

# Appendix B: TCRP Demand Formulas

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**Appendix B**  
**2030 Estimated Public Transit Demand using the TCRP Method**  
*Sweetwater County Study Area (STAR Service Area)*

Place	Census Tract	Census Block Group	Estimated Annual Passenger-Trip Demand					Estimated Daily Transit Demand		Daily Demand Density (Trips per Sq. Mile per Day)
			Elderly	Mobility Limited	Elderly + Mobility Limited	Low Income	Total Annual Demand	#	%	
Rock Springs	9706.01	1	241	20	261	284	545	2	2.4%	0.1
	9708	3	1,609	80	1,689	1,436	3,124	12	13.8%	7.8
	9709.01	1	274	66	340	815	1,155	5	5.1%	0.1
	9709.01	2	449	46	496	1,312	1,808	7	8.0%	2.8
	9709.02	1	547	53	600	1,436	2,036	8	9.0%	3.8
	9709.02	2	117	80	197	549	746	3	3.3%	4.0
	9709.03	1	430	179	609	993	1,602	6	7.0%	3.3
	9709.03	2	0	13	13	0	13	0	0.1%	0.0
	9710	1	384	20	404	603	1,007	4	4.4%	6.4
	9710	2	241	7	248	213	460	2	2.0%	0.0
	9711	1	743	33	776	869	1,644	6	7.2%	20.5
	9711	2	1,075	60	1,135	638	1,773	7	7.8%	1.6
9712	1	788	46	835	213	1,047	4	4.6%	11.3	
9712	2	560	46	607	780	1,387	5	6.1%	0.4	
Green River	9705	2	215	20	235	461	696	3	3.1%	4.9
	9706.01	2	554	33	587	0	587	2	2.6%	9.0
	9706.01	3	280	27	307	1,258	1,565	6	6.9%	1.3
	9706.02	1	72	0	72	213	284	1	1.3%	6.2
	9706.02	2	65	53	118	177	295	1	1.3%	3.0
	9707	1	261	13	274	142	416	2	1.8%	5.6
9707	2	410	13	424	106	530	2	2.3%	0.1	
<b>Study Area TOTAL:</b>			<b>9,315</b>	<b>909</b>	<b>10,224</b>	<b>12,496</b>	<b>22,720</b>	<b>89</b>	<b>100%</b>	<b>92</b>

Source: 2000 US Census Bureau, Sweetwater Economic Development Association (SWEDA), Rock Springs and Green River Chamber of Commerce, LSC, 2007