±68	0.5%	±0.9	49	±30	42.9%	±31.6
1 or 2 own children of the householder	191	±61	13.1%	±10.2	130	±55	0.0%	±14.2	59	±28	42.4%	±24.7
3 or 4 own children of the householder	60	±26	13.3%	±17.0	43	±22	0.0%	±35.1	17	±16	47.1%	±50.4
5 or more own children of the householder	0	±9	-	**	0	±9	-	**	0	±9	-	**
NUMBER OF PEOPLE IN FAMILY												
2 people	463	±73	9.3%	±7.6	359	±68	0.6%	±1.0	90	±45	45.6%	±25.6
3 or 4 people	201	±54	6.5%	±6.7	164	±52	0.0%	±11.5	35	±19	37.1%	±32.4
5 or 6 people	68	±35	0.0%	±25.1	68	±35	0.0%	±25.1	0	±9	-	**
7 or more people	0	±9	-	**	0	±9	-	**	0	±9	-	**
NUMBER OF WORKERS IN FAMILY												
No workers	197	±53	6.6%	±8.0	171	±50	1.2%	±2.1	26	±22	42.3%	±46.6
1 worker	132	±36	20.5%	±11.2	70	±29	0.0%	±24.5	54	±25	50.0%	±22.5
2 workers	311	±64	5.1%	±6.8	263	±53	0.0%	±7.3	40	±27	40.0%	±40.1
3 or more workers	92	±42	0.0%	±19.4	87	±41	0.0%	±20.4	5	±7	0.0%	±100.0
INCOME DEFICIT												
Mean income deficit for families (dollars)	N	N	(X)	(X)	N	N	(X)	(X)	N	N	(X)	(X)
TENURE												
Owner occupied	621	±71	1.8%	±1.5	564	±74	0.4%	±0.7	41	±25	22.0%	±21.6
Renter Occupied	111	±47	40.5%	±21.1	27	±17	0.0%	±44.8	84	±44	53.6%	±23.7
ALL FAMILIES WITH INCOME BELOW THE FOLLOWING POVERTY RATIOS												
50 percent of poverty level	49	±37	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

Label	Census Tract 4902, Wabasha County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
125 percent of poverty level	69	±42	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
150 percent of poverty level	91	±44	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
185 percent of poverty level	120	±51	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
200 percent of poverty level	148	±47	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
300 percent of poverty level	253	±52	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
400 percent of poverty level	368	±64	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
500 percent of poverty level	504	±73	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

Label	Census Tract 4905, Wabasha County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Families	1,313	±73	1.8%	±1.2	1,144	±79	0.7%	±0.5	101	±37	12.9%	±12.7
With related children of householder under 18 years	472	±36	4.0%	±3.2	372	±41	1.1%	±1.2	66	±27	19.7%	±18.1
With related children of householder under 5 years	66	±20	0.0%	±25.7	56	±19	0.0%	±29.2	6	±7	0.0%	±95.0
With related children of householder under 5 years and 5 to 17 years	107	±28	8.4%	±8.2	89	±22	2.2%	±3.9	11	±11	63.6%	±39.4
With related children of householder 5 to 17 years	299	±33	3.3%	±3.8	227	±33	0.9%	±1.2	49	±24	12.2%	±19.8
RACE AND HISPANIC OR LATINO ORIGIN												
Families with a householder who is--												
White alone	1,297	±72	1.8%	±1.2	1,138	±77	0.7%	±0.5	91	±34	14.3%	±14.2
Black or African American alone	0	±9	-	**	0	±9	-	**	0	±9	-	**
American Indian and Alaska Native alone	0	±9	-	**	0	±9	-	**	0	±9	-	**
Asian alone	0	±9	-	**	0	±9	-	**	0	±9	-	**
Native Hawaiian and Other Pacific Islander alone	0	±9	-	**	0	±9	-	**	0	±9	-	**
Some other race alone	0	±9	-	**	0	±9	-	**	0	±9	-	**
Two or more races	16	±18	0.0%	±58.2	6	±7	0.0%	±95.0	10	±16	0.0%	±73.6
Hispanic or Latino origin (of any race)	2	±3	0.0%	±100.0	2	±3	0.0%	±100.0	0	±9	-	**

Label	Census Tract 4905, Wabasha County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
White alone, not Hispanic or Latino	1,295	±73	1.8%	±1.2	1,136	±78	0.7%	±0.5	91	±34	14.3%	±14.2
Householder worked	997	±63	1.7%	±1.5	855	±66	0.2%	±0.3	74	±30	17.6%	±16.7
Householder worked full-time, year-round in the past 12 months	723	±61	0.3%	±0.4	627	±60	0.0%	±3.1	46	±20	0.0%	±33.6
Householder 65 years and over	322	±45	1.2%	±1.4	283	±43	1.4%	±1.6	35	±28	0.0%	±39.3
Family received --												
Supplemental Security Income (SSI) and/or cash public assistance income in the past 12 months	44	±17	25.0%	±17.6	35	±13	11.4%	±13.0	8	±9	87.5%	±30.0
Social security income in the past 12 months	416	±51	1.9%	±1.5	374	±47	2.1%	±1.7	35	±28	0.0%	±39.3
EDUCATIONAL ATTAINMENT OF HOUSEHOLDER												
Less than high school graduate	56	±18	16.1%	±15.6	34	±14	5.9%	±11.0	7	±9	100.0%	±87.9
High school graduate (includes equivalency)	402	±54	1.5%	±1.3	359	±51	1.7%	±1.4	27	±16	0.0%	±44.8
Some college, associate's degree	475	±60	0.4%	±0.6	390	±59	0.0%	±5.0	58	±29	0.0%	±28.4
Bachelor's degree or higher	380	±47	1.6%	±2.7	361	±48	0.0%	±5.4	9	±11	66.7%	±53.7
NUMBER OF RELATED CHILDREN OF THE HOUSEHOLDER UNDER 18 YEARS												
No child	841	±77	0.5%	±0.5	772	±81	0.5%	±0.6	35	±27	0.0%	±39.3
1 or 2 children	306	±39	3.3%	±3.8	247	±39	0.8%	±1.1	27	±15	22.2%	±31.7
3 or 4 children	162	±27	5.6%	±5.8	121	±22	1.7%	±2.8	39	±23	17.9%	±22.0

Label	Census Tract 4905, Wabasha County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
5 or more children	4	±3	0.0%	±100.0	4	±3	0.0%	±100.0	0	±9	-	**
NUMBER OF OWN CHILDREN OF THE HOUSEHOLDER UNDER 18 YEARS												
No own child of the householder	864	±77	0.5%	±0.5	777	±81	0.5%	±0.6	49	±30	0.0%	±32.2
1 or 2 own children of the householder	284	±40	3.5%	±4.1	243	±40	0.8%	±1.1	13	±11	46.2%	±49.6
3 or 4 own children of the householder	161	±27	5.6%	±5.8	120	±23	1.7%	±2.9	39	±23	17.9%	±22.0
5 or more own children of the householder	4	±3	0.0%	±100.0	4	±3	0.0%	±100.0	0	±9	-	**
NUMBER OF PEOPLE IN FAMILY												
2 people	726	±82	0.3%	±0.4	646	±79	0.0%	±3.0	34	±28	0.0%	±39.9
3 or 4 people	397	±43	3.0%	±3.0	329	±40	1.8%	±1.6	50	±24	12.0%	±19.6
5 or 6 people	175	±26	5.1%	±5.2	154	±26	1.3%	±2.3	17	±19	41.2%	±49.2
7 or more people	15	±10	0.0%	±60.1	15	±10	0.0%	±60.1	0	±9	-	**
NUMBER OF WORKERS IN FAMILY												
No workers	154	±36	2.6%	±3.0	135	±28	3.0%	±3.4	19	±25	0.0%	±53.4
1 worker	325	±62	4.6%	±4.2	238	±56	0.0%	±8.1	51	±21	25.5%	±21.0
2 workers	631	±61	0.6%	±0.7	582	±60	0.7%	±0.7	21	±13	0.0%	±50.8
3 or more workers	203	±36	0.0%	±9.4	189	±36	0.0%	±10.0	10	±16	0.0%	±73.6
INCOME DEFICIT												
Mean income deficit for families (dollars)	N	N	(X)	(X)	N	N	(X)	(X)	N	N	(X)	(X)
TENURE												
Owner occupied	1,213	±74	0.8%	±0.6	1,082	±78	0.7%	±0.6	73	±35	0.0%	±23.6
Renter Occupied	100	±31	13.0%	±12.3	62	±22	0.0%	±27.0	28	±19	46.4%	±32.7
ALL FAMILIES WITH INCOME BELOW THE FOLLOWING POVERTY RATIOS												
50 percent of poverty level	8	±11	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

Label	Census Tract 4905, Wabasha County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
125 percent of poverty level	50	±23	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
150 percent of poverty level	98	±36	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
185 percent of poverty level	136	±43	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
200 percent of poverty level	144	±43	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
300 percent of poverty level	356	±61	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
400 percent of poverty level	542	±68	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
500 percent of poverty level	737	±70	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

Label	Census Tract 7901, Waseca County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Families	941	±82	6.7%	±6.4	769	±97	0.5%	±1.0	74	±43	0.0%	±23.4
With related children of householder under 18 years	484	±85	12.2%	±12.2	312	±81	0.0%	±6.2	74	±43	0.0%	±23.4
With related children of householder under 5 years	81	±70	0.0%	±21.7	81	±70	0.0%	±21.7	0	±9	-	**
With related children of householder under 5 years and 5 to 17 years	84	±40	25.0%	±30.5	63	±33	0.0%	±26.7	0	±9	-	**
With related children of householder 5 to 17 years	319	±91	11.9%	±15.1	168	±56	0.0%	±11.2	74	±43	0.0%	±23.4
RACE AND HISPANIC OR LATINO ORIGIN												
Families with a householder who is--												
White alone	926	±82	6.8%	±6.5	763	±96	0.5%	±1.0	65	±41	0.0%	±26.0
Black or African American alone	0	±9	-	**	0	±9	-	**	0	±9	-	**
American Indian and Alaska Native alone	9	±16	0.0%	±77.5	0	±9	-	**	9	±16	0.0%	±77.5
Asian alone	0	±9	-	**	0	±9	-	**	0	±9	-	**
Native Hawaiian and Other Pacific Islander alone	0	±9	-	**	0	±9	-	**	0	±9	-	**
Some other race alone	6	±9	0.0%	±95.0	6	±9	0.0%	±95.0	0	±9	-	**
Two or more races	0	±9	-	**	0	±9	-	**	0	±9	-	**
Hispanic or Latino origin (of any race)	80	±58	47.5%	±52.5	42	±51	0.0%	±35.6	0	±9	-	**

Label	Census Tract 7901, Waseca County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
White alone, not Hispanic or Latino	852	±87	2.9%	±3.7	727	±94	0.6%	±1.0	65	±41	0.0%	±26.0
Householder worked	786	±77	7.5%	±7.7	614	±86	0.0%	±3.2	74	±43	0.0%	±23.4
Householder worked full-time, year-round in the past 12 months	601	±93	0.0%	±3.3	509	±91	0.0%	±3.8	53	±37	0.0%	±30.4
Householder 65 years and over	176	±54	2.3%	±4.3	172	±54	2.3%	±4.3	4	±7	0.0%	±100.0
Family received --												
Supplemental Security Income (SSI) and/or cash public assistance income in the past 12 months	36	±31	58.3%	±55.3	6	±11	0.0%	±95.0	9	±16	0.0%	±77.5
Social security income in the past 12 months	191	±58	0.0%	±9.9	187	±58	0.0%	±10.1	4	±7	0.0%	±100.0
EDUCATIONAL ATTAINMENT OF HOUSEHOLDER												
Less than high school graduate	57	±54	0.0%	±28.8	53	±53	0.0%	±30.4	4	±7	0.0%	±100.0
High school graduate (includes equivalency)	216	±86	27.3%	±22.2	157	±60	0.0%	±11.9	0	±9	-	**
Some college, associate's degree	383	±86	1.0%	±1.9	290	±82	1.4%	±2.4	58	±41	0.0%	±28.4
Bachelor's degree or higher	285	±83	0.0%	±6.8	269	±81	0.0%	±7.2	12	±19	0.0%	±67.2
NUMBER OF RELATED CHILDREN OF THE HOUSEHOLDER UNDER 18 YEARS												
No child	457	±105	0.9%	±1.6	457	±105	0.9%	±1.6	0	±9	-	**
1 or 2 children	362	±97	10.5%	±13.6	211	±82	0.0%	±9.0	74	±43	0.0%	±23.4
3 or 4 children	122	±42	17.2%	±23.1	101	±42	0.0%	±17.9	0	±9	-	**

Label	Census Tract 7901, Waseca County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
5 or more children	0	±9	-	**	0	±9	-	**	0	±9	-	**
NUMBER OF OWN CHILDREN OF THE HOUSEHOLDER UNDER 18 YEARS												
No own child of the householder	476	±106	0.8%	±1.6	472	±107	0.8%	±1.6	4	±7	0.0%	±100.0
1 or 2 own children of the householder	343	±96	11.1%	±14.3	196	±81	0.0%	±9.7	70	±42	0.0%	±24.5
3 or 4 own children of the householder	122	±42	17.2%	±23.1	101	±42	0.0%	±17.9	0	±9	-	**
5 or more own children of the householder	0	±9	-	**	0	±9	-	**	0	±9	-	**
NUMBER OF PEOPLE IN FAMILY												
2 people	475	±106	0.8%	±1.6	420	±108	1.0%	±1.8	20	±14	0.0%	±52.0
3 or 4 people	336	±96	11.3%	±14.7	240	±87	0.0%	±8.0	54	±42	0.0%	±30.0
5 or 6 people	124	±42	16.9%	±22.6	103	±44	0.0%	±17.6	0	±9	-	**
7 or more people	6	±11	0.0%	±95.0	6	±11	0.0%	±95.0	0	±9	-	**
NUMBER OF WORKERS IN FAMILY												
No workers	117	±52	3.4%	±7.1	117	±52	3.4%	±7.1	0	±9	-	**
1 worker	205	±68	28.8%	±25.1	69	±31	0.0%	±24.8	45	±39	0.0%	±34.1
2 workers	555	±91	0.0%	±3.5	519	±91	0.0%	±3.8	29	±21	0.0%	±43.2
3 or more workers	64	±39	0.0%	±26.3	64	±39	0.0%	±26.3	0	±9	-	**
INCOME DEFICIT												
Mean income deficit for families (dollars)	N	N	(X)	(X)	N	N	(X)	(X)	N	N	(X)	(X)
TENURE												
Owner occupied	794	±96	0.5%	±0.9	729	±96	0.5%	±1.0	26	±22	0.0%	±45.6
Renter Occupied	147	±72	40.1%	±32.2	40	±30	0.0%	±36.7	48	±44	0.0%	±32.7
ALL FAMILIES WITH INCOME BELOW THE FOLLOWING POVERTY RATIOS												
50 percent of poverty level	25	±31	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

Label	Census Tract 7901, Waseca County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
125 percent of poverty level	146	±69	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
150 percent of poverty level	178	±79	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
185 percent of poverty level	185	±80	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
200 percent of poverty level	194	±82	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
300 percent of poverty level	352	±101	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
400 percent of poverty level	515	±110	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
500 percent of poverty level	687	±112	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

Label	Census Tract 7903, Waseca County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Families	737	±82	6.8%	±3.0	622	±74	4.2%	±1.7	65	±28	16.9%	±18.2
With related children of householder under 18 years	365	±76	11.2%	±5.7	269	±66	6.7%	±3.1	53	±27	18.9%	±21.0
With related children of householder under 5 years	61	±24	8.2%	±6.8	48	±16	10.4%	±8.6	3	±4	0.0%	±100.0
With related children of householder under 5 years and 5 to 17 years	49	±17	2.0%	±4.1	37	±16	2.7%	±5.5	7	±7	0.0%	±87.9
With related children of householder 5 to 17 years	255	±74	13.7%	±8.4	184	±66	6.5%	±4.1	43	±25	23.3%	±24.2
RACE AND HISPANIC OR LATINO ORIGIN												
Families with a householder who is--												
White alone	730	±81	6.3%	±3.0	617	±74	3.6%	±1.6	63	±28	17.5%	±18.9
Black or African American alone	0	±9	-	**	0	±9	-	**	0	±9	-	**
American Indian and Alaska Native alone	0	±9	-	**	0	±9	-	**	0	±9	-	**
Asian alone	4	±4	100.0%	±100.0	4	±4	100.0%	±100.0	0	±9	-	**
Native Hawaiian and Other Pacific Islander alone	0	±9	-	**	0	±9	-	**	0	±9	-	**
Some other race alone	0	±9	-	**	0	±9	-	**	0	±9	-	**
Two or more races	3	±4	0.0%	±100.0	1	±2	0.0%	±100.0	2	±3	0.0%	±100.0
Hispanic or Latino origin (of any race)	69	±56	14.5%	±21.3	49	±51	0.0%	±32.2	20	±22	50.0%	±50.0

Label	Census Tract 7903, Waseca County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
White alone, not Hispanic or Latino	661	±55	5.4%	±2.9	568	±50	3.9%	±1.8	43	±17	2.3%	±6.5
Householder worked	570	±74	4.6%	±2.8	478	±66	3.3%	±1.8	58	±27	17.2%	±19.3
Householder worked full-time, year-round in the past 12 months	406	±71	2.2%	±1.4	333	±63	2.7%	±1.8	43	±23	0.0%	±35.1
Householder 65 years and over	187	±39	2.7%	±3.4	172	±38	2.3%	±3.1	9	±6	11.1%	±29.5
Family received --												
Supplemental Security Income (SSI) and/or cash public assistance income in the past 12 months	38	±20	44.7%	±32.9	15	±8	26.7%	±20.5	10	±7	0.0%	±73.6
Social security income in the past 12 months	203	±42	7.4%	±6.6	174	±38	2.3%	±3.1	22	±14	50.0%	±32.7
EDUCATIONAL ATTAINMENT OF HOUSEHOLDER												
Less than high school graduate	60	±52	0.0%	±27.7	55	±52	0.0%	±29.6	0	±9	-	**
High school graduate (includes equivalency)	226	±48	10.2%	±8.2	178	±43	5.1%	±3.4	23	±11	4.3%	±11.3
Some college, associate's degree	323	±51	8.0%	±4.6	267	±39	6.0%	±3.1	38	±24	26.3%	±28.9
Bachelor's degree or higher	128	±25	0.8%	±1.7	122	±25	0.8%	±1.8	4	±5	0.0%	±100.0
NUMBER OF RELATED CHILDREN OF THE HOUSEHOLDER UNDER 18 YEARS												
No child	372	±39	2.4%	±2.0	353	±39	2.3%	±1.9	12	±7	8.3%	±22.8
1 or 2 children	315	±76	12.1%	±6.7	222	±65	6.8%	±3.8	53	±27	18.9%	±21.0
3 or 4 children	44	±16	6.8%	±7.9	41	±15	7.3%	±8.5	0	±9	-	**

Label	Census Tract 7903, Waseca County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
5 or more children	6	±5	0.0%	±95.0	6	±5	0.0%	±95.0	0	±9	-	**
NUMBER OF OWN CHILDREN OF THE HOUSEHOLDER UNDER 18 YEARS												
No own child of the householder	400	±40	4.8%	±3.6	363	±37	2.2%	±1.9	29	±15	37.9%	±31.3
1 or 2 own children of the householder	287	±75	9.8%	±6.2	212	±64	7.1%	±4.0	36	±21	0.0%	±38.8
3 or 4 own children of the householder	44	±16	6.8%	±7.9	41	±15	7.3%	±8.5	0	±9	-	**
5 or more own children of the householder	6	±5	0.0%	±95.0	6	±5	0.0%	±95.0	0	±9	-	**
NUMBER OF PEOPLE IN FAMILY												
2 people	351	±47	6.0%	±5.5	292	±41	2.7%	±2.3	23	±18	0.0%	±48.5
3 or 4 people	306	±68	5.2%	±3.0	260	±65	5.8%	±3.3	32	±14	3.1%	±8.5
5 or 6 people	71	±23	15.5%	±15.6	61	±20	1.6%	±3.3	10	±12	100.0%	±73.6
7 or more people	9	±6	22.2%	±24.8	9	±6	22.2%	±24.8	0	±9	-	**
NUMBER OF WORKERS IN FAMILY												
No workers	90	±28	18.9%	±18.4	75	±22	5.3%	±6.9	0	±9	-	**
1 worker	175	±33	5.7%	±4.0	121	±25	8.3%	±5.8	28	±13	0.0%	±44.0
2 workers	326	±46	6.4%	±4.5	284	±37	3.5%	±2.7	33	±24	33.3%	±33.9
3 or more workers	146	±62	1.4%	±1.6	142	±62	1.4%	±1.7	4	±5	0.0%	±100.0
INCOME DEFICIT												
Mean income deficit for families (dollars)	N	N	(X)	(X)	N	N	(X)	(X)	N	N	(X)	(X)
TENURE												
Owner occupied	637	±71	3.9%	±1.6	578	±67	4.2%	±1.7	32	±11	3.1%	±8.3
Renter Occupied	100	±43	25.0%	±18.5	44	±28	4.5%	±6.4	33	±23	30.3%	±31.2
ALL FAMILIES WITH INCOME BELOW THE FOLLOWING POVERTY RATIOS												
50 percent of poverty level	13	±14	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

Label	Census Tract 7903, Waseca County, Minnesota											
	All families				Married-couple families				Female householder, no spouse present			
	Total		Percent below poverty level		Total		Percent below poverty level		Total		Percent below poverty level	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
125 percent of poverty level	61	±25	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
150 percent of poverty level	94	±28	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
185 percent of poverty level	134	±37	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
200 percent of poverty level	152	±42	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
300 percent of poverty level	292	±46	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
400 percent of poverty level	408	±56	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
500 percent of poverty level	529	±61	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

LEP_Tracts

Label	Census Tract 1701, Blue Earth County, Minnesota								Census Tract 1702, Blue Earth County, Minnesota							
	Total		Percent		Limited English-speaking households		Percent limited English-speaking households		Total		Percent		Limited English-speaking households		Percent limited English-speaking households	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
All households	2,004	±123	(X)	(X)	1	±2	0.0%	±0.1	2,999	±281	(X)	(X)	19	±29	0.6%	±1.0
Households speaking --																
Spanish	42	±33	2.1%	±1.6	1	±2	2.4%	±6.3	60	±53	2.0%	±1.8	0	±13	0.0%	±27.7
Other Indo-European languages	9	±8	0.4%	±0.4	0	±13	0.0%	±77.5	27	±27	0.9%	±0.9	0	±13	0.0%	±44.8
Asian and Pacific Island languages	10	±12	0.5%	±0.6	0	±13	0.0%	±73.6	35	±28	1.2%	±1.0	0	±13	0.0%	±39.3
Other languages	0	±13	0.0%	±1.0	0	±13	-	**	30	±30	1.0%	±1.0	19	±29	63.3%	±49.6

LEP_Tracts

Label	Census Tract 1703, Blue Earth County, Minnesota								Census Tract 1704, Blue Earth County, Minnesota							
	Total		Percent		Limited English-speaking households		Percent limited English-speaking households		Total		Percent		Limited English-speaking households		Percent limited English-speaking households	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
All households	1,336	±165	(X)	(X)	11	±18	0.80%	±1.3	1,672	±168	(X)	(X)	55	±80	3.30%	±4.7
Households speaking --																
Spanish	69	±61	5.20%	±4.7	0	±9	0.00%	±24.8	4	±7	0.20%	±0.4	1	±3	25.00%	±75.0
Other Indo-European languages	9	±15	0.70%	±1.1	0	±9	0.00%	±77.5	0	±9	0.00%	±1.2	0	±9	-	**
Asian and Pacific Island languages	7	±12	0.50%	±0.9	0	±9	0.00%	±87.9	10	±17	0.60%	±1.0	0	±9	0.00%	±73.6
Other languages	11	±18	0.80%	±1.3	11	±18	100.00%	±70.1	111	±94	6.60%	±5.4	54	±80	48.60%	±51.4

LEP_Tracts

Label	Census Tract 807, Goodhue County, Minnesota								Census Tract 808, Goodhue County, Minnesota							
	Total		Percent		Limited English-speaking households		Percent limited English-speaking households		Total		Percent		Limited English-speaking households		Percent limited English-speaking households	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
All households	1,445	±101	(X)	(X)	1	±2	0.1%	±0.2	1,667	±128	(X)	(X)	0	±9	0.0%	±1.2
Households speaking --																
Spanish	31	±17	2.1%	±1.2	0	±9	0.0%	±41.8	38	±37	2.3%	±2.2	0	±9	0.0%	±37.7
Other Indo-European languages	8	±7	0.6%	±0.5	0	±9	0.0%	±82.3	0	±9	0.0%	±1.2	0	±9	-	**
Asian and Pacific Island languages	5	±5	0.3%	±0.3	1	±2	20.0%	±49.0	0	±9	0.0%	±1.2	0	±9	-	**
Other languages	0	±9	0.0%	±1.4	0	±9	-	**	0	±9	0.0%	±1.2	0	±9	-	**

LEP_Tracts

Label	Census Tract 809, Goodhue County, Minnesota								Census Tract 9504, Le Sueur County, Minnesota							
	Total		Percent		Limited English-speaking households		Percent limited English-speaking households		Total		Percent		Limited English-speaking households		Percent limited English-speaking households	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
All households	2,718	±175	(X)	(X)	31	±30	1.1%	±1.1	1,561	±117	(X)	(X)	0	±9	0.0%	±1.3
Households speaking --																
Spanish	24	±25	0.9%	±0.9	15	±21	62.5%	±51.0	26	±15	1.7%	±0.9	0	±9	0.0%	±45.6
Other Indo-European languages	28	±29	1.0%	±1.1	0	±13	0.0%	±44.0	3	±6	0.2%	±0.4	0	±9	0.0%	±100.0
Asian and Pacific Island languages	29	±25	1.1%	±0.9	16	±20	55.2%	±46.0	4	±6	0.3%	±0.4	0	±9	0.0%	±100.0
Other languages	0	±13	0.0%	±0.7	0	±13	-	**	3	±6	0.2%	±0.4	0	±9	0.0%	±100.0

LEP_Tracts

Label	Census Tract 9505, Le Sueur County, Minnesota								Census Tract 16.03, Olmsted County, Minnesota							
	Total		Percent		Limited English-speaking households		Percent limited English-speaking households		Total		Percent		Limited English-speaking households		Percent limited English-speaking households	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
All households	1,620	±100	(X)	(X)	69	±37	4.3%	±2.3	1,701	±147	(X)	(X)	1	±2	0.1%	±0.1
Households speaking --																
Spanish	131	±44	8.1%	±2.6	57	±36	43.5%	±21.5	23	±19	1.4%	±1.1	1	±2	4.3%	±10.5
Other Indo-European languages	15	±13	0.9%	±0.8	0	±9	0.0%	±60.1	39	±26	2.3%	±1.6	0	±9	0.0%	±37.2
Asian and Pacific Island languages	2	±7	0.1%	±0.4	1	±4	50.0%	±50.0	140	±66	8.2%	±3.7	0	±9	0.0%	±13.3
Other languages	11	±17	0.7%	±1.1	11	±17	100.0%	±70.1	3	±4	0.2%	±0.2	0	±9	0.0%	±100.0

LEP_Tracts

Label	Census Tract 17.03, Olmsted County, Minnesota								Census Tract 19.01, Olmsted County, Minnesota							
	Total		Percent		Limited English-speaking households		Percent limited English-speaking households		Total		Percent		Limited English-speaking households		Percent limited English-speaking households	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
All households	2,215	±125	(X)	(X)	118	±81	5.30%	±3.7	1,224	±126	(X)	(X)	0	±9	0.0%	±1.6
Households speaking --																
Spanish	58	±70	2.60%	±3.2	54	±70	93.10%	±23.3	18	±17	1.5%	±1.4	0	±9	0.0%	±54.8
Other Indo-European languages	59	±42	2.70%	±2.0	0	±13	0.00%	±28.1	12	±10	1.0%	±0.8	0	±9	0.0%	±67.2
Asian and Pacific Island languages	168	±60	7.60%	±2.8	64	±44	38.10%	±21.2	6	±7	0.5%	±0.5	0	±9	0.0%	±95.0
Other languages	0	±13	0.00%	±0.9	0	±13	-	**	0	±9	0.0%	±1.6	0	±9	-	**

LEP_Tracts

Label	Census Tract 19.02, Olmsted County, Minnesota								Census Tract 703, Rice County, Minnesota							
	Total		Percent		Limited English-speaking households		Percent limited English-speaking households		Total		Percent		Limited English-speaking households		Percent limited English-speaking households	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
All households	1,560	±117	(X)	(X)	0	±9	0.0%	±1.3	1,970	±130	(X)	(X)	0	±9	0.0%	±1.0
Households speaking --																
Spanish	14	±9	0.9%	±0.6	0	±9	0.0%	±62.2	36	±25	1.8%	±1.3	0	±9	0.0%	±38.8
Other Indo-European languages	19	±16	1.2%	±1.0	0	±9	0.0%	±53.4	8	±7	0.4%	±0.3	0	±9	0.0%	±82.3
Asian and Pacific Island languages	2	±5	0.1%	±0.4	0	±9	0.0%	±100.0	0	±9	0.0%	±1.0	0	±9	-	**
Other languages	0	±9	0.0%	±1.3	0	±9	-	**	0	±9	0.0%	±1.0	0	±9	-	**

LEP_Tracts

Label	Census Tract 704, Rice County, Minnesota								Census Tract 708.01, Rice County, Minnesota							
	Total		Percent		Limited English-speaking households		Percent limited English-speaking households		Total		Percent		Limited English-speaking households		Percent limited English-speaking households	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
All households	1,763	±108	(X)	(X)	0	±9	0.0%	±1.1	1,674	±331	(X)	(X)	198	±148	11.8%	±8.4
Households speaking --																
Spanish	38	±33	2.2%	±1.9	0	±9	0.0%	±37.7	136	±69	8.1%	±4.7	0	±9	0.0%	±13.6
Other Indo-European languages	7	±6	0.4%	±0.4	0	±9	0.0%	±87.9	0	±9	0.0%	±1.2	0	±9	-	**
Asian and Pacific Island languages	1	±3	0.1%	±0.1	0	±9	0.0%	±100.0	6	±24	0.4%	±1.4	6	±24	100.0%	±95.0
Other languages	0	±9	0.0%	±1.1	0	±9	-	**	274	±144	16.4%	±8.0	192	±145	70.1%	±23.8

LEP_Tracts

Label	Census Tract 4902, Wabasha County, Minnesota								Census Tract 4905, Wabasha County, Minnesota							
	Total		Percent		Limited English-speaking households		Percent limited English-speaking households		Total		Percent		Limited English-speaking households		Percent limited English-speaking households	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
All households	1,339	±84	(X)	(X)	0	±9	0.0%	±1.5	1,341	±82	(X)	(X)	1	±2	0.1%	±0.2
Households speaking --																
Spanish	14	±12	1.0%	±0.9	0	±9	0.0%	±62.2	36	±21	2.7%	±1.5	1	±2	2.8%	±5.7
Other Indo-European languages	11	±7	0.8%	±0.5	0	±9	0.0%	±70.1	2	±3	0.1%	±0.2	0	±9	0.0%	±100.0
Asian and Pacific Island languages	11	±18	0.8%	±1.3	0	±9	0.0%	±70.1	26	±16	1.9%	±1.1	0	±9	0.0%	±45.6
Other languages	0	±9	0.0%	±1.5	0	±9	-	**	0	±9	0.0%	±1.5	0	±9	-	**

LEP_Tracts

Label	Census Tract 7901, Waseca County, Minnesota								Census Tract 7903, Waseca County, Minnesota							
	Total		Percent		Limited English-speaking households		Percent limited English-speaking households		Total		Percent		Limited English-speaking households		Percent limited English-speaking households	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
All households	1,465	±116	(X)	(X)	0	±9	0.0%	±1.4	1,302	±103	(X)	(X)	0	±9	0.0%	±1.5
Households speaking --																
Spanish	4	±7	0.3%	±0.5	0	±9	0.0%	±100.0	18	±12	1.4%	±0.9	0	±9	0.0%	±54.8
Other Indo-European languages	0	±9	0.0%	±1.4	0	±9	-	**	12	±13	0.9%	±1.0	0	±9	0.0%	±67.2
Asian and Pacific Island languages	1	±3	0.1%	±0.2	0	±9	0.0%	±100.0	2	±3	0.2%	±0.2	0	±9	0.0%	±100.0
Other languages	0	±9	0.0%	±1.4	0	±9	-	**	3	±3	0.2%	±0.2	0	±9	0.0%	±100.0

Poverty_Block Group

Label	Block Group 1, Census Tract 1701, Blue Earth County, Minnesota		Block Group 2, Census Tract 1701, Blue Earth County, Minnesota		Block Group 3, Census Tract 1701, Blue Earth County, Minnesota		Block Group 2, Census Tract 1702, Blue Earth County, Minnesota		Block Group 3, Census Tract 1702, Blue Earth County, Minnesota		Block Group 1, Census Tract 1703, Blue Earth County, Minnesota		Block Group 1, Census Tract 1704, Blue Earth County, Minnesota	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Route Option Crossed	1I, 1J, 1O	1I, 1J, 1O	1D, 1J, 1O	1D, 1J, 1O	1I	1I	1A, 1B	1A, 1B	1A, 1B, 1I	1A, 1B, 1I	1B	1B	1B	1B
Percent Below Poverty	4.00%		1.55%		6.21%		6.92%		1.00%		36.16%		0.00%	
Total:	550	±90	323	±74	564	±71	939	±127	299	±115	318	±134	456	±141
Income in the past 12 months below poverty level:	22	±16	5	±5	35	±32	65	±43	3	±3	115	±91	0	±9
Married-couple family:	9	±10	2	±3	0	±9	21	±25	3	±3	0	±9	0	±9
With related children of the householder under 18 years:	2	±3	0	±9	0	±9	16	±25	1	±3	0	±9	0	±9
Under 5 years only	0	±9	0	±9	0	±9	16	±25	1	±3	0	±9	0	±9
Under 5 years and 5 to 17 years	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9
5 to 17 years only	2	±3	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9
No related children of the householder under 18 years	7	±9	2	±3	0	±9	5	±6	2	±3	0	±9	0	±9
Other family:	13	±15	3	±4	35	±32	44	±50	0	±9	115	±91	0	±9
Male householder, no spouse present:	8	±13	0	±9	0	±9	0	±9	0	±9	32	±48	0	±9
With related children of the householder under 18 years:	0	±9	0	±9	0	±9	0	±9	0	±9	32	±48	0	±9
Under 5 years only	0	±9	0	±9	0	±9	0	±9	0	±9	32	±48	0	±9
Under 5 years and 5 to 17 years	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9
5 to 17 years only	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9
No related children of the householder under 18 years	8	±13	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9
Female householder, no spouse present:	5	±7	3	±4	35	±32	44	±50	0	±9	83	±82	0	±9
With related children of the householder under 18 years:	5	±7	3	±4	35	±32	44	±50	0	±9	83	±82	0	±9
Under 5 years only	0	±9	0	±9	14	±23	0	±9	0	±9	61	±79	0	±9
Under 5 years and 5 to 17 years	4	±6	0	±9	13	±20	0	±9	0	±9	11	±18	0	±9
5 to 17 years only	1	±2	3	±4	8	±10	44	±50	0	±9	11	±16	0	±9
No related children of the householder under 18 years	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9
Income in the past 12 months at or above poverty level:	528	±90	318	±74	529	±74	874	±137	296	±114	203	±109	456	±141
Married-couple family:	418	±81	267	±75	409	±65	745	±146	192	±60	123	±94	346	±107
With related children of the householder under 18 years:	120	±44	97	±36	189	±46	412	±128	107	±57	65	±83	121	±94
Under 5 years only	20	±19	26	±17	46	±26	145	±111	40	±39	50	±80	0	±9
Under 5 years and 5 to 17 years	27	±14	18	±21	57	±27	68	±57	19	±26	0	±9	54	±80
5 to 17 years only	73	±29	53	±22	86	±30	199	±70	48	±40	15	±18	67	±64
No related children of the householder under 18 years	298	±75	170	±61	220	±46	333	±91	85	±37	58	±37	225	±70
Other family:	110	±44	51	±26	120	±42	129	±63	104	±98	80	±58	110	±89
Male householder, no spouse present:	34	±21	20	±15	50	±29	50	±41	28	±42	37	±36	84	±88
With related children of the householder under 18 years:	31	±21	14	±16	47	±28	46	±40	1	±3	29	±34	76	±92
Under 5 years only	3	±4	0	±9	5	±7	28	±31	0	±9	29	±34	0	±9

Appendix W

Mankato – Mississippi River Transmission Project
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E002/CN-22-532 and E002/TL-23-157

Poverty_Block Group

Label	Block Group 1, Census Tract 1701, Blue Earth County, Minnesota		Block Group 2, Census Tract 1701, Blue Earth County, Minnesota		Block Group 3, Census Tract 1701, Blue Earth County, Minnesota		Block Group 2, Census Tract 1702, Blue Earth County, Minnesota		Block Group 3, Census Tract 1702, Blue Earth County, Minnesota		Block Group 1, Census Tract 1703, Blue Earth County, Minnesota		Block Group 1, Census Tract 1704, Blue Earth County, Minnesota	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Under 5 years and 5 to 17 years	0	±9	0	±9	15	±22	0	±9	0	±9	0	±9	64	±89
5 to 17 years only	28	±21	14	±16	27	±18	18	±22	1	±3	0	±9	12	±17
No related children of the householder under 18 years	3	±5	6	±5	3	±5	4	±5	27	±42	8	±12	8	±12
Female householder, no spouse present:	76	±46	31	±27	70	±34	79	±48	76	±88	43	±48	26	±20
With related children of the householder under 18 years:	74	±44	13	±10	18	±14	68	±45	14	±19	43	±48	0	±9
Under 5 years only	6	±9	0	±9	0	±9	0	±9	10	±17	0	±9	0	±9
Under 5 years and 5 to 17 years	0	±9	0	±9	0	±9	19	±28	0	±9	0	±9	0	±9
5 to 17 years only	68	±44	13	±10	18	±14	49	±34	4	±7	43	±48	0	±9
No related children of the householder under 18 years	2	±4	18	±26	52	±32	11	±14	62	±86	0	±9	26	±20

Poverty_Block Group

Label	Block Group 1, Census Tract 807, Goodhue County, Minnesota		Block Group 2, Census Tract 807, Goodhue County, Minnesota		Block Group 3, Census Tract 807, Goodhue County, Minnesota		Block Group 1, Census Tract 808, Goodhue County, Minnesota		Block Group 2, Census Tract 808, Goodhue County, Minnesota		Block Group 3, Census Tract 808, Goodhue County, Minnesota		Block Group 1, Census Tract 809, Goodhue County, Minnesota		Block Group 2, Census Tract 809, Goodhue County, Minnesota	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Route Option Crossed	2C	2C	2F	2F	2C, 2F	2C, 2F	2C, 2D, 2F, 3A, 4D	2C, 2D, 2F, 3A, 4D	4D, 3A, 4A, 4K	4D, 3A, 4A, 4K	3A, 4A, 4B, 4C	3A, 4A, 4B, 4C	2C	2C	2C	2C
Percent Below Poverty	5.22%		1.94%		8.69%		3.66%		1.14%		1.60%		3.11%		7.17%	
Total:	249	±39	206	±35	495	±71	465	±75	350	±76	312	±66	418	±74	307	±60
Income in the past 12 months below poverty level:	13	±7	4	±5	43	±31	17	±16	4	±8	5	±8	13	±11	22	±15
Married-couple family:	9	±7	1	±2	7	±7	17	±16	0	±9	5	±8	4	±5	3	±4
With related children of the householder under 18 years:	1	±2	1	±2	0	±9	9	±15	0	±9	0	±9	0	±9	3	±4
Under 5 years only	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9
Under 5 years and 5 to 17 years	0	±9	1	±2	0	±9	0	±9	0	±9	0	±9	0	±9	3	±4
5 to 17 years only	1	±2	0	±9	0	±9	9	±15	0	±9	0	±9	0	±9	0	±9
No related children of the householder under 18 years	8	±7	0	±9	7	±7	8	±8	0	±9	5	±8	4	±5	0	±9
Other family:	4	±3	3	±4	36	±31	0	±9	4	±8	0	±9	9	±9	19	±14
Male householder, no spouse present:	1	±2	0	±9	3	±4	0	±9	0	±9	0	±9	5	±8	0	±9
With related children of the householder under 18 years:	0	±9	0	±9	3	±4	0	±9	0	±9	0	±9	5	±8	0	±9
Under 5 years only	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9
Under 5 years and 5 to 17 years	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9
5 to 17 years only	0	±9	0	±9	3	±4	0	±9	0	±9	0	±9	5	±8	0	±9
No related children of the householder under 18 years	1	±2	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9
Female householder, no spouse present:	3	±3	3	±4	33	±31	0	±9	4	±8	0	±9	4	±6	19	±14
With related children of the householder under 18 years:	3	±3	3	±4	33	±31	0	±9	4	±8	0	±9	4	±6	19	±14
Under 5 years only	0	±9	0	±9	21	±26	0	±9	0	±9	0	±9	0	±9	3	±5
Under 5 years and 5 to 17 years	1	±2	0	±9	3	±5	0	±9	0	±9	0	±9	0	±9	13	±14
5 to 17 years only	2	±3	3	±4	9	±14	0	±9	4	±8	0	±9	4	±6	3	±5
No related children of the householder under 18 years	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9
Income in the past 12 months at or above poverty level:	236	±38	202	±33	452	±62	448	±73	346	±77	307	±66	405	±74	285	±60
Married-couple family:	208	±35	183	±32	334	±58	377	±66	225	±66	273	±59	373	±74	237	±59
With related children of the householder under 18 years:	47	±13	53	±17	125	±29	178	±60	80	±44	208	±54	156	±51	95	±48
Under 5 years only	4	±6	8	±5	8	±6	26	±17	26	±23	34	±25	35	±16	11	±9
Under 5 years and 5 to 17 years	0	±9	8	±7	25	±14	39	±23	4	±4	32	±36	14	±11	26	±20
5 to 17 years only	43	±12	37	±13	92	±26	113	±53	50	±37	142	±54	107	±54	58	±39
No related children of the householder under 18 years	161	±35	130	±25	209	±49	199	±43	145	±52	65	±34	217	±59	142	±39
Other family:	28	±14	19	±10	118	±38	71	±45	121	±80	34	±33	32	±25	48	±27
Male householder, no spouse present:	18	±13	6	±5	47	±25	50	±38	26	±28	0	±9	14	±13	7	±8
With related children of the householder under 18 years:	6	±5	5	±4	30	±20	44	±38	26	±28	0	±9	9	±12	0	±9
Under 5 years only	0	±9	3	±4	3	±4	0	±9	0	±9	0	±9	0	±9	0	±9

Appendix W

Mankato – Mississippi River Transmission Project
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E002/CN-22-532 and E002/TL-23-157

Poverty_Block Group

Label	Block Group 1, Census Tract 807, Goodhue County, Minnesota		Block Group 2, Census Tract 807, Goodhue County, Minnesota		Block Group 3, Census Tract 807, Goodhue County, Minnesota		Block Group 1, Census Tract 808, Goodhue County, Minnesota		Block Group 2, Census Tract 808, Goodhue County, Minnesota		Block Group 3, Census Tract 808, Goodhue County, Minnesota		Block Group 1, Census Tract 809, Goodhue County, Minnesota		Block Group 2, Census Tract 809, Goodhue County, Minnesota	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Under 5 years and 5 to 17 years	0	±9	1	±2	4	±5	12	±13	0	±9	0	±9	0	±9	0	±9
5 to 17 years only	6	±5	1	±2	23	±19	32	±34	26	±28	0	±9	9	±12	0	±9
No related children of the householder under 18 years	12	±12	1	±2	17	±12	6	±6	0	±9	0	±9	5	±6	7	±8
Female householder, no spouse present:	10	±7	13	±8	71	±27	21	±18	95	±79	34	±33	18	±22	41	±25
With related children of the householder under 18 years:	4	±4	1	±2	42	±23	11	±12	95	±79	8	±13	13	±21	33	±23
Under 5 years only	0	±9	0	±9	4	±5	0	±9	0	±9	0	±9	0	±9	4	±6
Under 5 years and 5 to 17 years	0	±9	0	±9	0	±9	0	±9	68	±79	0	±9	0	±9	5	±7
5 to 17 years only	4	±4	1	±2	38	±22	11	±12	27	±24	8	±13	13	±21	24	±21
No related children of the householder under 18 years	6	±4	12	±8	29	±17	10	±12	0	±9	26	±31	5	±5	8	±10

Poverty_Block Group

Label	Block Group 1, Census Tract 9504, Le Sueur County, Minnesota		Block Group 2, Census Tract 9504, Le Sueur County, Minnesota		Block Group 3, Census Tract 9504, Le Sueur County, Minnesota		Block Group 4, Census Tract 9504, Le Sueur County, Minnesota		Block Group 3, Census Tract 9505, Le Sueur County, Minnesota	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Route Option Crossed	1D, 1E, 1F, 1J	1D, 1E, 1F, 1J	1F, 1K	1F, 1K	1F, 1L, 1M	1F, 1L, 1M	1K, 1L, 1M	1K, 1L, 1M	1E	1E
Percent Below Poverty	0.97%		2.16%		1.59%		12.84%		3.55%	
Total:	309	±47	278	±64	189	±57	218	±51	535	±61
Income in the past 12 months below poverty level:	3	±4	6	±7	3	±4	28	±24	19	±17
Married-couple family:	0	±9	0	±9	3	±4	4	±6	8	±7
With related children of the householder under 18 years:	0	±9	0	±9	0	±9	0	±9	0	±9
Under 5 years only	0	±9	0	±9	0	±9	0	±9	0	±9
Under 5 years and 5 to 17 years	0	±9	0	±9	0	±9	0	±9	0	±9
5 to 17 years only	0	±9	0	±9	0	±9	0	±9	0	±9
No related children of the householder under 18 years	0	±9	0	±9	3	±4	4	±6	8	±7
Other family:	3	±4	6	±7	0	±9	24	±24	11	±14
Male householder, no spouse present:	0	±9	0	±9	0	±9	0	±9	0	±9
With related children of the householder under 18 years:	0	±9	0	±9	0	±9	0	±9	0	±9
Under 5 years only	0	±9	0	±9	0	±9	0	±9	0	±9
Under 5 years and 5 to 17 years	0	±9	0	±9	0	±9	0	±9	0	±9
5 to 17 years only	0	±9	0	±9	0	±9	0	±9	0	±9
No related children of the householder under 18 years	0	±9	0	±9	0	±9	0	±9	0	±9
Female householder, no spouse present:	3	±4	6	±7	0	±9	24	±24	11	±14
With related children of the householder under 18 years:	3	±4	6	±7	0	±9	24	±24	11	±14
Under 5 years only	0	±9	0	±9	0	±9	3	±5	0	±9
Under 5 years and 5 to 17 years	0	±9	3	±5	0	±9	0	±9	0	±9
5 to 17 years only	3	±4	3	±4	0	±9	21	±23	11	±14
No related children of the householder under 18 years	0	±9	0	±9	0	±9	0	±9	0	±9
Income in the past 12 months at or above poverty level:	306	±47	272	±65	186	±56	190	±48	516	±63
Married-couple family:	265	±37	219	±55	178	±57	164	±50	490	±64
With related children of the householder under 18 years:	74	±23	59	±37	102	±52	79	±42	156	±30
Under 5 years only	24	±13	33	±33	2	±4	4	±6	22	±16
Under 5 years and 5 to 17 years	11	±9	4	±5	23	±24	0	±9	46	±21
5 to 17 years only	39	±18	22	±18	77	±47	75	±42	88	±23
No related children of the householder under 18 years	191	±32	160	±39	76	±26	85	±26	334	±59
Other family:	41	±25	53	±37	8	±8	26	±14	26	±16
Male householder, no spouse present:	10	±9	9	±9	1	±4	10	±8	24	±15
With related children of the householder under 18 years:	5	±8	9	±9	1	±4	0	±9	14	±10
Under 5 years only	0	±9	6	±9	0	±9	0	±9	8	±9

Poverty_Block Group

Label	Block Group 1, Census Tract 9504, Le Sueur County, Minnesota		Block Group 2, Census Tract 9504, Le Sueur County, Minnesota		Block Group 3, Census Tract 9504, Le Sueur County, Minnesota		Block Group 4, Census Tract 9504, Le Sueur County, Minnesota		Block Group 3, Census Tract 9505, Le Sueur County, Minnesota	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Under 5 years and 5 to 17 years	0	±9	0	±9	0	±9	0	±9	0	±9
5 to 17 years only	5	±8	3	±4	1	±4	0	±9	6	±6
No related children of the householder under 18 years	5	±5	0	±9	0	±9	10	±8	10	±12
Female householder, no spouse present:	31	±23	44	±37	7	±7	16	±12	2	±4
With related children of the householder under 18 years:	18	±18	41	±36	0	±9	7	±9	1	±3
Under 5 years only	0	±9	0	±9	0	±9	0	±9	0	±9
Under 5 years and 5 to 17 years	14	±17	23	±31	0	±9	0	±9	1	±3
5 to 17 years only	4	±5	18	±17	0	±9	7	±9	0	±9
No related children of the householder under 18 years	13	±12	3	±4	7	±7	9	±8	1	±4

Poverty_Block Group

Label	Block Group 1, Census Tract 16.03, Olmsted County, Minnesota		Block Group 2, Census Tract 16.03, Olmsted County, Minnesota		Block Group 3, Census Tract 17.03, Olmsted County, Minnesota		Block Group 1, Census Tract 19.01, Olmsted County, Minnesota		Block Group 1, Census Tract 19.02, Olmsted County, Minnesota		Block Group 2, Census Tract 19.02, Olmsted County, Minnesota		Block Group 3, Census Tract 19.02, Olmsted County, Minnesota		Block Group 4, Census Tract 19.02, Olmsted County, Minnesota	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Route Option Crossed	4I	4I	4J	4J	4I	4I	4F, 4K, 4L, 4M, 4N	4F, 4K, 4L, 4M, 4N	3A, 4D, 4E, 4F	3A, 4D, 4E, 4F	4G, 4H, 4I, 4N	4G, 4H, 4I, 4N	4I, 4O, 4R	4I, 4O, 4R	3A, 3B, 4I, 4J	3A, 3B, 4I, 4J
Percent Below Poverty	8.68%		0.00%		0.66%		2.15%		0.00%		2.30%		5.96%		1.72%	
Total:	265	±74	257	±69	604	±82	604	±94	524	±51	174	±38	436	±85	116	±24
Income in the past 12 months below poverty level:	23	±32	0	±9	4	±6	13	±10	0	±9	4	±6	26	±28	2	±3
Married-couple family:	0	±9	0	±9	4	±6	7	±7	0	±9	4	±6	26	±28	2	±3
With related children of the householder under 18 years:	0	±9	0	±9	0	±9	0	±9	0	±9	4	±6	0	±9	0	±9
Under 5 years only	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9
Under 5 years and 5 to 17 years	0	±9	0	±9	0	±9	0	±9	0	±9	4	±6	0	±9	0	±9
5 to 17 years only	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9
No related children of the householder under 18 years	0	±9	0	±9	4	±6	7	±7	0	±9	0	±9	26	±28	2	±3
Other family:	23	±32	0	±9	0	±9	6	±11	0	±9	0	±9	0	±9	0	±9
Male householder, no spouse present:	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9
With related children of the householder under 18 years:	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9
Under 5 years only	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9
Under 5 years and 5 to 17 years	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9
5 to 17 years only	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9
No related children of the householder under 18 years	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9
Female householder, no spouse present:	23	±32	0	±9	0	±9	6	±11	0	±9	0	±9	0	±9	0	±9
With related children of the householder under 18 years:	19	±31	0	±9	0	±9	6	±11	0	±9	0	±9	0	±9	0	±9
Under 5 years only	19	±31	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9
Under 5 years and 5 to 17 years	0	±9	0	±9	0	±9	6	±11	0	±9	0	±9	0	±9	0	±9
5 to 17 years only	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9
No related children of the householder under 18 years	4	±7	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9
Income in the past 12 months at or above poverty level:	242	±74	257	±69	600	±81	591	±94	524	±51	170	±39	410	±83	114	±24
Married-couple family:	181	±71	254	±69	579	±81	491	±89	442	±54	140	±36	401	±84	101	±21
With related children of the householder under 18 years:	39	±28	81	±44	227	±77	192	±53	235	±39	44	±18	145	±56	30	±17
Under 5 years only	0	±9	13	±10	40	±40	57	±35	27	±14	4	±6	11	±11	2	±3
Under 5 years and 5 to 17 years	0	±9	28	±36	16	±16	14	±14	55	±28	20	±10	35	±17	13	±11
5 to 17 years only	39	±28	40	±27	171	±62	121	±52	153	±33	20	±15	99	±55	15	±11
No related children of the householder under 18 years	142	±67	173	±54	352	±84	299	±75	207	±41	96	±38	256	±69	71	±23
Other family:	61	±29	3	±4	21	±25	100	±65	82	±30	30	±20	9	±8	13	±11
Male householder, no spouse present:	17	±15	3	±4	16	±24	43	±46	47	±22	6	±8	0	±9	3	±4
With related children of the householder under 18 years:	11	±13	0	±9	0	±9	40	±46	44	±22	6	±8	0	±9	2	±3
Under 5 years only	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9

Appendix W

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Poverty_Block Group

Label	Block Group 1, Census Tract 16.03, Olmsted County, Minnesota		Block Group 2, Census Tract 16.03, Olmsted County, Minnesota		Block Group 3, Census Tract 17.03, Olmsted County, Minnesota		Block Group 1, Census Tract 19.01, Olmsted County, Minnesota		Block Group 1, Census Tract 19.02, Olmsted County, Minnesota		Block Group 2, Census Tract 19.02, Olmsted County, Minnesota		Block Group 3, Census Tract 19.02, Olmsted County, Minnesota		Block Group 4, Census Tract 19.02, Olmsted County, Minnesota	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Under 5 years and 5 to 17 years	0	±9	0	±9	0	±9	0	±9	2	±5	0	±9	0	±9	0	±9
5 to 17 years only	11	±13	0	±9	0	±9	40	±46	42	±22	6	±8	0	±9	2	±3
No related children of the householder under 18 years	6	±8	3	±4	16	±24	3	±6	3	±4	0	±9	0	±9	1	±3
Female householder, no spouse present:	44	±23	0	±9	5	±9	57	±46	35	±18	24	±17	9	±8	10	±11
With related children of the householder under 18 years:	17	±16	0	±9	5	±9	27	±19	21	±14	14	±16	5	±6	8	±10
Under 5 years only	0	±9	0	±9	0	±9	0	±9	3	±5	4	±7	0	±9	5	±8
Under 5 years and 5 to 17 years	4	±7	0	±9	0	±9	20	±17	0	±9	10	±15	0	±9	3	±5
5 to 17 years only	13	±14	0	±9	5	±9	7	±8	18	±16	0	±9	5	±6	0	±9
No related children of the householder under 18 years	27	±20	0	±9	0	±9	30	±41	14	±11	10	±10	4	±6	2	±3

Poverty_Block Group

Label	Block Group 4, Census Tract 703, Rice County, Minnesota		Block Group 5, Census Tract 703, Rice County, Minnesota		Block Group 1, Census Tract 704, Rice County, Minnesota		Block Group 2, Census Tract 704, Rice County, Minnesota		Block Group 3, Census Tract 704, Rice County, Minnesota		Block Group 4, Census Tract 704, Rice County, Minnesota		Block Group 1, Census Tract 708.01, Rice County, Minnesota	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Route Option Crossed	1F, 1L, 1M, 1N	1F, 1L, 1M, 1N	1N	1N	1F, 1N, 2A, 2E	1F, 1N, 2A, 2E	2C, 2F	2C, 2F	2C	2C	2B, 2C, 2E, 2F	2B, 2C, 2E, 2F	2A, 2B, 2E	2A, 2B, 2E
Percent Below Poverty	6.90%		7.14%		1.55%		3.66%		2.01%		0.34%		0.00%	
Total:	290	±57	280	±61	388	±50	382	±52	298	±37	295	±49	528	±164
Income in the past 12 months below poverty level:	20	±17	20	±17	6	±5	14	±9	6	±7	1	±2	0	±9
Married-couple family:	18	±16	3	±4	6	±5	10	±8	3	±5	1	±2	0	±9
With related children of the householder under 18 years:	0	±9	3	±4	0	±9	3	±3	3	±5	0	±9	0	±9
Under 5 years only	0	±9	0	±9	0	±9	0	±9	3	±5	0	±9	0	±9
Under 5 years and 5 to 17 years	0	±9	0	±9	0	±9	1	±2	0	±9	0	±9	0	±9
5 to 17 years only	0	±9	3	±4	0	±9	2	±2	0	±9	0	±9	0	±9
No related children of the householder under 18 years	18	±16	0	±9	6	±5	7	±7	0	±9	1	±2	0	±9
Other family:	2	±3	17	±16	0	±9	4	±6	3	±6	0	±9	0	±9
Male householder, no spouse present:	0	±9	0	±9	0	±9	2	±4	0	±9	0	±9	0	±9
With related children of the householder under 18 years:	0	±9	0	±9	0	±9	2	±4	0	±9	0	±9	0	±9
Under 5 years only	0	±9	0	±9	0	±9	2	±4	0	±9	0	±9	0	±9
Under 5 years and 5 to 17 years	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9
5 to 17 years only	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9
No related children of the householder under 18 years	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9	0	±9
Female householder, no spouse present:	2	±3	17	±16	0	±9	2	±3	3	±6	0	±9	0	±9
With related children of the householder under 18 years:	2	±3	17	±16	0	±9	1	±2	3	±6	0	±9	0	±9
Under 5 years only	2	±3	6	±9	0	±9	0	±9	0	±9	0	±9	0	±9
Under 5 years and 5 to 17 years	0	±9	0	±9	0	±9	0	±9	3	±6	0	±9	0	±9
5 to 17 years only	0	±9	11	±13	0	±9	1	±2	0	±9	0	±9	0	±9
No related children of the householder under 18 years	0	±9	0	±9	0	±9	1	±3	0	±9	0	±9	0	±9
Income in the past 12 months at or above poverty level:	270	±57	260	±56	382	±51	368	±52	292	±37	294	±49	528	±164
Married-couple family:	219	±50	192	±50	328	±46	315	±48	252	±32	220	±29	332	±98
With related children of the householder under 18 years:	86	±28	76	±23	92	±30	127	±32	104	±26	60	±19	115	±71
Under 5 years only	13	±9	8	±6	21	±11	51	±24	21	±12	5	±6	11	±22
Under 5 years and 5 to 17 years	9	±7	27	±14	9	±9	16	±9	4	±5	13	±9	14	±28
5 to 17 years only	64	±26	41	±18	62	±27	60	±19	79	±23	42	±16	90	±59
No related children of the householder under 18 years	133	±45	116	±44	236	±38	188	±35	148	±30	160	±26	217	±83
Other family:	51	±24	68	±32	54	±27	53	±32	40	±22	74	±42	196	±153
Male householder, no spouse present:	22	±15	17	±15	40	±25	11	±8	27	±17	42	±37	25	±36
With related children of the householder under 18 years:	3	±4	17	±15	37	±25	4	±4	17	±14	31	±35	25	±36
Under 5 years only	0	±9	2	±3	3	±8	0	±9	0	±9	0	±9	0	±9

Appendix W

Mankato – Mississippi River Transmission Project
Certificate of Need and Route Permit Application
E002/CN-22-532 and E002/TL-23-157

Poverty_Block Group

Label	Block Group 4, Census Tract 703, Rice County, Minnesota		Block Group 5, Census Tract 703, Rice County, Minnesota		Block Group 1, Census Tract 704, Rice County, Minnesota		Block Group 2, Census Tract 704, Rice County, Minnesota		Block Group 3, Census Tract 704, Rice County, Minnesota		Block Group 4, Census Tract 704, Rice County, Minnesota		Block Group 1, Census Tract 708.01, Rice County, Minnesota	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Under 5 years and 5 to 17 years	3	±4	0	±9	0	±9	0	±9	0	±9	31	±35	25	±36
5 to 17 years only	0	±9	15	±15	34	±23	4	±4	17	±14	0	±9	0	±9
No related children of the householder under 18 years	19	±14	0	±9	3	±4	7	±6	10	±12	11	±13	0	±9
Female householder, no spouse present:	29	±21	51	±29	14	±13	42	±32	13	±12	32	±18	171	±145
With related children of the householder under 18 years:	5	±5	30	±24	11	±13	32	±32	9	±11	30	±17	171	±145
Under 5 years only	0	±9	7	±9	0	±9	0	±9	0	±9	4	±6	0	±9
Under 5 years and 5 to 17 years	2	±3	0	±9	11	±13	0	±9	9	±11	18	±18	3	±6
5 to 17 years only	3	±4	23	±20	0	±9	32	±32	0	±9	8	±6	168	±145
No related children of the householder under 18 years	24	±21	21	±14	3	±4	10	±8	4	±5	2	±4	0	±9

Poverty_Block Group

Label	Block Group 2, Census Tract 4902, Wabasha County, Minnesota		Block Group 3, Census Tract 4902, Wabasha County, Minnesota		Block Group 1, Census Tract 4905, Wabasha County, Minnesota		Block Group 1, Census Tract 7901, Waseca County, Minnesota		Block Group 4, Census Tract 7903, Waseca County, Minnesota	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Route Option Crossed	3C	3C	3B	3B	3B	3B	1K, 1L	1K, 1L	1L	1L
Percent Below Poverty	9.62%		7.69%		1.57%		2.39%		0.58%	
Total:	426	±107	247	±88	255	±39	335	±52	344	±55
Income in the past 12 months below poverty level:	41	±43	19	±23	4	±5	8	±9	2	±6
Married-couple family:	29	±39	19	±23	0	±9	1	±3	2	±6
With related children of the householder under 18 years:	29	±39	0	±9	0	±9	0	±9	0	±9
Under 5 years only	29	±39	0	±9	0	±9	0	±9	0	±9
Under 5 years and 5 to 17 years	0	±9	0	±9	0	±9	0	±9	0	±9
5 to 17 years only	0	±9	0	±9	0	±9	0	±9	0	±9
No related children of the householder under 18 years	0	±9	19	±23	0	±9	1	±3	2	±6
Other family:	12	±17	0	±9	4	±5	7	±8	0	±9
Male householder, no spouse present:	0	±9	0	±9	3	±4	0	±9	0	±9
With related children of the householder under 18 years:	0	±9	0	±9	3	±4	0	±9	0	±9
Under 5 years only	0	±9	0	±9	2	±3	0	±9	0	±9
Under 5 years and 5 to 17 years	0	±9	0	±9	0	±9	0	±9	0	±9
5 to 17 years only	0	±9	0	±9	1	±2	0	±9	0	±9
No related children of the householder under 18 years	0	±9	0	±9	0	±9	0	±9	0	±9
Female householder, no spouse present:	12	±17	0	±9	1	±2	7	±8	0	±9
With related children of the householder under 18 years:	12	±17	0	±9	1	±2	7	±8	0	±9
Under 5 years only	0	±9	0	±9	0	±9	0	±9	0	±9
Under 5 years and 5 to 17 years	0	±9	0	±9	0	±9	0	±9	0	±9
5 to 17 years only	12	±17	0	±9	1	±2	7	±8	0	±9
No related children of the householder under 18 years	0	±9	0	±9	0	±9	0	±9	0	±9
Income in the past 12 months at or above poverty level:	385	±106	228	±86	251	±39	327	±50	342	±54
Married-couple family:	264	±77	218	±84	214	±38	301	±54	303	±50
With related children of the householder under 18 years:	91	±44	75	±46	83	±24	108	±41	80	±27
Under 5 years only	23	±23	0	±9	13	±10	10	±9	5	±5
Under 5 years and 5 to 17 years	11	±17	26	±37	19	±13	20	±14	9	±8
5 to 17 years only	57	±36	49	±31	51	±20	78	±34	66	±23
No related children of the householder under 18 years	173	±71	143	±72	131	±31	193	±36	223	±51
Other family:	121	±105	10	±16	37	±20	26	±14	39	±17
Male householder, no spouse present:	0	±9	0	±9	20	±13	12	±12	19	±12
With related children of the householder under 18 years:	0	±9	0	±9	11	±11	0	±9	19	±12
Under 5 years only	0	±9	0	±9	0	±9	0	±9	0	±9

Poverty_Block Group

Label	Block Group 2, Census Tract 4902, Wabasha County, Minnesota		Block Group 3, Census Tract 4902, Wabasha County, Minnesota		Block Group 1, Census Tract 4905, Wabasha County, Minnesota		Block Group 1, Census Tract 7901, Waseca County, Minnesota		Block Group 4, Census Tract 7903, Waseca County, Minnesota	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Under 5 years and 5 to 17 years	0	±9	0	±9	0	±9	0	±9	0	±9
5 to 17 years only	0	±9	0	±9	11	±11	0	±9	19	±12
No related children of the householder under 18 years	0	±9	0	±9	9	±7	12	±12	0	±9
Female householder, no spouse present:	121	±105	10	±16	17	±14	14	±11	20	±13
With related children of the householder under 18 years:	35	±49	0	±9	14	±12	7	±7	14	±9
Under 5 years only	0	±9	0	±9	3	±5	0	±9	0	±9
Under 5 years and 5 to 17 years	0	±9	0	±9	0	±9	0	±9	3	±4
5 to 17 years only	35	±49	0	±9	11	±10	7	±7	11	±8
No related children of the householder under 18 years	86	±98	10	±16	3	±5	7	±9	6	±8

Minority_Block Group

Label	Block Group 1, Census Tract 1701, Blue Earth County, Minnesota	Block Group 2, Census Tract 1701, Blue Earth County, Minnesota	Block Group 3, Census Tract 1701, Blue Earth County, Minnesota	Block Group 2, Census Tract 1702, Blue Earth County, Minnesota	Block Group 3, Census Tract 1702, Blue Earth County, Minnesota	Block Group 1; Census Tract 1703; Blue Earth County; Minnesota	Block Group 1; Census Tract 1704; Blue Earth County; Minnesota
Route Option Crossed	1I, 1J, 1O	1D, 1J, 1O	1I	1A, 1B	1A, 1B, 1I	1B	1B
Percent Minority	5.27%	2.74%	6.76%	4.57%	8.38%	15.96%	15.14%
Total:	1,840	1,093	2,515	2,935	2,004	1,335	1,916
Hispanic or Latino	63	18	84	58	74	121	40
Not Hispanic or Latino:	1,777	1,075	2,431	2,877	1,930	1,214	1,876
Population of one race:	1,733	1,060	2,316	2,816	1,871	1,137	1,823
White alone	1,693	1,046	2,224	2,735	1,774	1,042	1,563
Black or African American alone	23	6	60	31	47	76	207
American Indian and Alaska Native alone	0	1	5	3	0	6	4
Asian alone	10	5	21	39	45	10	39
Native Hawaiian and Other Pacific Islander alone	1	0	0	3	2	0	0
Some Other Race alone	6	2	6	5	3	3	10
Population of two or more races:	44	15	115	61	59	77	53
Population of two races:	39	11	113	58	58	74	51
White; Black or African American	11	0	30	14	10	24	24
White; American Indian and Alaska Native	10	2	26	5	8	34	7
White; Asian	5	2	21	19	26	6	10
White; Native Hawaiian and Other Pacific Islander	1	0	3	0	1	1	1
White; Some Other Race	11	6	33	20	12	1	8
Black or African American; American Indian and Alaska Native	0	0	0	0	0	1	0
Black or African American; Asian	0	0	0	0	0	0	1
Black or African American; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0
Black or African American; Some Other Race	0	0	0	0	1	3	0
American Indian and Alaska Native; Asian	1	0	0	0	0	0	0
American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0
American Indian and Alaska Native; Some Other Race	0	0	0	0	0	1	0
Asian; Native Hawaiian and Other Pacific Islander	0	1	0	0	0	3	0
Asian; Some Other Race	0	0	0	0	0	0	0
Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0
Population of three races:	4	4	2	3	1	3	1
White; Black or African American; American Indian and Alaska Native	4	3	1	2	0	2	0
White; Black or African American; Asian	0	0	0	0	0	1	1
White; Black or African American; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0

Minority_Block Group

Label	Block Group 1, Census Tract 1701, Blue Earth County, Minnesota	Block Group 2, Census Tract 1701, Blue Earth County, Minnesota	Block Group 3, Census Tract 1701, Blue Earth County, Minnesota	Block Group 2, Census Tract 1702, Blue Earth County, Minnesota	Block Group 3, Census Tract 1702, Blue Earth County, Minnesota	Block Group 1; Census Tract 1703; Blue Earth County; Minnesota	Block Group 1; Census Tract 1704; Blue Earth County; Minnesota
White; Black or African American; Some Other Race	0	0	0	0	0	0	0
White; American Indian and Alaska Native; Asian	0	0	0	0	0	0	0
White; American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0
White; American Indian and Alaska Native; Some Other Race	0	0	0	0	0	0	0
White; Asian; Native Hawaiian and Other Pacific Islander	0	1	1	1	1	0	0
White; Asian; Some Other Race	0	0	0	0	0	0	0
White; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0
Black or African American; American Indian and Alaska Native; Asian	0	0	0	0	0	0	0
Black or African American; American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0
Black or African American; American Indian and Alaska Native; Some Other Race	0	0	0	0	0	0	0
Black or African American; Asian; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0
Black or African American; Asian; Some Other Race	0	0	0	0	0	0	0
Black or African American; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0
American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0
American Indian and Alaska Native; Asian; Some Other Race	0	0	0	0	0	0	0
American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0
Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0
Population of four races:	1	0	0	0	0	0	0
White; Black or African American; American Indian and Alaska Native; Asian	1	0	0	0	0	0	0

Minority_Block Group

Label	Block Group 1, Census Tract 1701, Blue Earth County, Minnesota	Block Group 2, Census Tract 1701, Blue Earth County, Minnesota	Block Group 3, Census Tract 1701, Blue Earth County, Minnesota	Block Group 2, Census Tract 1702, Blue Earth County, Minnesota	Block Group 3, Census Tract 1702, Blue Earth County, Minnesota	Block Group 1; Census Tract 1703; Blue Earth County; Minnesota	Block Group 1; Census Tract 1704; Blue Earth County; Minnesota
White; Black or African American; American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0
White; Black or African American; American Indian and Alaska Native; Some Other Race	0	0	0	0	0	0	0
White; Black or African American; Asian; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0
White; Black or African American; Asian; Some Other Race	0	0	0	0	0	0	0
White; Black or African American; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0
White; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0
White; American Indian and Alaska Native; Asian; Some Other Race	0	0	0	0	0	0	0
White; American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0
White; Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0
Black or African American; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0
Black or African American; American Indian and Alaska Native; Asian; Some Other Race	0	0	0	0	0	0	0
Black or African American; American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0
Black or African American; Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0
American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0
Population of five races:	0	0	0	0	0	0	1

Minority_Block Group

Label	Block Group 1, Census Tract 1701, Blue Earth County, Minnesota	Block Group 2, Census Tract 1701, Blue Earth County, Minnesota	Block Group 3, Census Tract 1701, Blue Earth County, Minnesota	Block Group 2, Census Tract 1702, Blue Earth County, Minnesota	Block Group 3, Census Tract 1702, Blue Earth County, Minnesota	Block Group 1; Census Tract 1703; Blue Earth County; Minnesota	Block Group 1; Census Tract 1704; Blue Earth County; Minnesota
White; Black or African American; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	1
White; Black or African American; American Indian and Alaska Native; Asian; Some Other Race	0	0	0	0	0	0	0
White; Black or African American; American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0
White; Black or African American; Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0
White; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0
Black or African American; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0
Population of six races:	0	0	0	0	0	0	0
White; Black or African American; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0

Minority_Block Group

Label	Block Group 1, Census Tract 807, Goodhue County, Minnesota	Block Group 2, Census Tract 807, Goodhue County, Minnesota	Block Group 3, Census Tract 807, Goodhue County, Minnesota	Block Group 1, Census Tract 808, Goodhue County, Minnesota	Block Group 2, Census Tract 808, Goodhue County, Minnesota	Block Group 3, Census Tract 808, Goodhue County, Minnesota	Block Group 1; Census Tract 809; Goodhue County; Minnesota	Block Group 2, Census Tract 809, Goodhue County, Minnesota
Route Option Crossed	2C	2F	2C, 2F	2C, 2D, 2F, 3A, 4D	4D, 3A, 4A, 4K	3A, 4A, 4B, 4C, 4	2C	2C
Percent Minority	1.06%	1.95%	10.17%	4.05%	5.75%	6.15%	2.10%	3.91%
Total:	755	719	1,938	1,507	1,513	1,497	1,048	1,126
Hispanic or Latino	6	11	160	43	35	29	14	26
Not Hispanic or Latino:	749	708	1,778	1,464	1,478	1,468	1,034	1,100
Population of one race:	731	697	1,719	1,417	1,419	1,407	1,012	1,073
White alone	729	693	1,679	1,391	1,358	1,344	1,003	1,054
Black or African American alone	1	1	24	7	40	28	3	13
American Indian and Alaska Native alone	0	2	9	1	3	7	0	2
Asian alone	1	0	4	9	8	28	5	3
Native Hawaiian and Other Pacific Islander alone	0	0	0	1	1	0	0	0
Some Other Race alone	0	1	3	8	9	0	1	1
Population of two or more races:	18	11	59	47	59	61	22	27
Population of two races:	17	10	59	46	54	58	21	22
White; Black or African American	1	0	9	8	13	11	7	11
White; American Indian and Alaska Native	7	3	31	20	16	16	6	6
White; Asian	4	0	1	3	10	3	3	4
White; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0	0
White; Some Other Race	4	7	17	13	15	26	5	1
Black or African American; American Indian and Alaska Native	1	0	1	0	0	0	0	0
Black or African American; Asian	0	0	0	0	0	0	0	0
Black or African American; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0	0
Black or African American; Some Other Race	0	0	0	0	0	2	0	0
American Indian and Alaska Native; Asian	0	0	0	0	0	0	0	0
American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0	0
American Indian and Alaska Native; Some Other Race	0	0	0	0	0	0	0	0
Asian; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0	0
Asian; Some Other Race	0	0	0	2	0	0	0	0
Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0	0
Population of three races:	1	1	0	1	5	3	1	5
White; Black or African American; American Indian and Alaska Native	1	0	0	1	4	2	1	5
White; Black or African American; Asian	0	0	0	0	0	0	0	0
White; Black or African American; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0	0

Minority_Block Group

Label	Block Group 1, Census Tract 807, Goodhue County, Minnesota	Block Group 2, Census Tract 807, Goodhue County, Minnesota	Block Group 3, Census Tract 807, Goodhue County, Minnesota	Block Group 1, Census Tract 808, Goodhue County, Minnesota	Block Group 2, Census Tract 808, Goodhue County, Minnesota	Block Group 3, Census Tract 808, Goodhue County, Minnesota	Block Group 1; Census Tract 809; Goodhue County; Minnesota	Block Group 2, Census Tract 809, Goodhue County, Minnesota
White; Black or African American; Some Other Race	0	0	0	0	0	0	0	0
White; American Indian and Alaska Native; Asian	0	0	0	0	1	1	0	0
White; American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0	0
White; American Indian and Alaska Native; Some Other Race	0	0	0	0	0	0	0	0
White; Asian; Native Hawaiian and Other Pacific Islander	0	1	0	0	0	0	0	0
White; Asian; Some Other Race	0	0	0	0	0	0	0	0
White; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0	0
Black or African American; American Indian and Alaska Native; Asian	0	0	0	0	0	0	0	0
Black or African American; American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0	0
Black or African American; American Indian and Alaska Native; Some Other Race	0	0	0	0	0	0	0	0
Black or African American; Asian; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0	0
Black or African American; Asian; Some Other Race	0	0	0	0	0	0	0	0
Black or African American; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0	0
American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0	0
American Indian and Alaska Native; Asian; Some Other Race	0	0	0	0	0	0	0	0
American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0	0
Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0	0
Population of four races:	0	0	0	0	0	0	0	0
White; Black or African American; American Indian and Alaska Native; Asian	0	0	0	0	0	0	0	0

Minority_Block Group

Label	Block Group 1, Census Tract 807, Goodhue County, Minnesota	Block Group 2, Census Tract 807, Goodhue County, Minnesota	Block Group 3, Census Tract 807, Goodhue County, Minnesota	Block Group 1, Census Tract 808, Goodhue County, Minnesota	Block Group 2, Census Tract 808, Goodhue County, Minnesota	Block Group 3, Census Tract 808, Goodhue County, Minnesota	Block Group 1; Census Tract 809; Goodhue County; Minnesota	Block Group 2, Census Tract 809, Goodhue County, Minnesota
White; Black or African American; American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0	0
White; Black or African American; American Indian and Alaska Native; Some Other Race	0	0	0	0	0	0	0	0
White; Black or African American; Asian; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0	0
White; Black or African American; Asian; Some Other Race	0	0	0	0	0	0	0	0
White; Black or African American; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0	0
White; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0	0
White; American Indian and Alaska Native; Asian; Some Other Race	0	0	0	0	0	0	0	0
White; American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0	0
White; Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0	0
Black or African American; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0	0
Black or African American; American Indian and Alaska Native; Asian; Some Other Race	0	0	0	0	0	0	0	0
Black or African American; American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0	0
Black or African American; Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0	0
American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0	0
Population of five races:	0	0	0	0	0	0	0	0

Minority_Block Group

Label	Block Group 1, Census Tract 807, Goodhue County, Minnesota	Block Group 2, Census Tract 807, Goodhue County, Minnesota	Block Group 3, Census Tract 807, Goodhue County, Minnesota	Block Group 1, Census Tract 808, Goodhue County, Minnesota	Block Group 2, Census Tract 808, Goodhue County, Minnesota	Block Group 3, Census Tract 808, Goodhue County, Minnesota	Block Group 1; Census Tract 809; Goodhue County; Minnesota	Block Group 2, Census Tract 809, Goodhue County, Minnesota
White; Black or African American; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0	0
White; Black or African American; American Indian and Alaska Native; Asian; Some Other Race	0	0	0	0	0	0	0	0
White; Black or African American; American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0	0
White; Black or African American; Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0	0
White; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0	0
Black or African American; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0	0
Population of six races:	0	0	0	0	0	0	0	0
White; Black or African American; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0	0

Minority_Block Group

Label	Block Group 1, Census Tract 9504, Le Sueur County, Minnesota	Block Group 2, Census Tract 9504, Le Sueur County, Minnesota	Block Group 3, Census Tract 9504, Le Sueur County, Minnesota	Block Group 4, Census Tract 9504, Le Sueur County, Minnesota	Block Group 3, Census Tract 9505, Le Sueur County, Minnesota
Route Option Crossed	1D, 1E, 1F, 1J, 1K	1F, 1K	1F, 1L, 1M	1K, 1L, 1M	1E
Percent Minority	2.50%	4.29%	5.19%	3.58%	4.37%
Total:	1,120	1,096	752	698	1,784
Hispanic or Latino	11	25	23	20	59
Not Hispanic or Latino:	1,109	1,071	729	678	1,725
Population of one race:	1,070	1,049	702	644	1,680
White alone	1,053	1,027	686	639	1,660
Black or African American alone	10	14	7	4	6
American Indian and Alaska Native alone	5	6	8	0	2
Asian alone	2	2	0	1	10
Native Hawaiian and Other Pacific Islander alone	0	0	1	0	1
Some Other Race alone	0	0	0	0	1
Population of two or more races:	39	22	27	34	45
Population of two races:	38	21	24	34	44
White; Black or African American	2	4	6	7	6
White; American Indian and Alaska Native	16	9	7	14	12
White; Asian	2	0	6	5	8
White; Native Hawaiian and Other Pacific Islander	1	0	0	0	0
White; Some Other Race	17	8	4	6	18
Black or African American; American Indian and Alaska Native	0	0	0	0	0
Black or African American; Asian	0	0	0	0	0
Black or African American; Native Hawaiian and Other Pacific Islander	0	0	0	0	0
Black or African American; Some Other Race	0	0	1	2	0
American Indian and Alaska Native; Asian	0	0	0	0	0
American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander	0	0	0	0	0
American Indian and Alaska Native; Some Other Race	0	0	0	0	0
Asian; Native Hawaiian and Other Pacific Islander	0	0	0	0	0
Asian; Some Other Race	0	0	0	0	0
Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0
Population of three races:	1	1	3	0	0
White; Black or African American; American Indian and Alaska Native	1	1	3	0	0
White; Black or African American; Asian	0	0	0	0	0
White; Black or African American; Native Hawaiian and Other Pacific Islander	0	0	0	0	0

Minority_Block Group

Label	Block Group 1, Census Tract 9504, Le Sueur County, Minnesota	Block Group 2, Census Tract 9504, Le Sueur County, Minnesota	Block Group 3, Census Tract 9504, Le Sueur County, Minnesota	Block Group 4, Census Tract 9504, Le Sueur County, Minnesota	Block Group 3, Census Tract 9505, Le Sueur County, Minnesota
White; Black or African American; Some Other Race	0	0	0	0	0
White; American Indian and Alaska Native; Asian	0	0	0	0	0
White; American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander	0	0	0	0	0
White; American Indian and Alaska Native; Some Other Race	0	0	0	0	0
White; Asian; Native Hawaiian and Other Pacific Islander	0	0	0	0	0
White; Asian; Some Other Race	0	0	0	0	0
White; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0
Black or African American; American Indian and Alaska Native; Asian	0	0	0	0	0
Black or African American; American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander	0	0	0	0	0
Black or African American; American Indian and Alaska Native; Some Other Race	0	0	0	0	0
Black or African American; Asian; Native Hawaiian and Other Pacific Islander	0	0	0	0	0
Black or African American; Asian; Some Other Race	0	0	0	0	0
Black or African American; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0
American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander	0	0	0	0	0
American Indian and Alaska Native; Asian; Some Other Race	0	0	0	0	0
American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0
Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0
Population of four races:	0	0	0	0	1
White; Black or African American; American Indian and Alaska Native; Asian	0	0	0	0	0

Minority_Block Group

Label	Block Group 1, Census Tract 9504, Le Sueur County, Minnesota	Block Group 2, Census Tract 9504, Le Sueur County, Minnesota	Block Group 3, Census Tract 9504, Le Sueur County, Minnesota	Block Group 4, Census Tract 9504, Le Sueur County, Minnesota	Block Group 3, Census Tract 9505, Le Sueur County, Minnesota
White; Black or African American; American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander	0	0	0	0	0
White; Black or African American; American Indian and Alaska Native; Some Other Race	0	0	0	0	0
White; Black or African American; Asian; Native Hawaiian and Other Pacific Islander	0	0	0	0	0
White; Black or African American; Asian; Some Other Race	0	0	0	0	0
White; Black or African American; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0
White; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander	0	0	0	0	1
White; American Indian and Alaska Native; Asian; Some Other Race	0	0	0	0	0
White; American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0
White; Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0
Black or African American; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander	0	0	0	0	0
Black or African American; American Indian and Alaska Native; Asian; Some Other Race	0	0	0	0	0
Black or African American; American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0
Black or African American; Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0
American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0
Population of five races:	0	0	0	0	0

Minority_Block Group

Label	Block Group 1, Census Tract 9504, Le Sueur County, Minnesota	Block Group 2, Census Tract 9504, Le Sueur County, Minnesota	Block Group 3, Census Tract 9504, Le Sueur County, Minnesota	Block Group 4, Census Tract 9504, Le Sueur County, Minnesota	Block Group 3, Census Tract 9505, Le Sueur County, Minnesota
White; Black or African American; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander	0	0	0	0	0
White; Black or African American; American Indian and Alaska Native; Asian; Some Other Race	0	0	0	0	0
White; Black or African American; American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0
White; Black or African American; Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0
White; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0
Black or African American; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0
Population of six races:	0	0	0	0	0
White; Black or African American; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0

Minority_Block Group

Label	Block Group 1, Census Tract 16.03, Olmsted County, Minnesota	Block Group 2, Census Tract 16.03, Olmsted County, Minnesota	Block Group 3; Census Tract 17.03; Olmsted County; Minnesota	Block Group 1, Census Tract 19.01, Olmsted County, Minnesota	Block Group 1, Census Tract 19.02, Olmsted County, Minnesota	Block Group 2, Census Tract 19.02, Olmsted County, Minnesota	Block Group 3, Census Tract 19.02, Olmsted County, Minnesota	Block Group 4, Census Tract 19.02, Olmsted County, Minnesota
Route Option Crossed	4I	4J	4I	4F, 4K, 4L, 4M, 4N	3A, 4D, 4E, 4F, 4G	4G, 4H, 4I, 4N, 4O	4I, 4O, 4R	3A, 3B, 4I, 4J, 4O
Percent Minority	25.16%	6.99%	10.51%	3.46%	4.96%	16.41%	3.36%	3.02%
Total:	934	830	2,027	1,968	2,156	725	1,458	496
Hispanic or Latino	85	22	66	39	38	104	19	14
Not Hispanic or Latino:	849	808	1,961	1,929	2,118	621	1,439	482
Population of one race:	805	754	1,889	1,843	2,049	590	1,402	477
White alone	653	711	1,733	1,804	1,968	575	1,365	475
Black or African American alone	6	12	43	7	14	3	18	1
American Indian and Alaska Native alone	1	2	12	2	9	0	1	0
Asian alone	143	22	103	20	46	12	11	0
Native Hawaiian and Other Pacific Islander alone	0	0	0	0	0	0	0	0
Some Other Race alone	2	7	9	10	12	0	7	1
Population of two or more races:	44	54	72	86	69	31	37	5
Population of two races:	42	52	72	81	63	31	36	5
White; Black or African American	17	8	4	12	10	8	10	1
White; American Indian and Alaska Native	8	5	10	22	24	12	12	2
White; Asian	10	14	31	26	21	8	7	0
White; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0	0
White; Some Other Race	5	21	27	21	5	1	7	2
Black or African American; American Indian and Alaska Native	0	1	0	0	2	0	0	0
Black or African American; Asian	0	3	0	0	0	1	0	0
Black or African American; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0	0
Black or African American; Some Other Race	0	0	0	0	0	1	0	0
American Indian and Alaska Native; Asian	0	0	0	0	0	0	0	0
American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0	0
American Indian and Alaska Native; Some Other Race	0	0	0	0	0	0	0	0
Asian; Native Hawaiian and Other Pacific Islander	0	0	0	0	1	0	0	0
Asian; Some Other Race	2	0	0	0	0	0	0	0
Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0	0
Population of three races:	2	2	0	5	6	0	1	0
White; Black or African American; American Indian and Alaska Native	0	0	0	0	4	0	0	0
White; Black or African American; Asian	2	2	0	0	0	0	0	0
White; Black or African American; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0	0

Minority_Block Group

Label	Block Group 1, Census Tract 16.03, Olmsted County, Minnesota	Block Group 2, Census Tract 16.03, Olmsted County, Minnesota	Block Group 3; Census Tract 17.03; Olmsted County; Minnesota	Block Group 1, Census Tract 19.01, Olmsted County, Minnesota	Block Group 1, Census Tract 19.02, Olmsted County, Minnesota	Block Group 2, Census Tract 19.02, Olmsted County, Minnesota	Block Group 3, Census Tract 19.02, Olmsted County, Minnesota	Block Group 4, Census Tract 19.02, Olmsted County, Minnesota
White; Black or African American; Some Other Race	0	0	0	0	0	0	0	0
White; American Indian and Alaska Native; Asian	0	0	0	4	2	0	1	0
White; American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0	0
White; American Indian and Alaska Native; Some Other Race	0	0	0	0	0	0	0	0
White; Asian; Native Hawaiian and Other Pacific Islander	0	0	0	1	0	0	0	0
White; Asian; Some Other Race	0	0	0	0	0	0	0	0
White; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0	0
Black or African American; American Indian and Alaska Native; Asian	0	0	0	0	0	0	0	0
Black or African American; American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0	0
Black or African American; American Indian and Alaska Native; Some Other Race	0	0	0	0	0	0	0	0
Black or African American; Asian; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0	0
Black or African American; Asian; Some Other Race	0	0	0	0	0	0	0	0
Black or African American; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0	0
American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0	0
American Indian and Alaska Native; Asian; Some Other Race	0	0	0	0	0	0	0	0
American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0	0
Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0	0
Population of four races:	0	0	0	0	0	0	0	0
White; Black or African American; American Indian and Alaska Native; Asian	0	0	0	0	0	0	0	0

Minority_Block Group

Label	Block Group 1, Census Tract 16.03, Olmsted County, Minnesota	Block Group 2, Census Tract 16.03, Olmsted County, Minnesota	Block Group 3; Census Tract 17.03; Olmsted County; Minnesota	Block Group 1, Census Tract 19.01, Olmsted County, Minnesota	Block Group 1, Census Tract 19.02, Olmsted County, Minnesota	Block Group 2, Census Tract 19.02, Olmsted County, Minnesota	Block Group 3, Census Tract 19.02, Olmsted County, Minnesota	Block Group 4, Census Tract 19.02, Olmsted County, Minnesota
White; Black or African American; American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0	0
White; Black or African American; American Indian and Alaska Native; Some Other Race	0	0	0	0	0	0	0	0
White; Black or African American; Asian; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0	0
White; Black or African American; Asian; Some Other Race	0	0	0	0	0	0	0	0
White; Black or African American; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0	0
White; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0	0
White; American Indian and Alaska Native; Asian; Some Other Race	0	0	0	0	0	0	0	0
White; American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0	0
White; Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0	0
Black or African American; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0	0
Black or African American; American Indian and Alaska Native; Asian; Some Other Race	0	0	0	0	0	0	0	0
Black or African American; American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0	0
Black or African American; Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0	0
American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0	0
Population of five races:	0	0	0	0	0	0	0	0

Minority_Block Group

Label	Block Group 1, Census Tract 16.03, Olmsted County, Minnesota	Block Group 2, Census Tract 16.03, Olmsted County, Minnesota	Block Group 3; Census Tract 17.03; Olmsted County; Minnesota	Block Group 1, Census Tract 19.01, Olmsted County, Minnesota	Block Group 1, Census Tract 19.02, Olmsted County, Minnesota	Block Group 2, Census Tract 19.02, Olmsted County, Minnesota	Block Group 3, Census Tract 19.02, Olmsted County, Minnesota	Block Group 4, Census Tract 19.02, Olmsted County, Minnesota
White; Black or African American; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0	0
White; Black or African American; American Indian and Alaska Native; Asian; Some Other Race	0	0	0	0	0	0	0	0
White; Black or African American; American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0	0
White; Black or African American; Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0	0
White; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0	0
Black or African American; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0	0
Population of six races:	0	0	0	0	0	0	0	0
White; Black or African American; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0	0

Minority_Block Group

Label	Block Group 4, Census Tract 703, Rice County, Minnesota	Block Group 5, Census Tract 703, Rice County, Minnesota	Block Group 1, Census Tract 704, Rice County, Minnesota	Block Group 2, Census Tract 704, Rice County, Minnesota	Block Group 3, Census Tract 704, Rice County, Minnesota	Block Group 4, Census Tract 704, Rice County, Minnesota	Block Group 1, Census Tract 708.01, Rice County, Minnesota
Route Option Crossed	1F, 1L, 1M, 1N	1N	1F, 1N, 2A, 2E	2C, 2F	2C	2B, 2C, 2E, 2F, 2G	2A, 2B, 2E
Percent Minority	3.67%	8.66%	1.82%	2.55%	3.42%	2.72%	22.86%
Total:	682	1,074	1,153	1,138	1,141	883	1,238
Hispanic or Latino	17	75	17	22	29	20	88
Not Hispanic or Latino:	665	999	1,136	1,116	1,112	863	1,150
Population of one race:	646	974	1,107	1,080	1,077	849	1,110
White alone	636	952	1,096	1,070	1,062	844	914
Black or African American alone	1	8	1	3	5	1	141
American Indian and Alaska Native alone	2	0	0	1	0	1	4
Asian alone	5	10	3	3	5	2	50
Native Hawaiian and Other Pacific Islander alone	0	0	0	0	0	0	0
Some Other Race alone	2	4	7	3	5	1	1
Population of two or more races:	19	25	29	36	35	14	40
Population of two races:	19	24	26	35	35	14	40
White; Black or African American	5	5	2	4	4	0	16
White; American Indian and Alaska Native	1	8	6	15	4	6	5
White; Asian	1	4	8	6	4	3	9
White; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0
White; Some Other Race	11	6	10	10	23	4	10
Black or African American; American Indian and Alaska Native	0	1	0	0	0	0	0
Black or African American; Asian	1	0	0	0	0	0	0
Black or African American; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0
Black or African American; Some Other Race	0	0	0	0	0	1	0
American Indian and Alaska Native; Asian	0	0	0	0	0	0	0
American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0
American Indian and Alaska Native; Some Other Race	0	0	0	0	0	0	0
Asian; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0
Asian; Some Other Race	0	0	0	0	0	0	0
Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0
Population of three races:	0	1	2	0	0	0	0
White; Black or African American; American Indian and Alaska Native	0	0	1	0	0	0	0
White; Black or African American; Asian	0	0	0	0	0	0	0
White; Black or African American; Native Hawaiian and Other Pacific Islander	0	1	0	0	0	0	0

Minority_Block Group

Label	Block Group 4, Census Tract 703, Rice County, Minnesota	Block Group 5, Census Tract 703, Rice County, Minnesota	Block Group 1, Census Tract 704, Rice County, Minnesota	Block Group 2, Census Tract 704, Rice County, Minnesota	Block Group 3, Census Tract 704, Rice County, Minnesota	Block Group 4, Census Tract 704, Rice County, Minnesota	Block Group 1, Census Tract 708.01, Rice County, Minnesota
White; Black or African American; Some Other Race	0	0	0	0	0	0	0
White; American Indian and Alaska Native; Asian	0	0	0	0	0	0	0
White; American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0
White; American Indian and Alaska Native; Some Other Race	0	0	0	0	0	0	0
White; Asian; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0
White; Asian; Some Other Race	0	0	0	0	0	0	0
White; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0
Black or African American; American Indian and Alaska Native; Asian	0	0	0	0	0	0	0
Black or African American; American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0
Black or African American; American Indian and Alaska Native; Some Other Race	0	0	0	0	0	0	0
Black or African American; Asian; Native Hawaiian and Other Pacific Islander	0	0	1	0	0	0	0
Black or African American; Asian; Some Other Race	0	0	0	0	0	0	0
Black or African American; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0
American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0
American Indian and Alaska Native; Asian; Some Other Race	0	0	0	0	0	0	0
American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0
Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0
Population of four races:	0	0	1	1	0	0	0
White; Black or African American; American Indian and Alaska Native; Asian	0	0	0	0	0	0	0

Minority_Block Group

Label	Block Group 4, Census Tract 703, Rice County, Minnesota	Block Group 5, Census Tract 703, Rice County, Minnesota	Block Group 1, Census Tract 704, Rice County, Minnesota	Block Group 2, Census Tract 704, Rice County, Minnesota	Block Group 3, Census Tract 704, Rice County, Minnesota	Block Group 4, Census Tract 704, Rice County, Minnesota	Block Group 1, Census Tract 708.01, Rice County, Minnesota
White; Black or African American; American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0
White; Black or African American; American Indian and Alaska Native; Some Other Race	0	0	0	0	0	0	0
White; Black or African American; Asian; Native Hawaiian and Other Pacific Islander	0	0	1	1	0	0	0
White; Black or African American; Asian; Some Other Race	0	0	0	0	0	0	0
White; Black or African American; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0
White; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0
White; American Indian and Alaska Native; Asian; Some Other Race	0	0	0	0	0	0	0
White; American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0
White; Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0
Black or African American; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0
Black or African American; American Indian and Alaska Native; Asian; Some Other Race	0	0	0	0	0	0	0
Black or African American; American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0
Black or African American; Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0
American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0
Population of five races:	0	0	0	0	0	0	0

Minority_Block Group

Label	Block Group 4, Census Tract 703, Rice County, Minnesota	Block Group 5, Census Tract 703, Rice County, Minnesota	Block Group 1, Census Tract 704, Rice County, Minnesota	Block Group 2, Census Tract 704, Rice County, Minnesota	Block Group 3, Census Tract 704, Rice County, Minnesota	Block Group 4, Census Tract 704, Rice County, Minnesota	Block Group 1, Census Tract 708.01, Rice County, Minnesota
White; Black or African American; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander	0	0	0	0	0	0	0
White; Black or African American; American Indian and Alaska Native; Asian; Some Other Race	0	0	0	0	0	0	0
White; Black or African American; American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0
White; Black or African American; Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0
White; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0
Black or African American; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0
Population of six races:	0	0	0	0	0	0	0
White; Black or African American; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0	0	0

Minority_Block Group

Label	Block Group 2; Census Tract 4902; Wabasha County; Minnesota	Block Group 3; Census Tract 4902; Wabasha County; Minnesota	Block Group 1, Census Tract 4905, Wabasha County, Minnesota	Block Group 1, Census Tract 7901, Waseca County, Minnesota	Block Group 4, Census Tract 7903, Waseca County, Minnesota
Route Option Crossed	3C	3B	3B	1K, 1L	1L
Percent Minority	1.30%	1.66%	3.46%	1.79%	3.09%
Total:	1,619	1,142	781	1,286	972
Hispanic or Latino	8	12	17	13	25
Not Hispanic or Latino:	1,611	1,130	764	1,273	947
Population of one race:	1,565	1,123	749	1,247	923
White alone	1,550	1,116	739	1,237	915
Black or African American alone	6	3	2	3	0
American Indian and Alaska Native alone	0	0	3	1	0
Asian alone	7	3	5	5	5
Native Hawaiian and Other Pacific Islander alone	0	1	0	1	0
Some Other Race alone	2	0	0	0	3
Population of two or more races:	46	7	15	26	24
Population of two races:	43	7	15	24	24
White; Black or African American	3	1	1	4	1
White; American Indian and Alaska Native	19	4	1	8	8
White; Asian	4	1	4	0	2
White; Native Hawaiian and Other Pacific Islander	0	0	0	0	2
White; Some Other Race	16	1	8	9	10
Black or African American; American Indian and Alaska Native	0	0	0	1	0
Black or African American; Asian	0	0	1	0	0
Black or African American; Native Hawaiian and Other Pacific Islander	0	0	0	0	1
Black or African American; Some Other Race	1	0	0	2	0
American Indian and Alaska Native; Asian	0	0	0	0	0
American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander	0	0	0	0	0
American Indian and Alaska Native; Some Other Race	0	0	0	0	0
Asian; Native Hawaiian and Other Pacific Islander	0	0	0	0	0
Asian; Some Other Race	0	0	0	0	0
Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0
Population of three races:	3	0	0	2	0
White; Black or African American; American Indian and Alaska Native	3	0	0	0	0
White; Black or African American; Asian	0	0	0	0	0
White; Black or African American; Native Hawaiian and Other Pacific Islander	0	0	0	0	0

Minority_Block Group

Label	Block Group 2; Census Tract 4902; Wabasha County; Minnesota	Block Group 3; Census Tract 4902; Wabasha County; Minnesota	Block Group 1, Census Tract 4905, Wabasha County, Minnesota	Block Group 1, Census Tract 7901, Waseca County, Minnesota	Block Group 4, Census Tract 7903, Waseca County, Minnesota
White; Black or African American; Some Other Race	0	0	0	0	0
White; American Indian and Alaska Native; Asian	0	0	0	2	0
White; American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander	0	0	0	0	0
White; American Indian and Alaska Native; Some Other Race	0	0	0	0	0
White; Asian; Native Hawaiian and Other Pacific Islander	0	0	0	0	0
White; Asian; Some Other Race	0	0	0	0	0
White; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0
Black or African American; American Indian and Alaska Native; Asian	0	0	0	0	0
Black or African American; American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander	0	0	0	0	0
Black or African American; American Indian and Alaska Native; Some Other Race	0	0	0	0	0
Black or African American; Asian; Native Hawaiian and Other Pacific Islander	0	0	0	0	0
Black or African American; Asian; Some Other Race	0	0	0	0	0
Black or African American; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0
American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander	0	0	0	0	0
American Indian and Alaska Native; Asian; Some Other Race	0	0	0	0	0
American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0
Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0
Population of four races:	0	0	0	0	0
White; Black or African American; American Indian and Alaska Native; Asian	0	0	0	0	0

Minority_Block Group

Label	Block Group 2; Census Tract 4902; Wabasha County; Minnesota	Block Group 3; Census Tract 4902; Wabasha County; Minnesota	Block Group 1, Census Tract 4905, Wabasha County, Minnesota	Block Group 1, Census Tract 7901, Waseca County, Minnesota	Block Group 4, Census Tract 7903, Waseca County, Minnesota
White; Black or African American; American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander	0	0	0	0	0
White; Black or African American; American Indian and Alaska Native; Some Other Race	0	0	0	0	0
White; Black or African American; Asian; Native Hawaiian and Other Pacific Islander	0	0	0	0	0
White; Black or African American; Asian; Some Other Race	0	0	0	0	0
White; Black or African American; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0
White; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander	0	0	0	0	0
White; American Indian and Alaska Native; Asian; Some Other Race	0	0	0	0	0
White; American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0
White; Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0
Black or African American; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander	0	0	0	0	0
Black or African American; American Indian and Alaska Native; Asian; Some Other Race	0	0	0	0	0
Black or African American; American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0
Black or African American; Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0
American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0
Population of five races:	0	0	0	0	0

Minority_Block Group

Label	Block Group 2; Census Tract 4902; Wabasha County; Minnesota	Block Group 3; Census Tract 4902; Wabasha County; Minnesota	Block Group 1, Census Tract 4905, Wabasha County, Minnesota	Block Group 1, Census Tract 7901, Waseca County, Minnesota	Block Group 4, Census Tract 7903, Waseca County, Minnesota
White; Black or African American; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander	0	0	0	0	0
White; Black or African American; American Indian and Alaska Native; Asian; Some Other Race	0	0	0	0	0
White; Black or African American; American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0
White; Black or African American; Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0
White; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0
Black or African American; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0
Population of six races:	0	0	0	0	0
White; Black or African American; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander; Some Other Race	0	0	0	0	0

LEP_Block Group

Label	Block Group 1, Census Tract 1701, Blue Earth County, Minnesota		Block Group 2, Census Tract 1701, Blue Earth County, Minnesota		Block Group 3, Census Tract 1701, Blue Earth County, Minnesota		Block Group 2, Census Tract 1702, Blue Earth County, Minnesota	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Route Option Crossed	1I, 1J, 1O	1I, 1J, 1O	1D, 1J, 1O	1D, 1J, 1O	1I	1I	1A, 1B	1A, 1B
Total:	784	±92	426	±79	794	±77	1,081	±131
Percent LEP	0.13%		0.00%		0.00%		0.00%	
English only	765	±92	404	±77	774	±73	1,012	±143
Spanish:	11	±9	18	±25	13	±17	33	±32
Limited English speaking household	1	±2	0	±9	0	±9	0	±9
Not a limited English speaking household	10	±9	18	±25	13	±17	33	±32
Other Indo-European languages:	5	±5	4	±4	0	±9	25	±27
Limited English speaking household	0	±9	0	±9	0	±9	0	±9
Not a limited English speaking household	5	±5	4	±4	0	±9	25	±27
Asian and Pacific Island languages:	3	±4	0	±9	7	±11	8	±15
Limited English speaking household	0	±9	0	±9	0	±9	0	±9
Not a limited English speaking household	3	±4	0	±9	7	±11	8	±15
Other languages:	0	±9	0	±9	0	±9	3	±4
Limited English speaking household	0	±9	0	±9	0	±9	0	±9
Not a limited English speaking household	0	±9	0	±9	0	±9	3	±4

LEP_Block Group

Label	Block Group 3, Census Tract 1702, Blue Earth County, Minnesota		Block Group 1, Census Tract 1703, Blue Earth County, Minnesota		Block Group 1, Census Tract 1704, Blue Earth County, Minnesota		Block Group 1, Census Tract 807, Goodhue County, Minnesota	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Route Option Crossed	1A, 1B, 1I	1A, 1B, 1I	1B	1B	1B	1B	2C	2C
Total:	755	±140	630	±149	848	±152	362	±57
Percent LEP	0.00%		1.75%		6.49%		0.28%	
English only	726	±144	567	±153	733	±127	354	±56
Spanish:	27	±42	45	±52	4	±7	5	±4
Limited English speaking household	0	±9	0	±9	1	±3	0	±9
Not a limited English speaking household	27	±42	45	±52	3	±7	5	±4
Other Indo-European languages:	2	±4	0	±9	0	±9	1	±1
Limited English speaking household	0	±9	0	±9	0	±9	0	±9
Not a limited English speaking household	2	±4	0	±9	0	±9	1	±1
Asian and Pacific Island languages:	0	±9	7	±12	0	±9	2	±3
Limited English speaking household	0	±9	0	±9	0	±9	1	±2
Not a limited English speaking household	0	±9	7	±12	0	±9	1	±2
Other languages:	0	±9	11	±18	111	±94	0	±9
Limited English speaking household	0	±9	11	±18	54	±80	0	±9
Not a limited English speaking household	0	±9	0	±9	57	±63	0	±9

LEP_Block Group

Label	Block Group 2, Census Tract 807, Goodhue County, Minnesota		Block Group 3, Census Tract 807, Goodhue County, Minnesota		Block Group 1, Census Tract 808, Goodhue County, Minnesota		Block Group 2, Census Tract 808, Goodhue County, Minnesota	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Route Option Crossed	2F	2F	2C, 2F	2C, 2F	2C, 2D, 2F, 3A,	2C, 2D, 2F, 3A,	4D, 3A, 4A, 4K	4D, 3A, 4A, 4K
Total:	278	±48	805	±79	533	±75	692	±92
Percent LEP	0.00%		0.00%		0.00%		0.00%	
English only	273	±48	774	±82	508	±72	692	±92
Spanish:	0	±9	26	±17	25	±31	0	±9
Limited English speaking household	0	±9	0	±9	0	±9	0	±9
Not a limited English speaking household	0	±9	26	±17	25	±31	0	±9
Other Indo-European languages:	2	±3	5	±5	0	±9	0	±9
Limited English speaking household	0	±9	0	±9	0	±9	0	±9
Not a limited English speaking household	2	±3	5	±5	0	±9	0	±9
Asian and Pacific Island languages:	3	±4	0	±9	0	±9	0	±9
Limited English speaking household	0	±9	0	±9	0	±9	0	±9
Not a limited English speaking household	3	±4	0	±9	0	±9	0	±9
Other languages:	0	±9	0	±9	0	±9	0	±9
Limited English speaking household	0	±9	0	±9	0	±9	0	±9
Not a limited English speaking household	0	±9	0	±9	0	±9	0	±9

LEP_Block Group

Label	Block Group 3, Census Tract 808, Goodhue County, Minnesota		Block Group 1, Census Tract 809, Goodhue County, Minnesota		Block Group 2, Census Tract 809, Goodhue County, Minnesota		Block Group 1, Census Tract 9504, Le Sueur County, Minnesota	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Route Option Crossed	3A, 4A, 4B, 4C, 4D	3A, 4A, 4B, 4C, 4D	2C	2C	2C	2C	1D, 1E, 1F, 1J, 1K	1D, 1E, 1F, 1J, 1K
Total:	442	±93	531	±69	481	±70	466	±54
Percent LEP	0.00%		0.00%		0.00%		0.00%	
English only	429	±94	525	±68	455	±71	459	±55
Spanish:	13	±18	0	±9	9	±13	4	±4
Limited English speaking household	0	±9	0	±9	0	±9	0	±9
Not a limited English speaking household	13	±18	0	±9	9	±13	4	±4
Other Indo-European languages:	0	±9	6	±9	4	±7	3	±6
Limited English speaking household	0	±9	0	±9	0	±9	0	±9
Not a limited English speaking household	0	±9	6	±9	4	±7	3	±6
Asian and Pacific Island languages:	0	±9	0	±9	13	±16	0	±9
Limited English speaking household	0	±9	0	±9	0	±9	0	±9
Not a limited English speaking household	0	±9	0	±9	13	±16	0	±9
Other languages:	0	±9	0	±9	0	±9	0	±9
Limited English speaking household	0	±9	0	±9	0	±9	0	±9
Not a limited English speaking household	0	±9	0	±9	0	±9	0	±9

LEP_Block Group

Label	Block Group 2, Census Tract 9504, Le Sueur County, Minnesota		Block Group 3, Census Tract 9504, Le Sueur County, Minnesota		Block Group 4, Census Tract 9504, Le Sueur County, Minnesota		Block Group 3, Census Tract 9505, Le Sueur County, Minnesota	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Route Option Crossed	1F, 1K	1F, 1K	1F, 1L, 1M	1F, 1L, 1M	1K, 1L, 1M	1K, 1L, 1M	1E	1E
Total:	472	±77	239	±55	384	±65	615	±64
Percent LEP	0.00%		0.00%		0.00%		0.16%	
English only	461	±75	228	±55	377	±67	602	±63
Spanish:	11	±10	11	±11	0	±9	11	±11
Limited English speaking household	0	±9	0	±9	0	±9	0	±9
Not a limited English speaking household	11	±10	11	±11	0	±9	11	±11
Other Indo-European languages:	0	±9	0	±9	0	±9	0	±9
Limited English speaking household	0	±9	0	±9	0	±9	0	±9
Not a limited English speaking household	0	±9	0	±9	0	±9	0	±9
Asian and Pacific Island languages:	0	±9	0	±9	4	±6	2	±7
Limited English speaking household	0	±9	0	±9	0	±9	1	±4
Not a limited English speaking household	0	±9	0	±9	4	±6	1	±4
Other languages:	0	±9	0	±9	3	±6	0	±9
Limited English speaking household	0	±9	0	±9	0	±9	0	±9
Not a limited English speaking household	0	±9	0	±9	3	±6	0	±9

LEP_Block Group

Label	Block Group 1, Census Tract 16.03, Olmsted County, Minnesota		Block Group 2, Census Tract 16.03, Olmsted County, Minnesota		Block Group 3, Census Tract 17.03, Olmsted County, Minnesota		Block Group 1, Census Tract 19.01, Olmsted County, Minnesota	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Route Option Crossed	4I	4I	4J	4J	4I	4I	4F, 4K, 4L, 4M, 4N	4F, 4K, 4L, 4M, 4N
Total:	400	±75	331	±65	792	±91	707	±96
Percent LEP	0.25%		0.00%		3.03%		0.00%	
English only	334	±68	317	±64	705	±97	680	±101
Spanish:	18	±17	0	±9	4	±7	18	±17
Limited English speaking household	1	±2	0	±9	0	±9	0	±9
Not a limited English speaking household	17	±17	0	±9	4	±7	18	±17
Other Indo-European languages:	0	±9	9	±9	32	±34	7	±7
Limited English speaking household	0	±9	0	±9	0	±9	0	±9
Not a limited English speaking household	0	±9	9	±9	32	±34	7	±7
Asian and Pacific Island languages:	48	±43	2	±6	51	±40	2	±3
Limited English speaking household	0	±9	0	±9	24	±27	0	±9
Not a limited English speaking household	48	±43	2	±6	27	±30	2	±3
Other languages:	0	±9	3	±4	0	±9	0	±9
Limited English speaking household	0	±9	0	±9	0	±9	0	±9
Not a limited English speaking household	0	±9	3	±4	0	±9	0	±9

LEP_Block Group

Label	Block Group 1, Census Tract 19.02, Olmsted County, Minnesota		Block Group 2, Census Tract 19.02, Olmsted County, Minnesota		Block Group 3, Census Tract 19.02, Olmsted County, Minnesota		Block Group 4, Census Tract 19.02, Olmsted County, Minnesota	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Route Option Crossed	3A, 4D, 4E, 4F, 4G	3A, 4D, 4E, 4F, 4G	4G, 4H, 4I, 4N, 4O, 4	4G, 4H, 4I, 4N, 4O, 4	4I, 4O, 4R	4I, 4O, 4R	3A, 3B, 4I, 4J, 4O, 4	3A, 3B, 4I, 4J, 4O, 4
Total:	620	±55	225	±42	519	±85	196	±35
Percent LEP	0.00%		0.00%		0.00%		0.00%	
English only	598	±58	218	±43	515	±86	194	±36
Spanish:	10	±7	0	±9	4	±7	0	±9
Limited English speaking household	0	±9	0	±9	0	±9	0	±9
Not a limited English speaking household	10	±7	0	±9	4	±7	0	±9
Other Indo-European languages:	10	±12	7	±9	0	±9	2	±5
Limited English speaking household	0	±9	0	±9	0	±9	0	±9
Not a limited English speaking household	10	±12	7	±9	0	±9	2	±5
Asian and Pacific Island languages:	2	±5	0	±9	0	±9	0	±9
Limited English speaking household	0	±9	0	±9	0	±9	0	±9
Not a limited English speaking household	2	±5	0	±9	0	±9	0	±9
Other languages:	0	±9	0	±9	0	±9	0	±9
Limited English speaking household	0	±9	0	±9	0	±9	0	±9
Not a limited English speaking household	0	±9	0	±9	0	±9	0	±9

LEP_Block Group

Label	Block Group 4, Census Tract 703, Rice County, Minnesota		Block Group 5, Census Tract 703, Rice County, Minnesota		Block Group 1, Census Tract 704, Rice County, Minnesota		Block Group 2, Census Tract 704, Rice County, Minnesota	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Route Option Crossed	1F, 1L, 1M, 1N	1F, 1L, 1M, 1N	1N	1N	1F, 1N, 2A, 2E	1F, 1N, 2A, 2E	2C, 2F	2C, 2F
Total:	349	±63	476	±72	513	±60	501	±66
Percent LEP	0.00%		0.00%		0.00%		0.00%	
English only	329	±62	473	±72	513	±60	460	±66
Spanish:	18	±23	3	±4	0	±9	33	±32
Limited English speaking household	0	±9	0	±9	0	±9	0	±9
Not a limited English speaking household	18	±23	3	±4	0	±9	33	±32
Other Indo-European languages:	2	±3	0	±9	0	±9	7	±6
Limited English speaking household	0	±9	0	±9	0	±9	0	±9
Not a limited English speaking household	2	±3	0	±9	0	±9	7	±6
Asian and Pacific Island languages:	0	±9	0	±9	0	±9	1	±3
Limited English speaking household	0	±9	0	±9	0	±9	0	±9
Not a limited English speaking household	0	±9	0	±9	0	±9	1	±3
Other languages:	0	±9	0	±9	0	±9	0	±9
Limited English speaking household	0	±9	0	±9	0	±9	0	±9
Not a limited English speaking household	0	±9	0	±9	0	±9	0	±9

LEP_Block Group

Label	Block Group 3, Census Tract 704, Rice County, Minnesota		Block Group 4, Census Tract 704, Rice County, Minnesota		Block Group 1, Census Tract 708.01, Rice County, Minnesota		Block Group 2, Census Tract 4902, Wabasha County, Minnesota	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Route Option Crossed	2C	2C	2B, 2C, 2E, 2F, 2G	2B, 2C, 2E, 2F, 2G	2A, 2B, 2E	2A, 2B, 2E	3C	3C
Total:	363	±43	386	±56	587	±169	616	±61
Percent LEP	0.00%		0.00%		27.26%		0.00%	
English only	361	±43	383	±55	363	±104	597	±62
Spanish:	2	±4	3	±5	64	±51	12	±12
Limited English speaking household	0	±9	0	±9	0	±9	0	±9
Not a limited English speaking household	2	±4	3	±5	64	±51	12	±12
Other Indo-European languages:	0	±9	0	±9	0	±9	7	±6
Limited English speaking household	0	±9	0	±9	0	±9	0	±9
Not a limited English speaking household	0	±9	0	±9	0	±9	7	±6
Asian and Pacific Island languages:	0	±9	0	±9	0	±9	0	±9
Limited English speaking household	0	±9	0	±9	0	±9	0	±9
Not a limited English speaking household	0	±9	0	±9	0	±9	0	±9
Other languages:	0	±9	0	±9	160	±138	0	±9
Limited English speaking household	0	±9	0	±9	160	±138	0	±9
Not a limited English speaking household	0	±9	0	±9	0	±9	0	±9

LEP_Block Group

Label	Block Group 3, Census Tract 4902, Wabasha County, Minnesota		Block Group 1, Census Tract 4905, Wabasha County, Minnesota		Block Group 1, Census Tract 7901, Waseca County, Minnesota		Block Group 4, Census Tract 7903, Waseca County, Minnesota	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Route Option Crossed	3B	3B	3B	3B	1K, 1L	1K, 1L	1L	1L
Total:	457	±51	338	±44	505	±61	517	±85
Percent LEP	0.00%		0.30%		0.00%		0.00%	
English only	451	±51	331	±44	504	±60	507	±85
Spanish:	2	±3	5	±7	0	±9	8	±6
Limited English speaking household	0	±9	1	±2	0	±9	0	±9
Not a limited English speaking household	2	±3	4	±7	0	±9	8	±6
Other Indo-European languages:	4	±4	2	±3	0	±9	0	±9
Limited English speaking household	0	±9	0	±9	0	±9	0	±9
Not a limited English speaking household	4	±4	2	±3	0	±9	0	±9
Asian and Pacific Island languages:	0	±9	0	±9	1	±3	0	±9
Limited English speaking household	0	±9	0	±9	0	±9	0	±9
Not a limited English speaking household	0	±9	0	±9	1	±3	0	±9
Other languages:	0	±9	0	±9	0	±9	2	±3
Limited English speaking household	0	±9	0	±9	0	±9	0	±9
Not a limited English speaking household	0	±9	0	±9	0	±9	2	±3