

Appendix F: Demand Estimates



Appendix F
2010 Estimated Rural Public Transit Demand using the TCRP Method

Census Tract	Census Block Group	Area Description	Estimated Annual Passenger-Trip Demand					Estimated Daily Transit Demand		Daily Demand Density (Trips per Sq. Mile per Day)
			Elderly	Mobility Limited	Elderly + Mobility Limited	General Public	Total Annual Demand	#	%	
16.01	2	NE of Columbia, North of I-70	580	270	850	230	1,080	4	1.5%	0.3
16.02	1	E of Columbia, St. Charles Rd to Fulton Gravel Rd	1,360	580	1,940	320	2,260	9	3.1%	1.0
16.02	2	E Boone County boundary	1,880	300	2,180	90	2,270	9	3.1%	0.2
17.01	1	NE of Ashland	1,570	660	2,230	280	2,510	10	3.5%	0.3
17.01	2	NW of Ashland	2,010	440	2,450	790	3,240	12	4.5%	3.7
17.01	3	Hartsburg	3,870	930	4,800	500	5,300	20	7.3%	0.4
17.02	1	McBaine	1,290	490	1,780	240	2,020	8	2.8%	0.3
17.02	2	SE Boone County boundary, West of S Hwy 63	3,410	800	4,210	600	4,810	19	6.7%	0.4
18.03	1	NW of Columbia, North of I-70	2,280	760	3,040	1,560	4,600	18	6.4%	0.9
18.03	2	North of Rocheport	710	480	1,190	230	1,420	5	2.0%	0.2
18.03	3	Rocheport, North to I-70	1,430	170	1,600	270	1,870	7	2.6%	0.9
18.05	3	W Boone County boundary, S to I-70	1,560	400	1,960	440	2,400	9	3.3%	0.4
19.01	1	North of Harrisburg	1,490	870	2,360	870	3,230	12	4.5%	0.2
19.01	2	South of Harrisburg	3,090	1,410	4,500	750	5,250	20	7.3%	0.4
19.02	1	Sturgeon	2,080	440	2,520	620	3,140	12	4.4%	1.1
19.02	2	Hallsville	2,810	950	3,760	1,130	4,890	19	6.8%	0.4
19.02	3	NE of Columbia, East to Hwy 63	1,870	1,280	3,150	660	3,810	15	5.3%	0.3
19.02	4	NE Boone County boundary, SE of Hallsville	2,550	840	3,390	490	3,880	15	5.4%	0.4
20	1	North of Centralia	2,970	450	3,420	590	4,010	15	5.6%	1.5
20	2	W Centralia	1,840	600	2,440	240	2,680	10	3.7%	13.7
20	3	S Centralia	1,450	420	1,870	220	2,090	8	2.9%	10.5
20	4	NE Boone County boundary, South of Centralia	3,300	760	4,060	220	4,280	16	5.9%	0.9
Totals			45,980	14,570	60,550	11,570	72,120	277	100.0%	

Source: LSC, 2005; 2000 US Census, State of Missouri, Office of Administration.

Appendix F
2025 Estimated Rural Public Transit Demand using the TCRP Method

Census Tract	Census Block Group	Area Description	Estimated Annual Passenger-Trip Demand					Estimated Daily Transit Demand		Daily Demand Density (Trips per Sq. Mile per Day)
			Elderly	Mobility Limited	Elderly + Mobility Limited	General Public	Total Annual Demand	#	%	
16.01	2	NE of Columbia, North of I-70	960	340	1,300	290	1,590	6	1.5%	1.1
16.02	2	E Boone County boundary	3,100	380	3,480	120	3,600	14	3.3%	0.3
17.01	1	NE of Ashland	2,580	830	3,410	360	3,770	15	3.4%	0.4
17.01	2	NW of Ashland	3,320	550	3,870	1,000	4,870	19	4.4%	5.6
17.01	3	Hartsburg	6,400	1,180	7,580	640	8,220	32	7.5%	0.5
17.02	1	McBaine	2,130	630	2,760	310	3,070	12	2.8%	0.4
17.02	2	SE Boone County boundary, West of S Hwy 63	5,640	1,020	6,660	760	7,420	29	6.8%	0.6
18.03	1	NW of Columbia, North of I-70	3,770	960	4,730	1,970	6,700	26	6.1%	1.4
18.03	2	North of Rocheport	1,170	600	1,770	290	2,060	8	1.9%	0.3
18.03	3	Rocheport, North to I-70	2,360	220	2,580	340	2,920	11	2.7%	1.5
18.05	3	W Boone County boundary, S to I-70	2,580	510	3,090	560	3,650	14	3.3%	0.6
19.01	1	North of Harrisburg	2,460	1,100	3,560	1,100	4,660	18	4.3%	0.3
19.01	2	South of Harrisburg	5,110	1,780	6,890	950	7,840	30	7.2%	0.6
19.02	1	Sturgeon	3,440	550	3,990	780	4,770	18	4.4%	1.7
19.02	2	Hallsville	4,640	1,200	5,840	1,430	7,270	28	6.6%	0.7
19.02	3	NE of Columbia, East to Hwy 63	3,080	1,620	4,700	840	5,540	21	5.1%	0.5
19.02	4	NE Boone County boundary, SE of Hallsville	4,220	1,070	5,290	620	5,910	23	5.4%	0.6
20	1	North of Centralia	4,900	570	5,470	750	6,220	24	5.7%	2.3
20	2	W Centralia	3,040	760	3,800	310	4,110	16	3.8%	21.0
20	3	S Centralia	2,400	540	2,940	280	3,220	12	2.9%	16.3
20	4	NE Boone County boundary, South of Centralia	5,450	960	6,410	280	6,690	26	6.1%	1.4
Totals			76,320	18,440	94,760	14,680	109,440	421	100.0%	

Source: LSC, 2005; 2000 US Census, State of Missouri, Office of Administration.