

Appendix

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Future Travel  
Demand Matrices

<b>Group</b>	<b>TTS GTA06 TAZ</b>	<b>Municipality</b>
1	8681	Downtown Orillia
2	8682	North Orillia
3	8683	South-East Orillia
4	8684	South-West Orillia
5	8685	West Orillia
6	1-625	Toronto
7	1001-1334	Durham
8	2001-2877	York
9	3001-3879	Peel
10	4001-4197	Halton
11	5001-5253	Hamilton
12	6001-6366	Niagara
13	7001-7576	Waterloo
14	8001-8207	Guelph
15	8301-8380	Wellington
16	8401-8405	Orangeville
17	8411-8417	Dufferin
18	8501-8532	Barrie
19	8551-8667	Simcoe
20	8701-8717	Kawartha Lakes
21	8801-8825	City of Peterborough
22	8851-8855	Peterborough
23	8901-8949	Brantford
24	8950-8960	Brant
25	9001-9016	Northumberland
26	9017-9068,9800,9998,9999	External & Undefined

2016 AM Peak Period		Destination																											
Origin	Zone	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	Total	
	1	339	139	96	198	179	46	27	0	0	0	0	0	0	0	0	0	0	0	4	280	33	0	0	0	0	0	0	1341
	2	645	1292	337	774	299	47	0	28	0	0	0	0	0	0	0	0	0	0	489	918	43	0	0	0	0	0	140	5012
	3	434	179	573	542	188	0	0	100	87	0	34	15	0	0	0	0	0	0	378	631	14	0	0	0	0	0	78	3253
	4	359	824	164	892	182	14	0	0	37	0	0	0	0	0	0	0	0	0	284	496	17	0	0	0	0	0	107	3376
	5	94	148	58	224	81	0	28	13	79	0	0	0	0	0	0	0	0	0	270	136	0	0	0	0	0	0	16	1147
	6	43	0	0	0	20																						63	
	7	20	0	29	16	0																						65	
	8	11	0	88	37	25																						161	
	9	0	0	0	0	21																						21	
	10	0	0	21	15	0																						36	
	11	0	0	0	0	0																						0	
	12	0	0	0	0	0																						0	
	13	0	0	27	0	0																						27	
	14	0	0	0	0	0																						0	
	15	0	0	0	0	0																						0	
	16	0	44	0	0	0																						44	
	17	0	0	0	0	0																						0	
	18	395	166	147	511	67																						1286	
	19	1395	2225	722	2573	881																						7796	
	20	152	15	0	131	0																						298	
	21	0	0	0	0	0																						0	
	22	0	0	0	0	0																						0	
	23	0	0	0	0	0																						0	
	24	0	0	0	0	0																						0	
	25	0	0	0	0	0																						0	
	26	16	109	9	0	0																						134	
<b>Total</b>	<b>3903</b>	<b>5141</b>	<b>2271</b>	<b>5913</b>	<b>1943</b>	<b>107</b>	<b>55</b>	<b>141</b>	<b>203</b>	<b>0</b>	<b>34</b>	<b>15</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1425</b>	<b>2461</b>	<b>107</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>341</b>	<b>24060</b>	

2016 PM Peak Period		Destination																											
Origin	Zone	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	Total	
	1	474	964	527	568	323	61	105	85	0	0	0	0	0	0	0	0	0	0	398	1478	110	0	0	0	0	0	16	5109
	2	329	859	196	815	180	14	7	0	7	0	0	0	27	0	0	0	44	0	197	1135	15	0	0	0	0	0	34	3859
	3	115	292	599	375	81	0	0	417	0	0	0	0	0	0	0	0	0	0	190	820	15	0	0	0	0	0	0	2904
	4	358	798	628	743	510	22	0	70	0	15	0	0	0	0	0	0	0	24	763	2798	44	0	0	0	17	0	6790	
	5	220	754	192	382	344	4	55	65	30	0	0	0	0	0	0	0	0	0	169	1194	15	0	0	0	0	0	3424	
	6	0	87	0	25	0																						112	
	7	77	0	0	18	67																						162	
	8	31	78	70	102	13																						294	
	9	0	4	86	0	62																						152	
	10	0	0	0	0	0																						0	
	11	0	0	0	0	0																						0	
	12	0	0	15	0	0																						15	
	13	0	0	0	0	0																						0	
	14	0	0	0	0	0																						0	
	15	0	0	0	0	0																						0	
	16	0	0	0	0	0																						0	
	17	0	0	0	0	0																						0	
	18	158	627	145	464	177																						1571	
	19	612	871	535	1036	558																						3612	
	20	12	8	31	31	0																						82	
	21	0	0	0	0	0																						0	
	22	0	0	0	0	0																						0	
	23	0	0	0	0	0																						0	
	24	0	0	0	0	0																						0	
	25	0	0	0	0	0																						0	
	26	0	204	120	154	35																						513	
<b>Total</b>	<b>2386</b>	<b>5546</b>	<b>3144</b>	<b>4713</b>	<b>2350</b>	<b>101</b>	<b>167</b>	<b>637</b>	<b>37</b>	<b>15</b>	<b>0</b>	<b>27</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>44</b>	<b>24</b>	<b>1717</b>	<b>7425</b>	<b>199</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>17</b>	<b>0</b>	<b>50</b>	<b>28599</b>		

2036 AM Peak Period		Destination																											
Origin	Zone	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	Total	
	1	278	109	87	168	161	60	46	0	0	0	0	0	0	0	0	0	0	0	7	555	47	0	0	0	0	0	0	1519
	2	409	1024	221	517	207	55	0	44	0	0	0	0	0	0	0	0	0	0	949	1444	54	0	0	0	0	0	196	5121
	3	253	129	446	305	113	0	0	147	112	0	48	20	0	0	0	0	0	0	672	915	18	0	0	0	0	0	105	3282
	4	184	618	117	746	159	17	0	0	50	0	0	0	0	0	0	0	0	0	575	798	26	0	0	0	0	0	153	3444
	5	66	94	27	146	60	0	43	21	107	0	0	0	0	0	0	0	0	0	464	188	0	0	0	0	0	0	20	1237
	6	51	0	0	0	24																							75
	7	35	0	45	26	0																							106
	8	16	0	130	51	39																							237
	9	0	0	0	0	28																							28
	10	0	0	34	24	0																							58
	11	0	0	0	0	0																							0
	12	0	0	0	0	0																							0
	13	0	0	39	0	0																							39
	14	0	0	0	0	0																							0
	15	0	0	0	0	0																							0
	16	0	57	0	0	0																							57
	17	0	0	0	0	0																							0
	18	629	284	246	766	121																							2046
	19	2079	3282	1088	3506	1442																							11397
	20	203	23	0	165	0																							391
	21	0	0	0	0	0																							0
	22	0	0	0	0	0																							0
	23	0	0	0	0	0																							0
	24	0	0	0	0	0																							0
	25	0	0	0	0	0																							0
	26	21	144	11	0	0																							176
<b>Total</b>	<b>4225</b>	<b>5764</b>	<b>2489</b>	<b>6421</b>	<b>2355</b>	<b>132</b>	<b>90</b>	<b>211</b>	<b>269</b>	<b>0</b>	<b>48</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2668</b>	<b>3900</b>	<b>146</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>474</b>	<b>29212</b>	

2036 PM Peak Period		Destination																											
Origin	Zone	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	Total	
	1	481	742	425	340	284	72	174	116	0	0	0	0	0	0	0	0	0	0	652	2275	143	0	0	0	0	0	21	5725
	2	262	665	166	596	141	17	12	0	9	0	0	34	0	0	0	56	0	332	1803	21	0	0	0	0	0	0	45	4160
	3	80	170	403	218	61	0	0	620	0	0	0	0	0	0	0	0	0	311	1250	18	0	0	0	0	0	0	0	3130
	4	260	530	351	517	375	26	0	111	0	24	0	0	0	0	0	0	0	31	1119	3843	58	0	0	0	24	0	0	7269
	5	209	626	141	278	332	4	90	108	40	0	0	0	0	0	0	0	0	0	313	1870	21	0	0	0	0	0	0	4031
	6	0	97	0	31	0																							128
	7	125	0	0	33	108																							266
	8	60	120	84	154	21																							440
	9	0	5	121	0	76																							202
	10	0	0	0	0	0																							0
	11	0	0	0	0	0																							0
	12	0	0	20	0	0																							20
	13	0	0	0	0	0																							0
	14	0	0	0	0	0																							0
	15	0	0	0	0	0																							0
	16	0	0	0	0	0																							0
	17	0	0	0	0	0																							0
	18	268	1152	309	789	296																							2812
	19	953	1329	953	1637	809																							5681
	20	14	10	44	42	0																							110
	21	0	0	0	0	0																							0
	22	0	0	0	0	0																							0
	23	0	0	0	0	0																							0
	24	0	0	0	0	0																							0
	25	0	0	0	0	0																							0
	26	0	264	172	224	53																							714
<b>Total</b>	<b>2711</b>	<b>5712</b>	<b>3188</b>	<b>4858</b>	<b>2555</b>	<b>119</b>	<b>275</b>	<b>955</b>	<b>49</b>	<b>24</b>	<b>0</b>	<b>34</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>56</b>	<b>31</b>	<b>2727</b>	<b>11041</b>	<b>261</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>24</b>	<b>0</b>	<b>66</b>	<b>34688</b>		